

CHSL 07/01/2017, 1st shift

1. Group of 4 bits forms a — **Nibble**
2. Barograph was invented by — **Lucien Vidi**
3. Diabetes is caused by — **Low production of Insulin**
4. *Tectona grandis Linn* is the scientific name of — **Teak**
5. Sea-Anemones belongs to the phylum — **Cnidaria**
6. What is present inside the nucleus of an atom? — **Protons and Neutrons**
7. What is baking soda? — **Sodium bicarbonate**
8. Elephanta caves is in — **Maharashtra**
9. Kathak is a classical dance from — **North India**
10. If demand curve for camping tents is $D=100000 - 17P$ and supply curve is $S=50000 + 8P$, find the equilibrium price? — **Rs. 2000**
11. Value of Total Goods and Services Produced in a country is its — **Gross Domestic Product**
12. Dissolved oxygen in rivers is close to _____ parts per million. — **5**
13. _____ is also known as a Common Water Hyacinth. — **Echhromia**
14. Rukmini Devi Arindale is associated with — **Bharatnatyam**
15. Which state does not share a common border with Haryana? — **Madhya Pradesh**
16. Which planet is also referred to as a 'Dwarf planet'? — **Pluto**
17. Who was the founder of the Brahma Samaj, founded in 1828? — **Raja Ram Mohan Roy**
18. Shah jahan built Taj Mahal in memory of — **Mumtaz Mahal**
19. Which actor won the best actor award in the 1st Filmfare Awards? — **Dilip kumar**
20. Young's Modulus is a _____ quantity. — **Scalar**
21. Which among the following elements is a liquid at room temperature — **Mercury**
22. How many maximum terms, a person can serve as Prime Minister of India? — **No limit**
23. If the President declares emergency then this proclamation must be approved by the Parliament within — **One month**
24. Deepika Kumari is associated with — **Archery**
25. The Arthashastra was written by — **Chanakya**

CHSL 07/01/2017, 3rd shift

1. The first programming language was — **FORTRAN**
2. Elarometer was invented by — **Evangelista Torricell**
3. Which is the largest organ in human beings? — **Skin**
4. *Delonix regia Rafin* is the scientific name of — **Gulmohar**
5. Amoebabelongs to the phylum — **Protozoa**
6. _____ is white phosphorus. — **P4**
7. Alkali metals can — **Easily lose electrons**
8. Khangchendzonga National Park is in — **Sikkim**
9. The Karma dance belongs to which state — **Madhya Pradesh**
10. If price of an article decreases from P1 to Rs 25, quantity demanded increases from 900 units to 1200 units. If point elasticity of demand is -2, find P1. — **Rs. 30**
11. _____ is a characteristic of Laissez-Faire system. — **No governmnet intervention**
12. Sulphur Doioxide pollution is indicated by an excessive growth of — **Lichens**
13. Evidence suggests that life on Earth has existed for about — **3.5 billion years**
14. Hollywood is located in — **California**
15. Which is the longest National Highway in India? — **NH-44**
16. Which planet is also referred to as a 'Dwarf planet'? — **Pluto**
17. Battle of Panipat was fought in year 1526 between Babur and — **Ibrahim Lodi**
18. When was Indian Navy Act passed? — **1927**
19. Pulitzer Prize was established in — **1917**
20. An object at rest will remain at rest and an object in motion will remain in motion until and unless it is acted upon by an external force. This is Newton's — **First Law**
21. What will happen if an object is dropped from a height and there is no air resistance? — **Its speed will increase**
22. What is the retirement age of the Prime Minister of India? — **No limit**
23. In case State emergency is declared, it needs Pariliametary approval after every — **6 months**
24. Ajeet Bajaj is associated with which Sport — **Adventure Sports**
25. Who is the author of 'Million Mutinies Now'? — **V S Naipaul**

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1. Web pages are created by using — **HTML**
2. Seismometer was invented by — **Luigi Palmieri**
3. Deficiency of _____ causes non-clotting of blood. — **Vitamin K**
4. The process of producing energy in plants is known as — **Photosynthesis**
5. Which Virus causes Chicken Pox? — **Herpes Zoster**
6. Sweating is an _____ reaction. — **Endothermic**
7. Name the catalyst used in the conversion of milk into curd — **Lactase**
8. Bibi ka Maqbara was built by — **Azam Shah**
9. In which state of India 'Bodo language' is primarily spoken? — **Assam**
10. A company faces a -2.5 price elasticity of demand for its product. It is presently selling 10,000 units/month. If it wants to increase quantity sold by 6%, it must lower its price by — **2.40%**
11. Lowering of value of currency relative to a foreign reference currency is called — **Devaluation**
12. What does BOD5 refer to? — **Biochemical Oxygen Demand in 5 days**
13. Kanha National Park saving the rare and almost extinct species of the Swamp Deer, also known as — **Barasingha**
14. Which is the highest grossing movie of all time? — **Avatar**
15. Which state in India has the largest cover area of forest? — **Madhya Pradesh**
16. Longest day in the Northern hemisphere is — **21st June**
17. World War I broke out in the year — **1914**
18. Name the poet who wrote 'Prithviraj Raso', a Poem describing Prithviraj Chauhan's life — **Chand Bardai**
19. _____ is the 2016 Oscar Winner for Best Supporting Actress. — **Alicia Vikander**
20. For every action, there is an equal and opposite reaction, is Newton's — **Third law**
21. What is false about displacement? — **It is always positive**
22. The Governor takes the oath of office by — **Chief Justice of High Court**
23. Which fundamental right is abolished by the 44th Amendment? — **Right to Property**
24. In which sport in Asian Games, India has won maximum Gold Medals? — **Athletics**
25. 'An Extraordinary Life, An Indian Destiny' is a biography on — **Sonia Gandhi**

CHSL 08/01/2017, 3rd shift

1. Microsoft Office is an — **System Software**
2. Venn diagram was invented by — **John Venn**
3. What is the total number of bones in the human body? — **206**
4. *Emblica officinalis* is the scientific name of — **Amla**
5. Sponges belongs to the phylum — **Porifera**
6. Release of _____ is the primary reason for depletion of the ozone layer. — **Chlorofluoro Carbon**
7. O₂ molecules are joined by a — **Double Covalent Bond**
8. The renowned Temple at Ranakpur is a _____ Temple. — **Jain**
9. Jhalakatti is associated with — **Pongal**
10. If price of an article decreases from Rs.12 to Rs.10, quantity demanded increases from 1000 units to 1400 units. Find point elasticity of demand — **-2.4**
11. Who generally presents the Finance Budget in Indian parliament? — **Finance Minister**
12. Which gas contributes most to the Greenhouse effect? — **Water vapour**
13. Corbett National Park was established to protect which animal? — **Bengal Tigers**
14. Subramanya Bharthi was a noted — **Poet**
15. Which state does not share a common border with Chhattisgarh? — **Andhra Pradesh**
16. Name the longest river in India. — **Ganga**
17. Quit India Movement was launched by Mahatma Gandhi in — **1942**
18. Which Freedom Fighter addressed Mahatma Gandhi as 'Father of the Nation' for the 1st time? — **Subhash Chandra Bose**
19. Name the first Indian who got Nobel Prize in Physics. — **CV Raman**
20. Which physical quantity is measured in 'Siemens'? — **Electrical Conductance**
21. Rate of change of momentum is — **Force**
22. _____ is not the aims of Lok Adalat. — **Give the power to rule in the hands of the common man**
23. What is the salary per month of the President of India? — **Rs. 1,50,000**
24. Shital Mahajan is associated with which sport? — **Sky Diving**
25. Who is the author of the book, 'A Suitable Boy'? — **Vikram Seth**

CHSL 09/01/2017, 1st shift

1. Which language is used to access data from a database? — **SQL**
2. Electric tram was invented by — **Fyodor Pirotsky**
3. _____ is a symptom of haemophilia. — **No clotting of Blood**
4. The process of polination by birds is also known as — **Ornithophily**
5. Spiders belong to the phylum — **Arthropoda**
6. The density of pure water is— **1 gm/cm³**
7. What happens in an oxidation reaction? — **Electrons are lost**
8. Nalanda Mahavihara site is in — **Bihar**
9. The Desert Festival is held in — **Jaisalmer**
10. In 2005 the nominal rate of interest in country was 6% and the inflation rate then was 1.5%. So real rate of interest in 2015 was — **4.50%**
11. The goods which people consume more, when price rises are called — **Giffen goods**
12. Who coined the term 'Ecology'? — **Ernst Haeckel**
13. Banana freckle is a plant disease. It is caused by a — **Fungus**
14. Pablo Picasso was from — **Spain**
15. _____ (Indian chilly) is considered one of the hottest chilly in the world. — **Bhut Jolokia**
16. Name the hottest planet. — **Venus**
17. Who killed Mahatam Gandhi? — **Nathuram Godse**
18. What was the capital of Maharaja Fanjit Singh's kingdom? — **Lahore**
19. _____ is the 2016 Oscar Winner for Best Actor. — **Leonardo DiCaprio**
20. Who discovered theory of relativity? — **Albert Einstein**
21. Which device is used to measure the depth of ocean? — **Fathometer**
22. The movement of Objective Resolution to guide the deliberations of the Assembly was started by — **Jawaharlal Nehru**
23. Rajya Sabha member has tenure of _____ years. — **6**
24. Limba Ram is associated with which Sport? — **Archery**
25. Who wrote the book 'Glimpses of World History'? — **Jawaharlal Nehru**

CHSL 09/01/2017, 3rd shift

1. The tag line "Do no evil" is owned by — **Google**
2. Electric chair was invented by — **Alfred P. Southwick**
3. Brain fever is a disease spread through — **Mosquito**
4. Mangroves are plants that have — **Respiratory Roots**
5. *Rodentia Sciurus* is the scientific name of — **Squirrel**
6. The reactions in which oxidation and reduction occurs simultaneously are called — **Redox reactions**
7. Who discovered Nitrogen? — **Rutherford**
8. Odisha's World famous Konark Sun Temple was built by — **Narasimhadeva**
9. Nepali is primarily spoken in which Indian State? — **Sikkim**
10. A manufacturer faces price elasticity of demand of (a - 2) for its product. If it lowers its price by 5% the increase in quantity sold will be — **10%**
11. If cash reserve ratio decreases, credit creation will — **Increase**
12. Device used for the detection and measurement of all types of radiation (alpha, beta and gamma) — **Geiger counter**
13. Haematite is an ore/mineral of — **Iron**
14. Name the lead actor in the hollywood movie "Top Gun". — **Tom Cruise**
15. The study of universe is known as — **Cosmology**
16. Shortest day in the Northern hemisphere is — **22nd December**
17. Adolf Hitler, the _____ politician was responsible for genocide of millions of Jews. — **German**
18. Pritiviraj Chauhan married _____. She was the daughter of his enemy Jaichandra Gahadwal. — **Somyukta**
19. _____ is the 2016 Oscar Winner for Best Foreign Language film. — **Son of Saul**
20. If a ball is thrown up, _____ does not change. — **Acceleration**
21. If a body is moving on a circular path, what is its average velocity if it completes one cycle in one second? — **Zero**
22. What is the maximum number of Members of the Rajya Sabha? — **250**
23. What does the wheel in the National Flag represent? — **Truth**
24. K Srikanth has won Arjuna Award for which sport in India? — **Badminton**
25. Who is the author of the book "A Life Less Ordinary : A Memoir"? — **Baby Halder**

CHSL 10/01/2017, 1st shift

1. Syntax Errors are determined by — **Control Unit**
2. Arithmometer was invented by — **Charlex Xavier Thomas**
3. What is induced by Oncogene? — **Cancer**
4. *Azadirachata indica* is the scientific name of — **Neem**
5. Octopus belongs to the phylum — **Mollusca**
6. What is the full form of PVC? — **Polyvinyl Chloride**
7. Aromatic hydrocarbon at least ___ benzene like ring in their molecules. — **One**
8. Ranthambhore Fort is in — **Rajasthan**
9. Dogri is Primarily spoken in which state? — **Jammu & Kashmir**
10. A beedi making workshop can hire 5 women by paying them Rs. 300 per day. The 6th woman demands Rs.,350 per day. If this woman is hired then all other women must be paid Rs. 350. The marginal resource (labour) cost of the 6th woman is — **Rs.600**
11. Stagflation is defined as — **High inflation, low growth, high unemployment**
12. A living part of the organisms environment is known as — **Biotic Factor**
13. Chromite is an ore/mineral of — **Chromium**
14. Who played Gandhi in 1982's Oscar Winning Movie of the same name? — **Ben Kingsley**
15. What percentage of India's population is employed in agriculture? — **70%**
16. Which is the closest star to our solar system? — **Proxima Centauri**
17. East India Company was established in — **1600**
18. Who was the eldest brother among the Pandavas? — **Yudhishtira**
19. _____ is the 2016 Oscar Winner for Best Actress — **Brie Larson**
20. If an object is thrown upwards, what will be its velocity, when it reaches its maximum height? — **0 m/s**
21. If a force acts upon two objects at rest, and having different masses for the same amount of time, then which one of the following will be the same for both the objects? — **Momentum**
22. During an emergency all of the fundamental rights are suspended, except — **Personal liberty & Right to Life**
23. From which country's constitution the Fundamental duties adopted? — **USSR Constitution**
24. 'Sultan Johor Cup' is associated with — **Hockey**
25. Who wrote the book, 'Indian Home Rule'? — **M K Gandhi**

CHSL 10/01/2017, 2nd shift

1. How many bits does an IP address contain? — **32 Bits**
2. Steam Engine was invented by — **George Stephenson**
3. Medulla oblongata is a part of — **Brain**
4. _____ is a typically one-celled, reproductive unit capable of giving rise to a new individual without sexual fusion. — **Spore**
5. Bacteria was discovered by — **Antonie van Leeuwenhoek**
6. _____ have high penetration power. — **Alpha particles**
7. What is not a characteristic of oxidation reaction — **It involves addition of hydrogen**
8. Chandaragiri Fort is a historical fort, built in the 11th century, It is located in _____ — **Andhra Pradesh**
9. Mohiniyattam is a dance form of which state? — **Kerala**
10. Irfaan loves black coffee. A roadside stall selling a cup of black coffee at Rs.120, offered 25% discount to Irfaan. If Irfaan was willing to pay even Rs.200 for this cup of black coffee. Irfaan's consumer surplus is — **Rs.110**
11. _____ does not count in the development expenditure of government. — **Defence expenditure**
12. _____ are responsible for Vermicomposting. — **Worms**
13. Turquoise is an ore/mineral of — **Copper**
14. Shabana Azmi is an — **Actress**
15. How many languages are officially recognized in India? — **22**
16. Which planet is known as red planet? — **Mars**
17. Who was Bahur's Son? — **Humayun**
18. Who was Prithviraj Chauhan's father? — **Someshwar Chauhan**
19. _____ is the 2016 Oscar Winner for Best Supporting Actor. — **Mark Rylance**
20. Formula for distance is — **Speed x Time**
21. What is the fundamental unit of amount of a substance? — **Mole**
22. Republic means ultimate power is held by — **The People**
23. How many Rajya Sabha members, the President of India can nominate? — **12**
24. Who is the first Indian woman Olympic medal Winner? — **Karnam Malleswari**
25. Who wrote the book "Ignited Minds"? — **APJ Abdul Kalam**

CHSL 10/01/2017, 3rd shift

1. DNS is a networking term that refers to — **Domain Name System**
2. Telephone exchange was invented by — **Tivadar Puskas**
3. Scurvy (bleeding of gums) is caused by the deficiency of which vitamin? — **Vitamin C**
4. *Achras sapota* is the scientific name of — **Chiku**
5. Prawn belongs to the phylum — **Arthropoda**
6. What does a catalyst do in a reaction? — **Changes activation energy**
7. Adding which substance gives green colour to glass? — **Chromium Oxide**
8. Ellora Caves is in — **Maharashtra**
9. _____ festival is celebrated on a full-moon day. — **Holi**
10. If demand curve for a fishing rod is $D = 37000 - 11P$ and supply curve is $S = 12000 + 9P$, find the equilibrium quantity. — **23250 units**
11. Balance of Trade is the difference between — **Country's Exports and Imports**
12. _____, if present in the atmosphere can be detected by its odour. — **Sulphur dioxide**
13. The number of biogeographical zones in India are — **10**
14. _____ is an indigenous light combat aircraft of India. — **Tejas**
15. In which direction does the earth rotates around its axis? — **West to east**
16. Which state in India receives the highest rainfall? — **Meghalaya**
17. Tipu Sultan was also known as Tiger of _____. — **Mysore**
18. Sri Aurobindo was born in the year — **1872**
19. Highest Civilian Honour received by A. P. J. Abdul Kalam is — **Bharat Ratna**
20. What will happen to the force between the two positive charges which are released after being held near each other — **Force will decrease**
21. Which device is used to measure earthquakes? — **Seismograph**
22. Which bill cannot originate in Rajya Sabha? — **Money Bill**
23. Who can initiate the process of removal of the President before the expiry of his term? — **Both Houses of the Parliament**
24. Kobe Bryant is associated with which sport? — **Basketball**
25. Who wrote the Panchatantra? — **Vishnu Sharma**

CHSL 11/01/2017, 1st shift

1. The full form of PDF is — **Portable Document Format**
2. Electroscope was invented by — **Jean-Antoine Nollet**
3. Pulses are a rich source of — **Proteins**
4. Plant cell wall is made up of — **Cellulose**
5. The study of Fungi is also known as — **Mycology**
6. _____ fiber is used in making bristles for brushes. — **Nylon-66**
7. Acids turn _____ litmus _____. — **Blue, Red**
8. Agra Fort was built by — **Akbar**
9. Malayalam is primarily spoken in which State? — **Kerala**
10. The minimum price at which I was willing to sell my old TV was Rs. 7,000 I quoted Rs. 12,000 while selling it, but it sold for Rs. 10,500. This transaction generated — **Rs. 3,500 worth of producer surplus**
11. _____ is not a component of balance sheet. — **Revenue from sales of the company's products**
12. Automobile exhaust leads to a poisonous pollutant — **Carbon Monoxide**
13. The Gir National Park and the Sasan Gir Sanctuary of Gujarat are the only wildlife sanctuaries in India that have — **Asiatic Lions**
14. Name the first person from Bollywood to feature on the cover of Time magazine. — **Parveen Babi**
15. The glowing surface of the Sun is called — **Photosphere**
16. _____ season is when the sun is directly overhead the equator. — **Spring**
17. The Sino-Indian Border Conflict was a war between China and India that occurred in — **1962**
18. Alexander defeated _____ in the battle of Hydaspes. — **Porus**
19. Satish Pachauri is not a _____ winner. — **Magsaysay Award**
20. Sun light reaches earth in how many minutes? — **8 min**
21. In a projectile motion, the horizontal range achieved is same whether the body is projective at theta and — **90 degree minus theta**
22. Bicameral Legislature means — **Lower and Upper Chamber**
23. The Article 343 of the Indian Constitution is about — **Hindi as official language**
24. Where is the Head Quarters of International Cricket Council located? — **Dubai**
25. Long Walk to Freedom is written by — **Nelson Mandela**

CHSL 11/01/2017, 2nd shift

1. _____ is also known as the brain of the computer. — **CPU**
2. Soda water was invented by — **Joseph Priestley**
3. The outermost layer of skin is — **Epidermis**
4. _____ have root nodules. — **Leguminous plants**
5. Earth-worms belongs to the phylum — **Annelida**
6. The mass of proton and mass of _____ is same. — **Neutron**
7. Using _____ one can separate a solute from its solution. — **Evaporation**
8. Jantar Mantar is in — **Rajasthan & Delhi**
9. Salzburg Festival is held in which country? — **Austria**
10. If price of an article decreases from Rs.25 to Rs.20, quantity demanded increases from Q1 units to 1500 units. If point elasticity of demand is -1.25, find Q1 — **1200 units**
11. Birth rate in a country is defined as — **Number of births per 1000 in 1 Year**
12. Where is “The Geysers”, the world’s largest geothermal field, containing a complex of 22 geothermal plants, located? — **San Francisco**
13. Bauxite is an ore/mineral of — **Aluminium**
14. The real name of Dilip Kumar is — **Yusuf Khan**
15. The Gobi Desert is one of the largest deserts on Earth. A part of it lies in — **Mongolia**
16. Which is the largest continent in the world? — **Asia**
17. Aurangzeb put his father _____ under house arrest in Agra Fort. — **Shah Jahan**
18. The English defeated the _____ in the battle of Wandiwash. — **French**
19. Pulitzer prize is given in the field of — **Journalism**
20. What is the unit of electric resistance? — **Ohms**
21. Who invented Television? — **J L Baird**
22. How many members of the Rajya Sabha are elected every two years?— **One third**
23. The _____ does not declares India as a Communist state. — **Indian Constitution**
24. Shaquille O’Neal is associated with which sport? — **Basketball**
25. Ramcharitmanas is an epic poem written in which language? — **Awadhi**

CHSL 11/01/2017, 3rd shift

1. _____ is a volatile memory of a computer. — **RAM**
2. Postage Meter was invented by — **Arthur Pitney**
3. Ringworm is a disease caused by — **Fungi**
4. *Mangifera Indica* is the scientific name of — **Mango**
5. Crabs belongs to the phylum — **Arthropoda**
6. Who invented the modern periodic table? — **Mendeleev**
7. Isobars have — **Same mass number but different atomic numbrs**
8. The famous Brihadeshwara Temple is located in — **Thanjavur**
9. Maithili is primarily spoken in which state? — **Bihar**
10. If hiring an extra worker increases a factory’s output from 1000 to 1200 units per day, but the factory has to reduce the price of its product from Rs. 25 to Rs. 24 per unit to sell the additional output, the marginal revenue product of the last worker is — **3800**
11. Which law states that bad money drives good money out of circulation? — **Gresham’s law**
12. There is a protocol signed to reduce production of CFC, known as — **Montreal Protocol**
13. Malachite is an ore/mineral of — **Copper**
14. Pune was once known as the capital of — **Peshwas**
15. Total number of countries in the world are — **195**
16. Mars is also known as — **Red planet**
17. Anti-apartheid activist _____, was imprisoned for 27 year by the South African government in 1962. — **Nelson Mandela**
18. Chand Bibi was the ruler of — **Ahmednagar**
19. _____ is the 2016 Oscar Winner for Best Director — **Alejandro G. Inarritu**
20. If an atom has more electrons than protons, then it will be a — **Negative Ion**
21. Why metals conduct electricity? — **Because of free electrons**
22. To become a member of the Rajya Sabha a person should be at least _____ years old. — **30**
23. How many schedules does the Indian Constitution have? — **12**
24. When is International Olympic Day observed — **23rd June**
25. Author of famous book “12 years A Slave” is — **Solomon Northup Pirates**

CHSL 12/01/2017, 3rd shift

1. _____ is a server side scripting language. — **PHP**
2. Who invented Vacuum Flask? — **James Dewar**
3. Myopia is a defect of eyes which is also known as — **Near Sightedness**
4. Who is known as the father of Green Revolution? — **Dr. N E Borlaug**
5. *Panthera Tigris* is the scientific name of — **Tiger**
6. Glass is also called — **Supercooled liquid**
7. Pentane has ___ structural isomers. — **3**
8. Which is the representative of Dravida style of temple architecture? — **Viman**
9. Kud is a folk dance of — **Jammu & Kashmir**
10. Calculate the economic profit for a firm if its total revenues are Rs. 35 crores, explicit costs are Rs. 7 crores, and implicit costs are Rs. 10 crores. — **18 crores**
11. An increase in the growth rate of the nominal money supply results in — **Higher rate of Inflation**
12. Workers in leather tanning industries tend to suffer from — **Skin diseases**
13. Sphalerite is an ore/mineral of — **Zinc**
14. Jamaat-ul-Ahrar is a designated — **Terror Group**
15. Dehradun is the capital city of — **Uttarakhand**
16. Gir forest is located in — **Gujarat**
17. Babur was born in the year — **1483**
18. Who was the First Governor General of Bengal? — **Warren Hastings**
19. Who was the 1st Indian to win Mrs. World in 2001? — **Aditi Gowitrikar**
20. If a body slides over a surface the force resisting the motion between them is called — **Friction**
21. In a streamline flow, _____ at every point in the fluid remains same — **Velocity**
22. The drafting committee wrote the Indian Constitution in which language? — **English and Hindi**
23. 'M' in BIMARU stands for which state? — **Madhya Pradesh**
24. Who has won the Formula One Australian Grand Prix 2016? — **Nico Rosberg**
25. Who wrote the book 'Gone with the Wind'? — **Margaret Mitchell**

CHSL 13/01/2017, 1st shift

1. _____ is an example of Electrically-Erasable Programmable Read-Only Memory — **Flash**
2. Who developed the idea of Crop Rotation? — **Tumip Townsend**
3. How many facial bones are there? — **14**
4. Halophytes are plants that grow in — **Salt Water**
5. *Felis Catus* is the scientific name of — **Cat**
6. What is used to prevent freezing of fuel in space crafts? — **Glycol**
7. _____ is the major component of natural gas. — **Methane**
8. Victoria Memorial in Kolkata was proposed to be built by — **George Curzon**
9. Lavani is a folk dance of — **Maharashtra**
10. Calculate a country's GDP if for the year, consumer spending is \$400 million, government spending is \$150 million, investment by businesses is \$80 million, exports are \$35 million and imports are \$40 million — **\$625 million**
11. Economics assumes that — **People have unlimited desires but limited resources**
12. Carbon dioxide is not produced by — **Global warming**
13. Carnotite is an ore/mineral of — **Uranium**
14. Name the first country that has banned Pokemon Go. — **Iran**
15. Melghat Tiger Reserve is located in which state? — **Maharashtra**
16. Saturn is the ___ planet from the Sun. — **6th**
17. Shahjahan was the ___ Mughal ruler. — **Fifth**
18. Akbar was born in the year — **1542**
19. The first Indian to win Booker Prize is — **Arundhati Roy**
20. Work is a _____ quantity. — **Vector**
21. Terminal velocity — **is constant**
22. Fundamental duties are included in the Indian Constitution by the ___ Amendment. — **42nd**
23. In which year was the First Five Year Plan launched in India? — **1951**
24. Who is the former body builder, who became a film star and a governor? — **Arnold Schwarzenegger**
25. Who is the author of "Half Girlfriend"? — **Chetan Bhagat**

CHSL 15/01/2017, 1st shift

1. What is the mascot of Linux operating system? — **Penguin**
2. Dynamite was invented by — **Alfred Nobel**
3. The instrument used to measure Blood Pressure is — **Sphygmomanometer**
4. _____ induces nitrogen fixation in soil. — **Bacteria**
5. _____ is the largest known cell. — **Ostrich Egg**
6. The lowest layer of atmosphere is called — **Troposphere**
7. _____ is used to generate light, to weld metals. — **Acetylene**
8. Who built Hawa Mahal? — **Maharaja Pratap Singh**
9. Dandiya is a popular dance form of — **Gujarat**
10. If quantity of good X demanded increases from 2300 to 2700 when price of good Y increases from Rs. 45 to Rs. 55. find Arc Cross elasticity of demand. — **0.8**
11. _____ is not an assumption of perfect competition. — **Average total costs continually decrease**
12. The association of animals in which both the partners are benefitted is known as — **Mutualism**
13. Keoladeo Ghana National Park in Rajasthan was formerly called as — **Bharatpur Bird Sanctuary**
14. Mona Lisa is painted on — **Wood**
15. What is the study of Moon called? — **Selenology**
16. Which is the largest and deepest ocean? — **Pacific**
17. Chanakya was known as — **Kautilya**
18. Jawaharlal Nehru was born in the year — **1889**
19. What is the venue of 2020 Summer Olympics? — **Tokyo**
20. For what is Radiocarbon dating technique used? — **To estimate the age of fossils**
21. The strain produced in a body is directly proportional to the stress applied on it, is called — **Hooke's law**
22. Which article specifies Imposition of President's Rule in States? — **Article 356**
23. Who is the Chairman of the Planning Commission? — **Prime Minister**
24. The first woman Chess Grandmaster from India is — **S. Vijayalakshmi**
25. Who wrote 'Romeo & Juliet'? — **William Shakespeare**

CHSL 15/01/2017, 2nd shift

1. The transfer of data from one application to another in a computer system is known as — **Dynamic Data Exchange**
2. General anaesthetic was invented by — **Hanaoka Seishu**
3. Pneumonia affects organ of human body — **Lungs**
4. Mendel is known as — **Father of Genetics**
5. _____ are also known as Suicidal bag of Cells — **Lysosomes**
6. Which atmospheric layer contains ozone layer? — **Stratosphere**
7. _____ fiber is used in making bulletproof vests. — **Kevlar**
8. India Gate was designed by — **Sir Edwin Lutyens**
9. What is India's National Flower? — **Lotus**
10. If the average total cost are Rs. 54, average variable cost is Rs 36 and quantity produced in 2500 units, find the total fixed costs (in Rs) of the firm. — **45000**
11. Unemployment that arises when there is a general downturn in business activity is known as — **Cyclical unemployment**
12. Mesothelioma is a type of cancer. The most common area affected in it is the lining of the — **Lungs**
13. Manganite is an ore/ mineral of — **Manganese**
14. International Yoga day is celebrated on which day? — **21st June**
15. 'Sirius' the brightest star outside solar system, is also called — **Dog star**
16. In terms of size, Jupiter ranks no. _____ in our solar system — **1**
17. Who discovered sea route to India? — **Vasco-da-Gama**
18. Subhas Chandra Bose was born in the year — **1897**
19. Dhyani Chand has not been awarded — **Bharat Ratan**
20. Angular momentum is a _____ quantity — **Vector**
21. Density of water is maximum at — **4 degree Celsius**
22. Who elects the members of Rajya Sabha? — **Elected members of the Legislative Assembly**
23. What is the full form of MLA in the Indian constitution? — **Member of Legislative Assembly**
24. What was India's ranking in Rio Olympics 2016 medal List? — **67**
25. Who is the author of 'The Secret of the Nagas'? — **Amish Tripathi**

CHSL 15/01/2017, 3rd shift

1. The unit of measurement of a word length is — **Byte**
2. Who invented E-Mail? — **VA Shiva Ayyadurai**
3. Ammonia is also used as a — **Bio fertilizer**
4. _____ is an insectivorous plant? — **Utricularia**
5. _____ is a multibranched polysaccharide of glucose that serves as a form of energy storage in animals and fungi. — **Glycogen**
6. Which gas leaked in the Bhopal Gas tragedy in December 1984? — **Methyl isocyanate**
7. _____ is used for making vinegar. — **Acetic acid**
8. Who built Shantiniketan? — **Rabindra Nath Tagore**
9. The language in which Buddha preached? — **Pali**
10. If the average total cost are Rs 54, total fixed cost is Rs. 45000 and quantity produced is 2500 units, find the average variable costs (in Rs) of the firm. — **36**
11. The law of demand states that — **If the price of a good increases, the quantity demanded of that good decreases**
12. Major portion of the earth's crust is mainly constituted by — **Oxygen and Silicon**
13. Cinnabar is an ore/mineral of — **Mercury**
14. Who played the lead character in the movie "Bandit Queen"? — **Seema Biswas**
15. If a star bigger than Sun, but not more than twice as big, it will turn into a — **Pulsar**
16. Name the largest desert of Asia? — **Gobi Desert**
17. Who was appointed by Akbar as his Court Musician? — **Mian Tansen**
18. Ashoka was a king of which dynasty? — **Maurya**
19. Which Indian won a Nobel Peace Prize in 2014? — **Kailash Satyarthi**
20. One nanometer is equal to _____ meters. — **10 raised to the power (-9)**
21. What is the unit of relative density? — **It has no unit**
22. To be a voter in India, what is the minimum qualifying age? — **18 Years**
23. Indian Constitution came into force on — **26th January 1950**
24. The first Asian city to host Summer Olympic was? — **Tokyo**
25. Who is the author of "I Too Had A Love Story"? — **Ravinder Singh**

CHSL 16/01/2017, 1st shift

1. Processed data is known as— **Information**
2. Who invented logarithms? — **John Napier**
3. The largest gland of the human body is — **Liver**
4. Photosynthesis in plants takes place in — **Leaves**
5. Insects that transmit diseases are known as — **Vectors**
6. _____ gets converted to phosgene, when exposed to sunlight. — **Chloroform**
7. Who discovered benzene? — **Michael Faraday**
8. Who built Gateway of India? — **British Government**
9. Bhangra is a folk dance of — **Punjab**
10. If the break-even quantity for a factory whose variable cost of manufacturing a cell is Rs.15 and selling price is Rs.24 is 2,400 units, find the fixed cost of the factory. — **Rs. 21600**
11. At the equilibrium price — **Quantity demanded is equal to quantity supplied**
12. _____ is emitted from automobile exhaust is poisonous. — **Carbon Monoxide**
13. Molybdenite is an ore/mineral of — **Molybdenum**
14. Which state has decided to recruit transgender people as jail wardens? — **Odisha**
15. What are Equinox days? — **When day and night are equal**
16. Which is the largest Union Territory of India? — **Andaman and Nicobar Islands**
17. Mahatma Gandhi was born in which year? — **1869**
18. Jahangir was born in the year? — **1569**
19. Who won the Bharat Ratna on his 100th birthday? — **D.K. Karve**
20. Physical quantities, which have _____ only and no _____ are called scalar quantities. — **Magnitude, Direction**
21. Sudden fall in the barometric reading is an indication of — **Storm**
22. The Rajya Sabha members are elected for a term of _____ years. — **6**
23. The National Anthem was adopted by the Constituent Assembly in — **24th January 1950**
24. Who won the National Snooker Championship 2016? — **Aditya Mehta**
25. Who is the author of 'Train to Pakistan'? — **Khushwant Singh**

CHSL 16/01/2017, 2nd shift

1. Raymond Samuel Tomilson is famous for developing — **E-Mail**
2. Sewing machine was invented by — **Isaac Singer**
3. Which is the second largest gland of Human Body? — **Pancreas**
4. *Annova squamosa* is the scientific name of — **Cus-tard Apple**
5. Binomial Nomenclature was founded by — **Carl Linnaeus**
6. Acids are _____ of electricity in aqueous solution. — **Good Conductor**
7. _____ is used in making liquors, medicines and as a fuel in aircrafts. — **Ethyl alcohol**
8. The famous 'Hawa Mahal' is in which city of Rajasthan? — **Jaipur**
9. Where is Pushkar Fair held? — **Rajasthan**
10. If a person's income increases from Rs. 10 lakhs per year to Rs.11 lakhs per year and tax increases from Rs.80,000 to Rs.92,500 the marginal tax rate is — **12.50%**
11. Which tax is entirely borne by the entity it is levied upon and cannot be passed? — **Direct tax**
12. Kaziranga Natioanal Park is the only natural habitat of which endangered specie?. — **One-Horned-Rhinos**
13. Magnetite is an ore/mineral of — **Iron**
14. Who directed the movie "The man who knew infin-ity"? — **Matthew Brown**
15. Which are not inner planets? — **Jupiter, Saturn, Uranus, Neptune**
16. Earth is also known as — **Blue planet**
17. Who was the last Mughal emperor? — **Bahdur Shah**
18. Lal Bahadur Shastri was born in the year — **1904**
19. First Indian to win an individual Olympic medal? — **K.D. Jadhav**
20. Light travels fastest in — **Vacuum**
21. What is impulse equal to? — **Change in momen-tum**
22. Which country's constitution is the world's longest? — **India**
23. Who addresses as the Chairman of Rajya Sabha? — **Vice-President**
24. Ryder Cup is associated with which sport? — **Golf**
25. Who worte the book "Passage to India"? — **E. M. Foster**

CHSL 16/01/2017, 3rd shift

1. _____ are identified by the compiler? — **Logical Errors**
2. Who invented Helicopter? — **Sikorsky**
3. The disease Beri Beri is caused due to the deficiency of ? — **Vitamin B1**
4. Chlorophyll was first isolated and named by — **Caventou and Pelletier**
5. Which orgnism does not fit into the Cell Theory? — **Virus**
6. Tendency to gain electrons is not a characteristic of — **Tendency to gain electrons**
7. Ethylene is a _____ molecule. — **Nonpolar**
8. Gateway of India built by — **George Wittet**
9. Where was Pablo Picasso from? — **Spain**
10. If the fixed costs of a factory producing candles is Rs 20,000. selling price is Rs 30 per dozen candles and variable cost is Rs 1.5 per candle. What is the break-even quantity? — **20000**
11. The demand curve facing a perfectly competitive firm is — **Perfectly elastic**
12. If water smells bad, then that odour can be removed by adding — **Activated carbon**
13. Where is the Film and Television Institute of India located? — **Pune**
14. What is the mean temperature of Earth? — **16 de-gree Celsius**
15. Raipur is the capital of which Indian State? — **Chattisgarh**
16. What is the minimum age to contest Lok Sabha elec-tions? — **25 years**
17. Where was Mahatma Gandhi born? — **Gujarat**
18. Bahadur Shah (First) was born in the year — **1643**
19. Who was the first American to win Nobel peace prize? — **Theodore Roosevelt**
20. Acceleration is — **Directly proportional to force**
21. If ice floating on water in vessel melts, the water level in the vessel — **Does not change**
22. The Constitution of India was framed by — **Con-stituent Assembly**
23. First Indian to score a triple century in Test Cricket — **Virendra Sehwaq**
24. Who was the author of 'Interpreter of Maladies'? — **Jhumpa Lahiri**
25. Nagarhole National Park is part of the _____ Bio-sphere Reserve. — **Nilgiri**

CHSL 17/01/2017, 1st shift

1. Which monument enshrines the tomb containing the relics of St. Francis Xavier? — **Basilica of Bom Jesus**
2. Name the first Indian to get Nobel prize in economics. — **Amartya Sen**
3. Which compound is used as an Anti-malarial drug? — **Chloroquin**
4. Which of these is not a macronutrient for Plants? — **Chlorine**
5. Name the respiratory organs of insects? — **Tracheae**
6. Which element has the lowest melting point? — **Helium**
7. Which compound has the strongest hydrogen bond? — **HF**
8. A set of instructions executed directly by a computer's central processing unit is — **Machine Language**
9. Khasi tribes live in — **Meghalaya**
10. In 2015, the real rate of interest in a country was 6% and the inflation rate then was 3% So the nominal rate of interest in 2015 was — **9%**
11. In perfect competition a firm maximizes profit by — **Setting output such that price equals marginal costs**
12. Ozone hole is caused by chemicals like — **Chloro Fluoro Carbon**
13. The poisonous gas accidentally released in Bhopal Gas Tragedy was — **Methyl Isocyanate**
14. Which country has the most coal reserves? — **USA**
15. Venus is the _____ planet from the Sun. — **2nd**
16. What is the capital of Australia? — **Canberra**
17. Ashoka was an emperor of the _____ Dynasty. — **Maurya**
18. Which Mughal emperor imprisoned his father and executed his brother? — **Aurangzeb**
19. Piano was invented by — **Bartolomeo Cristofori**
20. What is the viscosity of an ideal fluid? — **Zero**
21. The SI unit of intensity of sound is — **Watt per square meter**
22. Indian Constitution has how many Schedules? — **8**
23. Who was the first Deputy Speaker of Lok Sabha? — **M. Ananthasayanam Ayyangar**
24. Martin Crowe was a cricketer of which country? — **New Zealand**
25. Who wrote the book 'Untouchable'? — **Mulk Raj Anand**

CHSL 17/01/2017, 2nd shift

1. How many layers are there in the OSI networking model? — **7**
2. Christmas Card was invented by — **Sir Henry Cole**
3. What does Trypsin do? — **Breaks down proteins**
4. Name the source from which Aspirin is produced? — **Willow bark**
5. *Canis Familiaris* is the scientific name of — **Dog**
6. Name the acid present in lemon. — **Citric Acid**
7. The conversion of hard water into soft water by boiling or adding Calcium Hydroxide is called — **Clarke's process**
8. Group of Monuments at Pattadakal is in — **Karnataka**
9. 2016 Hemis festival was held in — **Jammu and Kashmir**
10. Find are elasticity of demand, if quantity demanded falls from 1000 to 950 when price of the item is increased from Rs. 240 to Rs. 280? — **-0.33**
11. A price floor is — **A minimum legal price**
12. Concentration of water vapour in troposphere is — **0% - 4%**
13. Harmful bacteria in potable water make the water — **Unfit to drink**
14. First country to impose Carbon Tax is — **New Zealand**
15. Elephanta Caves is located in which city? — **Mumbai**
16. Spring tides occur when — **The moon, the sun and the earth are in the same line**
17. Humayun's Tomb was built by — **Hamida Banu Begaum**
18. Who built Sarmati Ashram? — **Mahatma Gandhi**
19. Which movie got the Best Film Award in 2016 IIFA Award? — **Bajrangi Bhaijaan**
20. Why does a fountain pen leak in aeroplane flying at a height? — **Because of lower atmospheric pressure outside the pen**
21. Instrument for measuring wind velocity is called — **Anemometer**
22. In the presence of whom, does the President takes Oath? — **Chief Justice of India**
23. Who was the first Indian Chief Election Commissioner? — **Sukumar Sen**
24. Phil Mickelson plays which International Sport? — **Golf**
25. Who is the author of the book "The White Tiger"? — **Aravind Adiga**

CHSL 17/01/2017,3rd Shift

1. From which monument, Gautama Budha propagated his divine knowledge of Buddhism to the world? — **Mahabodhi Temple Complex**
2. Which is the second highest civilian award given in India? — **Padma Vibhushan**
3. Which drug is used as an Anti-Inflammatory? — **Prednisone**
4. *Musa paradisiaca* is the scientific name of which plant? — **Banana**
5. Prawns belong to which family? — **Crustaceans**
6. Adding which substance gives blue colour to glass? — **Cobalt oxide**
7. The (O-H) bond in CH_2OH is — **Polar covalent**
8. What is the base of the Octal Numeral System? — **8**
9. Official language of Tripura is — **Bengali**
10. If price of an article decreases from Rs.40 to Rs.30, quantity demanded increases from Q1 units to 7500 units. If point elasticity of demand is -1, find Q1? — **6000 units**
11. Micro economics deals with — **The decision making of a single economic variable like demand**
12. Name the drug that is yielded from Cinchona tree and is used to cure malaria. — **Quinine**
13. When did the US drop the atomic bomb on Japanese city Hiroshima? — **6th August 1945**
14. The Great Smog of 1952 was a severe air-pollution event which affected — **London**
15. 1 degree of latitude is equal to — **111 Km**
16. Which city is located on the banks of the river Brahmaputra? — **Dibrugarh**
17. Adolf Hitler committed suicide in — **1945**
18. Humayun (1530-1540 AD) was the ruler which dynasty? — **Mughal**
19. Blood Circulation was discovered by? — **William Harvey**
20. What are the two kinds of Rotatory motion? — **Spin and Orbital motion**
21. _____ is the perpendicular distance between point of application of force and axis of rotation. — **Moment arm**
22. As per John Locke, an English philosopher and physician, which is not a Natural Right? — **Right to Vote**
23. How many seats are reserved for representatives of Scheduled Castes and Scheduled Tribes in Lok Sabha? — **131**
24. The term "Birdie" is related to which game? — **Golf**
25. Name the author of the book "All About Women". — **Taslima Nasreen**

CHSL 18/01/2017,1st Shift

1. Which temple is built in the form of the chariot of Surya, the Sun God with 24 wheels? — **Konark Sun Temple**
2. Kangan Ranout has won how many National awards? — **3**
3. Vitamin A is also known as — **Retinol**
4. Some roots, called _____, arise from an organ other than the radicle. — **Adventitious Roots**
5. Spiders belong to which class of animals? — **Arachnids**
6. Which metal has the lowest melting point? — **Mercury**
7. Ethane gas has a slightly _____ taste. — **Sweet**
8. ROM in computer science stands for? — **Read Only Memory**
9. Chappeli is a folk dance form of which state? — **Uttarakhand**
10. The minimum price at which I was willing to sell my old TV was Rs 37,000. I quoted Rs. 50,000 while selling it, but sold for Rs. 42,000. This Transaction generated — **Rs. 5000 worth of producer surplus**
11. _____ is a good whose quantity demanded decreases when consumer income rises. — **Inferior good**
12. Which processes are responsible for causing rain? — **Evaporation and Condensation**
13. Manas National Park is in which state? — **Assam**
14. Who sang the song "Jag Ghoomeya" from the Movie Sultan? — **Rahat Fateh Ali Khan**
15. Marble is a metamorphic rock of — **Limestone**
16. Which city is located on the banks of the river Chambal? — **Kota**
17. The battle of Tarain was fought between Prithviraj Chauhan and — **Muhammad Ghori**
18. World War II started in the year? — **1939**
19. ISRO built India's first satellite known as — **Aryabhata**
20. The value of acceleration due to gravity (g) at a distance of 2R from the surface earth, where R is the radius of earth is — **g/9**
21. SI unit of moment of inertia is — **Kg.m²**
22. What is the full form of the Indian Political Party, "AITC"? — **All India Trinamool Congress**
23. The number of parliamentary seats (Rajya Sabha) of Karnataka is — **12**
24. Apurvi Chandela is related to — **Shooting**
25. Who wrote the book "The Broken Wing"? — **Sarojini Naidu**

CHSL 18/01/2017,2nd Shift

1. Isfahan, the Persian Capital is said to have provided the inspiration to build which monument? — **Red Fort Complex**
2. C. V. Raman won Nobel Prize in — **Physics**
3. How many layers does Human Skin have? — **3**
4. *Allium Cepa* is the Scientific name of — **Onion**
5. DNA stands for — **Deoxyribonucleic Acid**
6. Natural rubber is a polymer of — **Isoprene**
7. Why does carbon tetrachloride have no dipole moment? — **Because of regular tetrahedral structure**
8. Convert decimal number 101 to binary. — **1100101**
9. 'Vallam Kali Boat Race' is held in which state? — **Kerala**
10. If price of an article decreases from Rs P1 to Rs.75, quantity demanded increases from 1000 units. If point elasticity of demand is -3.2, find P1. — **80**
11. Match the characteristics with their market structure
(a) Differentiated products, but close substitutes for consumers so their demand curves are elastic — **Monopolistic Competition**
(b) Homogeneous product, all goods are perfect substitutes for consumers — **(b) Pure Competition**
12. Which gas is produced due to incomplete combustion of fuel? — **Carbon Monoxide**
13. Organisms that generate energy using light are known as — **Photoautotrophs**
14. Which is the first Hindi newspaper of India? — **Udant Martand**
15. What is the capital of Portugal? — **Lisbon**
16. Madrid is the Capital City of — **Spain**
17. Alexander the Great was born in — **356 BC**
18. Akbar (1556-1605 AD) was the ruler of which dynasty? — **Mughal**
19. Who invented Rocket? — **Robert Goddard**
20. Weight of a person at a height of 2R from of the earth, where R is the radius of the earth — **Becomes one-fourth**
21. How can we measure specific gravity of milk? — **Using a hydrometer**
22. Constitution Day of India is on — **26th November**
23. Article 44 of the Indian Constitution "Uniform civil code for the citizens" deals with — **The Directive Principles of State Policy**
24. Who is the first Indian cricketer to have scored a triple hundred in test cricket? — **Virendra Sehwag**
25. Who wrote the book "The Arabian Nights"? — **Richard Burton**

CHSL 18/01/2017,3rd Shift

1. The Indian Parliament House was designed by — **Edwin Lutyens**
2. Raghuvver Chaudhari won Jnanpith Award for work in which language? — **Gujarati**
3. Which drug is used as an Antidepressant? — **Bupropion**
4. The orange colour of carrot is because of — **Carotene**
5. Snake venom is highly modified saliva containing — **Zootoxins**
6. Heavy water is — **Deuterium oxide**
7. Which element has highest electronegativity? — **Fluorine**
8. How many GB is equal to 1 TB? — **1024**
9. Most airports in India are named after — **Politicians**
10. Find arc elasticity of demand, if quantity demanded falls from 1050 to 950 when price of the item is increased from Rs 250 to Rs 290? — **-0.68**
11. Suppose the equilibrium price for sugar is Rs 50/kg. If the government sets a price floor of Rs 70/kg then — **There will be a surplus of sugar in the market.**
12. Madhya Pradesh has the highest number of reserves of which animal? — **Tiger**
13. Which type of pathogen causes the water-borne disease Schistosomiasis? — **Parasitic**
14. The highest airport in India is — **Leh airport**
15. World's longest land border is between which two countries? — **Canada and USA**
16. Baghdad is the capital City of — **Iraq**
17. The Bibi Ka Maqbara is a tomb located in _____. It was built by Azam Shah, son of Aurangzeb, in 1678. — **Aurangabad**
18. Battle of Kanauj was fought in the year — **1540**
19. Which company developed Java? — **Sun**
20. Who established the foundations of the Quantum theory? — **Max Planck**
21. If in a motion, the axis of the rotation passes through an object, then the motion is called — **Spin motion**
22. Call sign of any aircraft carrying the Indian President is — **Air India One**
23. Article 32 of the Indian Constitution "Remedies for enforcement of rights conferred by this Part" deals with? — **The Fundamental rights of the Indian Citizen**
24. First Indian sportsperson to win an individual Olympics silver for India is? — **Rajyavardhan Singh**
25. Who wrote the Harry Potter series? — **J.K. Rowling**

CHSL 19/01/2017, 1st Shift

1. The command that merges the contents of one file to another is — **APPEND**
2. Dishwasher was invented by — **Josephine Cochrane**
3. Prothrombin, responsible for clotting of blood is released by — **Blood Platelets**
4. *Acacia arabica* is the scientific name of — **Babul**
5. *Canis Vulpes* is the scientific name of — **Fox**
6. What is the pH of water? — **7**
7. Solid Carbon Dioxide is known as — **Dry ice**
8. Oil paint was first used for buddhist paintings by Indian and Chinese painters in western _____ sometime between the fifth and tenth centuries. — **Afghanistan**
9. Flamingo festival is celebrated in which state? — **Andhra Pradesh**
10. If for the year a country's GDP was \$990million, consumer spending was \$630 million, investment by business was \$110 million, exports were \$55 million and imports were \$45 million, calculate government spending? — **\$240 million**
11. In economic equilibrium — **Supply is equal to the demand.**
12. Beryl is an ore/mineral of — **Beryllium**
13. What is the Greenhouse Effect? — **It is the warming of earth's surface due to its atmosphere**
14. The longest railway platform in India — **Gorakhpur**
15. In terms of size, Saturn ranks no. _____ in our Solar System. — **2**
16. Which continent has the smallest land area? — **Europe**
17. Who built Jodhpur Fort? — **Rao Jodhaji**
18. Battle of Panipat was fought in the year — **1526**
19. Name the first Indian to get Nobel prize in literature. — **Rabindranath Tagore**
20. Atmospheric pressure is measured by — **Barometer**
21. Instrument for measuring rainfall is called — **Hyetometer**
22. What is the total number of members in Rajya Sabha from States and Union Territories? — **238**
23. The Look East Policy in India was started by which Prime Minister? — **P.V. Narasimha Rao**
24. Who won the Gold medal in 400m sprint in 2016 Summer Olympics? — **Wayde van Niekerk**
25. Who wrote the book "The God of Small Things"? — **Arundhati Roy**

CHSL 19/01/2017, 2nd Shift

1. A World Heritage Site is a landmark which has been officially recognized by — **UNESCO**
2. Rabindranath Tagore won Nobel Prize for? — **Literature**
3. Which drug is used to cure Hypertension? — **Hydralazine**
4. The beetroot is the _____ portion of the beet plant. — **Tap root**
5. What is the basic unit of heredity? — **Gene**
6. Acetic acid is known as — **Vingar**
7. P-Cl is a _____ bond. — **Polar Covalent**
8. _____ tells the computer's memory, arithmetic/logic unit and output device how to respond to a program's instructions. — **Control Unit**
9. Official language of Meghalaya is — **English**
10. If demand curve for trekking boots is $D = 11000 - 30P$ and supply curve is $S = 4000 + 40P$, What is the equilibrium Price? — **100**
11. At same money supply, if the government reduces the tax rate what will happen? — **Disposable income will surely increases**
12. Carbon Monoxide is a — **Toxic Gas**
13. Which chemical is used to ripen mangoes artificially? — **Calcium Carbide**
14. The Yellow river passes through which country? — **China**
15. Capital City of Myanmar is — **Naypyidaw**
16. What is the capital of Argentina? — **Buenos Aires**
17. India and China signed 'Panchsheel Pact' in the year — **1954**
18. When did 'Jalianwala Bagh' tragedy occur? — **13th April 1919**
19. Hypertext was invented by — **Ted Nelson**
20. If an object, on a free fall from a certain height, reaches the ground in 1 second, what is its velocity on the impact with the ground? — **9.8 m/s**
21. If in a motion, the axis of the rotation does not pass through the object, then the motion is called — **Orbital Motion**
22. The Constitution of which country is the longest written constitution of any sovereign country in the world? — **India**
23. The number of parliamentary seats (Lok Sabha) of Karnataka is — **28**
24. _____ is the national sport of England. — **Cricket**
25. Who wrote "The Jungle Book"? — **Rudyard Kipling**

CHSL 19/01/2017, 3rd Shift

1. Garden inside the Taj Mahal is known as — **Mughal Garden**
2. How many Filmfare awards has Shahrukh Khan won? — **15**
3. Which drug is used to cure Glaucoma? — **Latanoprost**
4. _____ are a group of Chemicals that influence cell division and shoot formation. — **Cytokinins**
5. Lungs are the Primary organs of — **Respiration**
6. Who discovered Oxygen? — **Carl Scheele**
7. Electrons in the highest energy level of an atom are called — **Valence electrons**
8. How many KB is equal to 1GB? — **1024x1024**
9. The Queen who had the nick name “Bloody Mary”? — **Mary I**
10. Find arc elasticity of demand, if quantity demanded falls from 4600 to 4200 when price of the item is increased from Rs 960 to Rs 1000? — **-2.23**
11. Match the characteristics with their market structure:
(a) Difficult entry (often due to economies of scale) — **Oligopoly**
(b) Can sell as much as it can at market price — **Pure competition**
12. Which state has the maximum area of Mangrove forest? — **West Bengal**
13. Manas Tiger Reserve is in which state? — **Assam**
14. First man to go into space was — **Major Yuri Gagarin**
15. India has how many states? — **29**
16. Which country is the largest producer of Wheat? — **China**
17. Noor Jahan was wife of which Mughal Emperor? — **Jahangir**
18. Battle of Tarain was fought in the year — **1191**
19. Who invented the Lightning Rod in 1749? — **Benjamin Franklin**
20. An object is in static equilibrium when it is — **At rest**
21. _____ through a plane surface is the product of the magnetic flux density normal to the surface and the area of the surface. — **Magnetic Flux**
22. First country to make written constitution is — **USA**
23. The number of parliamentary seats (Lok Sabha) of Chandigarh is — **1**
24. Which country won the ICC Under-19 Cricket World Cup in 2016? — **West Indies**
25. “Malgudi Days” was written by — **RK Narayan**

CHSL 20/01/2017, 1st Shift

1. Which world heritage site comprises of the tomb of Iltutmish? — **Qutub Minar**
2. Highest Civilian Honour received by Mary Kom is — **Padma Bhushan**
3. Which drug is used for Pain Relief? — **Tramadol**
4. Sugarcane is a type of — **Grass**
5. Who is commonly known as ‘The Father of Microbiology’? — **Antonie Philips van Leeuwenhoek**
6. Neoprene is a — **Synthetic rubber**
7. NaCl has — **Ionic bonds**
8. _____ is equivalent to 1 Kilobyte. — **1024 Bytes**
9. Official language of Dadra and Nagar Haveli is — **Marathi**
10. If demand curve for racing cycles is $D = 59600 - 6P$ and supply curve is $S = 26900 + 4P$ find the equilibrium Quantity? — **41600**
11. What is opportunity cost? — **The loss of other alternatives when one alternative is chosen**
12. For the aquatic organisms, the source of food is — **Phytoplankton**
13. Haemoglobin has the highest affinity with — **CO**
14. The Lena river passes through which country? — **Russia**
15. Mars is the _____ planet from the Sun. — **4th**
16. Which city is located on the banks of the river Alaknanda? — **Badrinath**
17. Kalinga War was fought in the year — **261BC**
18. The League of Nations was formed at the end of which war? — **World War I**
19. Who developed the theory of Evolution? — **Charles Darwin**
20. SI Unit of Distance is — **Meter**
21. The apparent weight of a person in a lift which is moving down with uniform acceleration is — **Less than the weight when the person is stationary**
22. The form of power structure in which power effectively rests with a faction of persons or families is called — **Oligarchy**
23. The number of parliamentary seats (Lok Sabha) of Haryana is — **10**
24. Jeev Milkha Singh is associated with which game? — **Golf**
25. Name the author of the book “Pakistan the Gathering Storm”. — **Benazir Bhutto**

CHSL 20/01/2017, 2nd Shift

1. Khajuraho Group of monuments are attributed to which dynasty? — **Chandela**
2. Ravuri Bharadhwaja won Jananpith Award for work in which language? — **Telugu**
3. The primary function of RNA is — **Protein Synthesis**
4. _____ is the movement of molecules across a cell membrane for a region of their lower concentration to a region of their higher concentration. — **Active Transport**
5. Study of classification of organisms is known as — **Taxonomy**
6. Which metal has the lowest melting point? — **Mercury**
7. The common name of Sodium Bicarbonate is — **Baking soda**
8. A computer language that expresses the presentation of structured documents, such as CSS, is called — **Style Sheet Language**
9. Who started Ganesha Festival? — **Lokmanya Tilak**
10. If hiring an extra worker increases a brick making unit's output from 2000 to 2250 units per day, but the factory has to reduce the price of its brick from Rs 15 to Rs 14 per brick to sell the additional output, the marginal revenue product of the last worker is — **Rs. 1500**
11. _____ is the unemployment which exists in any economy due to people being in the process of moving from one job to another. — **Cyclical unemployment**
12. The highest number of tube wells is found in which one of the following countries? — **India**
13. The soil found in the Eastern and Western coasts of India is — **Laterite**
14. _____ is a free encyclopedia, written collaboratively by the people who use it? — **Wikipedia**
15. Equal day/Night in both hemispheres is on _____. — **21st March and 23 September**
16. Prague is the Capital City of — **Czech Republic**
17. Shahjahan built the Taj Mahal for? — **Mumtaz**
18. In which year, Shivaji was crowned as the Chhatrapati? — **1674**
19. Who Invented the nuclear reactor? — **Enrico Fermi**
20. What is the angle between centripetal acceleration and tangential acceleration? — **90°**
21. Rectifiers convert — **AC to DC**
22. Nationalist Congress Party was founded in — **1999**
23. Bharatiya Janata party is a part of which political group? — **National Democratic Alliance**
24. Hopman cup is related to — **Lawn tennis**
25. Who wrote the book - "The Argumentative Indian"? — **Amartya Sen**

CHSL 20/01/2017, 3rd Shift

1. Which world heritage site comprises of the Alai Darwaza Gate? — **Qutub Minar**
2. Highest Civilian Honour received by Azim Premji is — **Padma Vibhushan**
3. Which drug is used as Anti-Diabetic Drug? — **Metformin**
4. Photosynthesis takes place inside plant cells in — **Chloroplast**
5. _____ is the cell organelle, in which the biochemical processes of respiration and energy production occur. — **Mitochondria**
6. LPG is a mixture of — **Butane and propane**
7. What happens when one S and one P orbital is hybridized? — **We get two orbitals at 180 degrees**
8. A formal language used to express information or knowledge, often for use in computer system design is? — **Modeling language**
9. Official language of Daman and Diu is — **Konkani**
10. If demand curve for racing cycles is $D = 80200 - 13P$ and supply curve is $S = 6200 + 12P$, What is the equilibrium Quantity? — **41720 units**
11. Match the characteristics with their market structure: (a) $MC = Price$ — **Pure Competition**
(b) Firm will tend to set output so that it earns maximum profits — **Pure Monopoly**
12. To which habitat is the turtle Petri adapted? — **Sea**
13. Bandipur National Park is in which state? — **Karnataka**
14. Which is the first newspaper of India? — **Bengal Gazette**
15. Which state in India has the longest coastline? — **Gujarat**
16. London is the Capital City of — **United Kingdom**
17. Adolf Hitler was from — **Germany**
18. Babur (1526-1530 AD) was the ruler of which dynasty? — **Mughal**
19. What did J. B. Dunlop invent? — **Pneumatic Rubber Tire**
20. When net torque is zero, _____ will be constant. — **Angular Momentum**
21. Newton's first law is also known as — **Law of Inertia**
22. The tenure of the members of Lok Sabha is for how many years? — **5**
23. Article 41 of the Indian Constitution "Right to work, to education and to public assistance in certain cases" deals with? — **The Directive Principles of State Policy**
24. Anju Bobby George is associated with which game? — **Athletics**
25. Who wrote the book - "The test of my life"? — **Yuvraj Singh**

CHSL 210/01/2017, 1st Shift

1. Which caves is a cultural mix of religious arts of Buddhism, Hinduism and Jainism? — **Ellora**
2. Which Indian actor has won maximum number of National awards? — **Shabana Azami**
3. Which induces souring of milk? — **Lactic Acid**
4. Which non-flowering, spore bearing plants have roots? — **Ferns**
5. _____ is an excretory organ of cockroach. — **Malpighian Tubules**
6. The Chemical formula of Cadmium nitrate is — **$CD(NO_3)_2$**
7. The common name of Hydrogen Peroxide is — **Bleach (Liquid)**
8. _____ is a series of supercomputers designed and assembled by the Centre for Development of Advanced Computing (C-DAC) in Pune, India. — **PARAM**
9. Bharatanatyam is a folk dance of which state? — **Tamil Nadu**
10. Reema wants to buy a certain designer party dress. The shop is offering a discount of 20% on that dress which is marked at Rs 5000. If Reema was willing to pay even Rs 7000 for that dress, Reema's consumer surplus is — **Rs 3000**
11. The unemployment created at certain time of the year, when the demand for goods and services are lower than normal, is _____ — **Seasonal unemployment**
12. Evaporation of water takes place in which part of plants? — **Stomata**
13. Kalakkad-Mundanthurai Tiger Reserve is in which state? — **Tamil Nadu**
14. Picture of which US President is on the 5 dollar note? — **Abraham Lincoln**
15. Which country is the largest producer of Guava? — **India**
16. Port Blair is the Capital City of — **Andaman and Nicobar Islands**
17. Battale of Plassey was fought in — **1757**
18. Shah Jahan (1627-1657 AD) was the ruler of which dynasty? — **Mughal**
19. Who was the first Indian astronaut to travel in space? — **Rakesh Sharma**
20. $AV=\text{constant}$, where A=area of cross-section and V=velocity of fluid. This equation is called — **Equation of continuity**
21. A body in equilibrium — **Can move with constant velocity**
22. All India Trinamool Congress was founded in the year — **1998**
23. Indian National Congress is a part of which political group? — **United Progressive Alliance**
24. Which country won the Sultan Azlan Shah cup in 2016? — **Australia**
25. Who wrote the book- "The Algebra of Infinite Justice"? — **Arundhati Roy**

CHSL 21/01/2017, 2nd Shift

1. Which World Heritage Moument has been acclaimed as the "Necropolis of the Mughal dynasty"? — **Humayun's Tomb**
2. Highest Civilian Honour received by Priyanka Chopara is — **Padma Shri**
3. Which drug is used to cure Osteoporosis? — **Risedronate**
4. A _____ is the fleshy, spore-bearing fruiting body of a fungus. — **Mushroom**
5. Dermatitis is a — **Fungal disease**
6. _____ is present in Nail Polish remover. — **Acetone**
7. What is the formula of potassium ion in the noble gas state? — **K^+**
8. Unix operating system was developed in 1970s by — **Bell Labs**
9. Official language of Kerala is — **Malayalam**
10. If price of an article decrease from Rs.18 to Rs.16, quantity demanded increases from 1250 units to 1400 units. What is the point elasticity of demand? — **-1.08**
11. If goods A and B are substitutes, a decrease in the price of good B will — **Decrease demand for good A**
12. Qatar is the highest per capita emitter of which gas? — **Carbon Dioxide**
13. Where is Dachigam National Park located? — **Jammu & Kashmir**
14. Name the first satellite of India dedicated exclusively for educational purposes. — **EDUSAT**
15. In terms of size, Uranus ranks no. _____ in our Solar System. — **3**
16. Hyderabad is the Capital City of — **Telangana**
17. Who was first Viceroy and Governor-General of pre-independence era? — **Lord Canning**
18. Jahangir was the son of? — **Akbar**
19. Isaac Newton invented— **Teflecting Telescope**
20. Work is a _____ quantity. — **Scalar**
21. What is inertia? — **Tendency to resist change in the current state**
22. Article 356 of the Indian Constitution is about — **Imposition of President's Rule in States**
23. The number of parliamentary seats (Lok Sabha) of Maharashtra is — **48**
24. Which cricketer scored 400 runs in an innings in Test Cricket? — **Brian Lara**
25. Name the author of the book "Discovery of India". — **Jawahar Lal Nehru**

CHSL 21/01/2017, 3rd Shift

1. _____ caves are a network of sculpted caves located in Mumbai Harbour. — **Elephanta**
2. National Film awards has been administered since — **1973**
3. In which form is glucose stored in our body? — **Glycogen**
4. Where do plants synthesize protein from? — **Amino Acids**
5. Which part of the brain is responsible for triggering actions like thinking, intelligence, memory and ability to learn? — **Cerebrum**
6. Which element has the lowest melting point? — **Helium**
7. Atomic number of Sodium is _____ than of Fluorine. — **Greater**
8. Convert decimal number 106 to binary. — **1101010**
9. Bihu is a folk dance of which state? — **Assam**
10. A manufacturer faces a -1.2 price elasticity of demand for its product. It is presently selling 7,500 units/day. If it wants to increase quantity sold by 9%, it must lower its price by — **7.5 Percent**
11. Government borrowing to finance budget deficits _____. — **Will put upward pressure on interest rates**
12. _____ is also known as the Biochemical Laboratory of the Human Body. — **Liver**
13. Bandhavgarh National Park is in which state? — **Madhya Pradesh**
14. How many steps are there in Suryanamaskar? — **12**
15. Who proposed Continental drift theory? — **Alfred Wegener**
16. What is the capital of Canada? — **Ottawa**
17. The Renaissance is a period in Europe, from the — **14th to the 17th century**
18. Aurangzeb (1658-1707 AD) was the ruler of which dynasty? — **Mughal**
19. Who invented the contact lens? — **Adolf Gaston Eugen Fick**
20. Electrons move around the nucleus in _____ motion. — **Orbital**
21. Blood pressure is measured by — **Sphygmomanometer**
22. First Leader of Opposition in Lok Sabha was — **A. K. Gopalan**
23. The number of Parliamentary Seats (Rajya Sabha) of West Bengal is — **16**
24. _____ recommended change in the structure and working of BCCI. — **Lodha Committee**
25. Who wrote the book "Five Point Someone: What Not to Do at IIT"? — **Chetan Bhagat**

CHSL 22/01/2017, 1st Shift

1. Ajanta Caves in Maharashtra have rock-cut cave monuments of which religion? — **Buddhism**
2. Highest Civilian Honour received by Saina Nehwal is — **Padma Bhushan**
3. The yellow colour of human urine is due to — **Urochrome**
4. The wilting of plants takes place due to — **Transpiration**
5. *Bovidae Ovis* is the scientific name of _____. — **Sheep**
6. Which glass is used to make spectacles? — **Crook's glass**
7. Barium loses _____ electrons to achieve noble gas electron configuration. — **2**
8. Who is known as the father of computing? — **Charles Babbage**
9. Telugu is the official language of — **Andhra Pradesh**
10. If demand curve for trekking boots is $D = 67500 - 18P$ and supply curve is $S = 22500 + 12P$, find the equilibrium Price? — **1500**
11. Full employment is the level at which there is — **No cyclical unemployment**
12. Plants get their energy to produce food from? — **Sun**
13. Sundarbans Tiger Reserve is in which state? — **West Bengal**
14. Ad Valorem tax is levied on? — **Value**
15. What is the approximate circumference of earth? — **40,000 Km**
16. In terms of size, Mars ranks no. _____ in Solar System. — **7**
17. Whose reign in Indian History is called the Golden Age of India? — **Gupta Empire**
18. What were the names of Atom dropped on Japan? — **Little Boy & Fat Man**
19. Who discovered Pluto? — **Clyde Tombaugh**
20. As per Newton's law of gravitation, the force between two bodies is — **Directly proportional to the product of their masses**
21. Sound can not travel in which of the following medium? — **Vacuum**
22. Who was the second woman to become the president of the Indian National Congress in 1925 and the first Indian woman to do so? — **Sarojini Naidu**
23. The number of parliamentary seats (Lok Sabha) of Gujarat is? — **26**
24. Geet Sethi is associated with which game? — **Billiards**
25. Who is the author of "Two States"? — **Chetan Bhagat**

CHSL 22/01/2017, 2nd Shift

1. The Group of Monuments at Hampi is an important _____ centre? — **Hindu**
2. Name the first Indian to get Bharat Ratna Posthumously. — **Lal Bahadur Shastri**
3. _____ is secreted by the liver? — **Bile**
4. Ferns belong to which division of plants? — **Pteridophyta**
5. Who invented Antibiotics? — **Alexander Fleming**
6. The Chemical formula of Methanol is — CH_3OH
7. Why do atoms bond? — **To reduce potential energy and gain stability**
8. A grammar for annotating a document in a way that is syntactically distinguishable from the text, such as HTML, is — **Markup Language**
9. Gaur dance is a popular folk dance of _____. — **Chhattisgarh**
10. A hand made paper workshop can hire 8 craftsmen by paying them Rs 400 per person per day. The 9th craftsman demands Rs 450 per day. If this craftsman is hired then all other craftsmen must be paid 450. The marginal resource (labour) cost of the 9th craftsman is — **Rs 850**
11. Unemployment resulting from industrial reorganization, typically due to technological change, rather than fluctuations in supply or demand is called — **Structural unemployment**
12. _____ is known to be absolutely free from any impurity? — **Distilled Water**
13. Milbecycin is used in the eradication of — **Agricultural Pests**
14. Name the first woman to become Chief Justice of a state High Court in India. — **Leila Seth**
15. Which is the coldest planet? — **Neptune**
16. What is the capital of Austria? — **Vienna**
17. Chandragupta Maurya was born in — **340 BC**
18. Jahangir (1605-1627 AD) was the ruler of which dynasty? — **Mughal**
19. Earth revolves around Sun. Who was the 1st one to present this theory? — **Copernicus**
20. _____ is same on every point on a rotating body. — **Angular velocity**
21. The path of a projectile is called its — **Trajectory**
22. Bahujan Samaj Party was founded in — **1984**
23. In which language, Lok Sabha debates are printed? — **Hindi & English**
24. Brendon McCullum is a cricketer of — **New Zealand**
25. Who wrote the book - "The Three Musketeers"? — **Alexandre Dumas**

CHSL 22/01/2017, 3rd Shift

1. _____ railway station is a World Heritage Site? — **Chhtrapati Shivaji Terminus**
2. Name the first female Nobel Prize winner from India. — **Mother Teresa**
3. Intestinal bacteria synthesizes _____ in the human body? — **Vitamin K**
4. _____ is the study of the physical form and external structure of plants. — **Phytomorphology**
5. Which of the following is a structural and functional unit of kidneys? — **Nephrons**
6. The Chemical formula of Acetic acid is — CH_3COOH
7. The common name of Sodium Tetraborate Decahydrate is — **Borax**
8. ASP in computer science stands for? — **Application Service Provider**
9. Giddha is a folk dance of which state? — **Punjab**
10. A manufacturer faces price elasticity of demand of a -1.25 for its product. If it lowers its price by 6.4%, the increase in quantity sold will be — **8 %**
11. If money supply growth is faster than real GDP growth, it results in — **Inflation**
12. Algae belongs to level of the ecosystem. — **Producers**
13. Which park also shares its boundaries with Bangladesh? — **Sundarbans National Park**
14. ATM stands for — **Automated Teller Machine**
15. In terms of size, Neptune ranks no. _____ in our Solar System. — **4**
16. Abu Dhabi is the Capital City of — **United Arab Emirates**
17. In Akbar's regime, _____ was the military head. — **Mir Bakshi**
18. Who pioneered the guerrilla warfare methods? — **Shivaji**
19. Who Invented Universal Standard Time? — **Sandford Fleming**
20. _____ states that the total current entering a junction is equal to the total current leaving the junction. — **Kirchhoff's First Law**
21. Acceleration due to gravity on a planet decreases with — **Increase in altitude from surface of the planet**
22. Who is the Chairman of NITI Aayog? — **Prime Minister**
23. Who is the Chairman of the Rajya Sabha? — **Vice President of India**
24. Shiva Thapa is related to — **Boxing**
25. Who is the author of the book "My Truth". — **Indira Gandhi**

CHSL 23/01/2017, 1st Shift

1. Moti Masjid is situated in which World Heritage Sites? — **Red Fort Complex**
2. Kailash Satyarthi won Nobel Prize for? — **Peace**
3. _____ is the largest part of the human brain. — **Cerebrum**
4. The auxiliary bud — **is an imbrionic shoot located in the axil of a leaf**
5. Polio is a _____ disease. — **Viral**
6. The Chemical formula of Ammonium dichromate is — $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$
7. The residual attractive or repulsive forces between molecules or atomic groups that do not arise from a covalent bond or ionic bonds is called — **Van der Waals bond**
8. Two versions of the internet Protocol (IP) are in use — **IP Version 4 & IP Version 6**
9. The Indian instrument 'Samvadini' is which type? — **Wind**
10. Calculate the accounting profits for a firm, if its economic profits for the year are Rs 60 crores. total implicit costs are Rs 18.5 crores and total explicit costs are Rs. 35 crores. — **Rs 78.5 crores**
11. If tea companies start using mechanised tea leave pickers — **Then wages for manual tea leave pickers will fall**
12. Ozone is represented as — O_3
13. Which organisms can help to carry out Vermicomposting? — **Earthworms**
14. The SLR is determined by the RBI. SLR stands for — **Statutory Liquidity Ratio**
15. Which planet has the maximum number of satellites? — **Jupiter**
16. What is the capital of Norway? — **Oslo**
17. Hungry was a part of the _____ during World War 2? — **Axis Powers**
18. Who was the trusted General of the Mughal emperor Akbar? — **Man Singh I**
19. Who invented Neon Lamp? — **Georges Claude**
20. Instrument for measuring time is called — **Chronometer**
21. If the radius of the earth decreases and its mass remains the same, then the value of "acceleration due to gravity" will — **Increase**
22. The number of parliamentary seats (Rajya Sabha) of Uttar Pradesh is — **31**
23. Article 222 of the Indian Constitution "Transfer of a Judge from one High Court to another" deals with? — **The State Government**
24. Inderjeet Singh is related to — **Shot put**
25. Who is the author of "It's All in the Planets"? — **Preeti Shenoy**

CHSL 23/01/2017, 2nd Shift

1. Who built the Group of Monuments at Mahabalipuram? — **Pallava Kings**
2. Who has won maximum Filmfare Awards as a Music Director? — **A. R. Rahman**
3. Contraction of heart is also known as — **Systole**
4. *Azadirachta indica* is the botanical name of — **Neem**
5. The main end product of carbohydrate digestion is — **Glucose**
6. Which element has the lowest melting point? — **Helium**
7. The common name of sulphur is — **Brimstone**
8. HTML is computer science stands for? — **HyperText Markup Language**
9. Kala Ghoda Arts festival is held in which city? — **Mumbai**
10. If for a perfectly competitive firm, price is Rs.7.2 output is 4500 units, average variable costs are Rs.1.2, and average total costs are Rs.4. The firm's profit equals to — **Rs 14400**
11. A minimum wage — **Is the price floor below which workers may no sell their labor**
12. Which rays cause skin damage? — **UV Rays**
13. The Great Himalayan National Park is in which state? — **Himachal Pradesh**
14. _____ is an Indian Government Savings Bond, primarily used for small savings and income tax saving investments in India. — **National Saving Certificate**
15. Mercury is the _____ planet from the Sun. — **1st**
16. Raipur is the Capital City of — **Chhattisgarh**
17. Bimbisara was the king of which dynasty? — **Haryanka**
18. World War 1 started in the Year? — **1914**
19. India's famous Mars-Mission was called? — **MOM**
20. In a projectile motion, a large angle with the horizontal produces — **High trajectory**
21. What is the unit of the physical quantity, Electrical conductance? — **Siemens**
22. What is the full form of the Indian Political party, "CPI"? — **Communist Party of India**
23. How many members can be nominated by the President of India in the Rajya Sabha? — **12**
24. Which team has won the Ranji Trophy in 2015-16? — **Mumbai**
25. Who is the author of "Everyone Has A Story"? — **Savi Sharma**

CHSL 23/01/2017, 3rd Shift

1. Mausoleum (Dargah) of Salim Chishti is situated in? — **Fatehpur Sikri**
2. Who has won the maximum number of Filmfare awards till now? — **Shahrukh Khan**
3. _____ is a source of the enzyme Ptyalin. — **Salivary Glands**
4. Seeds are not present in — **Pteridophyta**
5. The largest dolphin species is the orca, also called as — **Killer whale**
6. Atomic number of Hydrogen is — **1**
7. What is the net charge on Calcium Fluoride? — **0**
8. _____ is an object model language standard. — **OQL**
9. Tertali is a folk dance of — **Madhya Pradesh**
10. If quantity of good X demanded increases from 4000 units to 5000 units when price of good Y increases from Rs 75 to Rs 90, find Arc Cross elasticity of demand? — **1.22**
11. During a recession — **There will be capacity under utilization**
12. Dudhwa Tiger Reserve is in which state? — **Uttar Pradesh**
13. _____ is a greenhouse gas or a gas which can deplete the ozone layer? — **CCl₃F**
14. Renowned Businessmen, Mr. Deepak Parekh is primarily associated in the _____ sector. — **Banking**
15. Uranus is the _____ planet from the Sun. — **7th**
16. For what is Mohs scale used? — **To measure hardness of minerals**
17. Qutub Minar is located in — **Delhi**
18. Bajirao I (1720-1740 AD) was the ruler of which dynasty? — **Peshwas**
19. Who Invented Play Station? — **Ken Kutaragi**
20. Instrument for measuring light intensity is called — **Lucimeter**
21. With reference to gravity, what is G called? — **Gravitational constant**
22. India Constitution is made up of how many words? — **80000**
23. Article 43A of the Indian Constitution “Participation of workers in management of industries “ deals with” — **The Directive Principles of State Policy**
24. Which team won the 2016 UEFA football championship? — **Portugal**
25. Who is the author of “ The Oath of the Vayuputras (Shiva Trilogy)”? — **Amish Tripathi**

CHSL 24/01/2017, 1st Shift

1. _____ is a collection of architectural astronomical instruments, built by Maharaja Jai Singh II. — **Jantar Mantar, Delhi**
2. B.D. Goenka Award was established to recognise cintributions made by individuals in building and furthering the causes of — **Journalism**
3. The fast digesting enzyme Lipase is secreted by — **Pancreas**
4. The arrangement of leaves on an axis is called — **Phyllotaxy**
5. The study of Cells is also known as — **Cytology**
6. The Chemical formula of Urea is — **(NH₂)₂CO**
7. Atomic number of Aluminium is _____ than that of Magnesium. — **Greater**
8. TCP in computer science stands for? — **Transmission Control Protocol**
9. “Ganga Sagar Mela” fair is held in which state? — **West Bengal**
10. If a person’s income increases from Rs 20 lakhs per year to Rs 24 lakhs per years and tax increases from Rs 3,50,000 to Rs 4,00,000 the marginal tax rate is — **12.5 percent**
11. If goods A and Z are complements, an increase in the price of good Z will — **Decrease demand for good A**
12. Plant is a _____ of energy. — **Renewable source**
13. Dandeli Wildlife Sanctuary is in which state? — **Karnataka**
14. Khangchendzonga National Park, also known as Kanchenjunga Biosphere Reserve, is located in — **Sikkim**
15. Shimal is the capital of which Indian State? — **Himachal Pradesh**
16. What is the capiatal of Denmark? — **Copenhagen**
17. Tripitakas are sacred books of — **Buddhists**
18. Bahadur Shah I (1707-1712 AD) was the ruler of which dynasty? — **Mughal**
19. Who Invented water turbine? — **Benoit Foumeyron**
20. _____ of a wave is the rate of transfer of energy per unit area perpendicular to the direction of travel of the wave. — **Intensity**
21. Motion of a train is an exapmle of — **Translatory motion**
22. What is the full form of the Indian political Party “BSP” — **Bahujan Samaj Party**
23. The number of parliamentary seats (Rajya Sabha) of Tamil Nadu is — **18**
24. Santosh Trophy is related to which sports? — **Football**
25. Who is the author of “Midnight’s Children”? — **Salman Rushdie**

CHSL 24/01/2017, 2nd Shift

1. Khas Mahal and the Shish Mahal are built in which World Heritage Monument? — **Agra Fort**
2. Bhalchandra Nemade won Jnanpith Award for work in which language? — **Marathi**
3. Which scientist is also known as the Father of Biology? — **Aristotle**
4. Which cells give rise to various organs of the plant and keep the plant growing? — **Meristematic**
5. *Rodentia Muridae* is the scientific name of — **Mouse**
6. The Chemical formula of Aluminium Chloride is _____
— $AlCl_3$
7. Plastic bottles are made of a polymer called PET. The expanded form of PET is — **Polyethylene terephthalate**
8. HTTP in computer science stands for? — **HyperText Transfer Protocol**
9. The leaning temple of Huma is dedicated to — **Shiva**
10. If the average total cost are Rs 2400, average variable cost is Rs 1700 and quantity produced is 75 units, find the total fixed costs of the firm? — **Rs 52500**
11. Which of following is true if the Government monetized part of its deficit? — **Money supply in the economy will increase.**
12. Non-green plants lack — **Chlorophyll**
13. Melghat Tiger Reserve is in which state? — **Maharashtra**
14. Which institution in India acts as 'lender of the last resort'? — **Reserve Bank of India**
15. Name the international treaty designed to protect the ozone layer from CFCs. — **Montreal protocol**
16. _____ is the time taken by the earth to return to a given point in its orbit with reference to a fixed star. — **Sidereal year**
17. Who were the first to establish trade relations with India? — **Portuguese**
18. Kargil War against Pakistan started in the year? — **1999**
19. Who Invented FM Radio? — **Edwin Howard Armstrong**
20. _____ refers to the superposing of two or more coherent waves to produce regions of maxima and minima in space, according to the principle of superposition. — **Interference**
21. What is the value of acceleration due to gravity at the centre of earth? — **0**
22. What is the full form of the Indian Political Party "CPI-M"? — **Communist party of India (Marxist)**
23. Rajya Sabha is assisted by the Secretary-General, who holds the rank equivalent to? — **Cabinet Secretary to the Government of India**
24. _____ won the 2016 Formula One Rolex Australian Grand Prix. — **Nico Rosberg**
25. Who is the Author of the book "You are the Best Wife: A True Love Story"? — **Ajay K Pandey**

CHSL 24/01/2017, 3rd Shift

1. Diwane-i-Khas is in which monument? — **Red Fort Complex**
2. Who won the 2016 men's singles Wimbledon Championship? — **Andy Murray**
3. Deficiency of which vitamin causes night blindness? — **Vitamin A**
4. The flower with the world's largest bloom is — **Rafflesia arnoldii**
5. Name the scientists who proposed the cell theory. — **Schleiden and Schwann**
6. _____ decreases the rate of setting of cement. — **Gypsum**
7. Alkenes were earlier known as — **Olefins**
8. A language used to control the tasks of the computer itself, such as starting other programs, is _____. — **Command Language**
9. Munda is a folk dance of — **Jharkhand**
10. In 2015, the nominal rate of interest in a country was 8% and the inflation rate then was 2.5%. So real rate of interest in 2015 was — **5.5 percent**
11. Macro economics deals with The — **Circular flow of income**
12. The Ozone layer is present in which atmospheric layer? — **Stratosphere**
13. Organisms that use light to prepare food are known as — **Autotrophs**
14. _____ is not traded in a commodity market? — **Currency**
15. Panaji is the capital of which Indian State? — **Goa**
16. Lucknow is the Capital City of — **Uttar Pradesh**
17. During the Independence Movement, Subhash Chandra Bose revamped the Indian National — **Army**
18. Aurangzeb was the son of — **Shah Jahan**
19. World Wide Web was invented by — **Tim Berners-Lee**
20. Viscosity of liquid _____ with increase in pressure. — **Increases**
21. Weight (W) of a body can be given by the formula — **$W = mg$**
22. Narendra Modi is the ___ Prime Minister of India. — **14th**
23. Who was the first Speaker of Lok Sabha? — **G. V. Mavalankar**
24. Who is the winner of the first Indian Super League football? — **Atletico de Kolkata**
25. Who wrote the book "Walking with Lions"? — **K Natwar Singh**

CHSL 25/01/2017, 1st Shift

1. Who built the Buddhist Monuments at Sanchi? — **Maurya Dynasty**
2. Gulzar won Oscars for the movie “Slumdog Millionaire” in the category of — **Best Original Song**
3. Primary function of haemoglobin is — **To transport oxygen**
4. Vascular bundles are absent in — **Bryophyta**
5. *Sauria Lacertidae* is the scientific name of — **Lizard**
6. In chemistry, soap is a salt of a — **Fatty acid**
7. A _____ is a pair of forces, equal in magnitude, oppositely directed, and displaced by perpendicular distance or moment. — **Couple**
8. HTML is a — **Markup Language**
9. Chapchar Kut is a festival of which state? — **Mizoram**
10. Find arc elasticity of demand, if quantity demanded falls from 750 units to 650 unit when price of the item is increased from Rs 15 to Rs 20? — **-0.5**
11. In which stage of the business cycle the inventory stock will be the highest? — **Depression**
12. Which type of pathogen causes the water-borne disease SARS (Severe Acute Respiratory Syndrome)? — **Viral**
13. Excessive richness of nutrients in a lake or other body of water is called — **Eutrophication**
14. Wealth Tax is a _____ tax. — **Direct**
15. The boundary line between India Pakistan is called — **Radcliffe line**
16. Which city is located on the banks of the river Mahanadi? — **Cuttack**
17. When was the battle of Haldighati fought? — **1576**
18. In 1498, which Portuguese explorer discovered a new sea route from Europe to India? — **Vasco Da Gama**
19. Who Invented Aspirin? — **Felix Hoffmann**
20. A larger force on a rotating body results in larger — **Torque**
21. What is the unit of the physical quantity, Magnetic flux density? — **Tesla**
22. Article 24 of the Indian Constitution “Prohibition of employment of children in factories, etc” deals with? — **The Fundamental Rights of the Indian Citizen**
23. Article 124A of the Indian Constitution “Certificate for appeal to the Supreme Court” deals with? — **The Union Government**
24. Highest number of test hundreds in scored by _____. — **Sachin Tendulkar**
25. Who is the author of “Can Love Happen Twice”? — **Ravinder Singh**

CHSL 25/01/2017, 2nd Shift

1. Buland Darwaza is the main entrance to the palace at? — **Fatehpur Sikri**
2. Highest Civilian Honour received by Dilip Kumar is — **Padma Vibhushan**
3. _____ produces the enzyme lipase. — **Pancreas**
4. A _____ is a long internode forming the basal part of the whole of a peduncle. — **Scape**
5. _____ are considered to be both Living and Non-living. — **Virus**
6. The Chemical formula of Ammonium oxalate is _____. — $(\text{NH}_4)_2\text{C}_2\text{O}_4$
7. Benzene is ___ in ethyl Alcohol. — **Insoluble**
8. VoIP in Computer Science stands for? — **Voice over Internet Protocol**
9. The Indian musical instrument ‘Surbahar’ is of which type? — **String**
10. For a certain shoe factory the fixed costs are Rs 200,000, selling price is Rs 2000 per pair of shoes and variable cost is Rs 1200 per pair, what is the breakeven quantity? — **250**
11. _____ in price of tea will cause an increase in the demand for coffee. — **Increase**
12. Which country has the highest population density? — **Bangladesh**
13. _____ constitutes highest percentage of Green House gases. — **Water Vapour**
14. _____ was a philosopher and theologian from India during early 8th century who consolidated the doctrine of Advaita Vedanta. — **Adi Shankara**
15. In terms of size, Earth ranks no. ____ in our Solar System. — **5**
16. Which city is located on the banks of the river Ganges? — **Kanpur**
17. Who was the first ruler of Pala dynasty? — **Gopala**
18. Which empire is regarded as the Golden Age of Hinduism? — **Gupta**
19. Who Invented Post-it note? — **Arthur Fry**
20. _____ states that the ratio of the potential difference across a conductor to the current flowing through it, is a constant, provided that its physical conditions, such as temperature, remain constant, — **Ohm’s Law**
21. _____ mirror is used in the headlights of cars. — **Concave**
22. What is the full form of the Indian Political Party ‘NCP’? — **Nationalist Congress Party**
23. United Progressive Alliance was founded in? — **2004**
24. In which country, 13th South Asian games will be held? — **Nepal**
25. Who is the author of ‘The Immortals of Meluha (Shiva Trilogy)’? — **Amish Tripathi**

CHSL 25/01/2017, 3rd Shift

1. In 2007, which monument was declared as a winner of the New 7 Wonders of the World? — **Taj Mahal**
2. Deepa Mehta was nominated for Oscars for the movie "Water" in the category of — **Best Foreign Language Film**
3. Myopia affects which organ? — **Eyes**
4. Angiosperms bears — **Flowers**
5. Oxygenated blood flows out of the heart through the — **Aorta**
6. Covalent Bond is also called — **Molecular Bond**
7. Sulphur and Chlorine can have what type of a bond? — **Polar covalent**
8. COSMOS is a supercomputing facility dedicated to research in — **Cosmology**
9. Losar festival is celebrated in which state? — **Sikkim**
10. If for the year a country's GDP was \$1315 million, consumer spending was \$900 million, investment by businesses was \$180 million, exports were \$85 million and imports were \$100 million, calculate government spending? — **\$250 million**
11. Stagflation exists when — **Price Indices increase but output decreases.**
12. Kanha Tiger Reserve is in which state? — **Madhya Pradesh**
13. _____ is a green house gas or a gas which can deplete the ozone layer. — **CO₂**
14. ABM stands for — **Anti Ballistic Missile**
15. In terms of size, Venus ranks no. _____ in our Solar System. — **6**
16. Who was the first to measure the circumference of earth? — **Eratosthenes**
17. When did the first Huna invasion take place? — **458 AD**
18. Chandragupta (322-298 BC) was the ruler of which dynasty? — **Maurya**
19. Who Invented Electric Stove? — **Lloyd Groff Copeman**
20. Instrument used for measuring specific gravity is called — **Areometer**
21. Cryogenics is a branch of Physics that deal with — **Very low temperatures**
22. Indian Constitution has how many Articles? — **448**
23. Article 31A of the Indian Constitution "Saving of Laws providing for acquisition of estates, etc" deals with? — **The Fundamental Rights of the Indian Citizen**
24. What is the full name of Sachin Tendulkar? — **Sachin Ramesh Tendulkar**
25. Who is the author of "The Lowland"? — **Jhumpa Lahiri**

CHSL 27/01/2017, 1st Shift

1. Who built the Group of Monuments at Pattadakal? — **Chalukya Kings**
2. A. R. Rahman won Oscars for the movie "Slumdog Millionaire" in the category of — **Best Original Score**
3. Blood leaving the liver and moving towards the heart has a higher concentration of — **Bile Pigments**
4. Bulb is a modification of which part of plant? — **The stem**
5. _____ carries blood away from the heart to different body parts. — **Arteries**
6. Chemical Formula of Water is — **H₂O**
7. Atomic number of Phosphorus is _____ than that of Aluminium. — **Greater**
8. Linux is an — **Operating System**
9. Official language of Bhutan is — **Dzongkha**
10. If price of an article decreases from Rs.800 to Rs.700, quantity demanded increases from Q1 units to 70 units. If point elasticity of demand is -1.333, find Q1? — **60 units**
11. In perfect competition — **Demand curve is perfectly elastic**
12. Amrabad Tiger Reserve is in which state? — **Andhra Pradesh**
13. The series of processes by which nitrogen and its compounds are interconverted in the environment and in living organisms is called — **Nitrogen Cycle**
14. The Speaker of the sixth Lok Sabha who later became the President of India was — **Neelam Sanjeeva Reddy**
15. Which is the deepest trench (steep depression in ocean) in the world? — **Mariana trench**
16. Ten Degree channel is located between — **Little Andaman and Car Nicobar**
17. The Kalinga war was fought in — **261 BC**
18. Tipu Sultan was also known as the Lion of — **Mysore**
19. Who Invented Dishwasher? — **Josephine Cocharane**
20. _____ states that the induced e.m.f. is directly proportional to the rate of change of magnetic flux linkage or rate of cutting of magnetic flux linkage. — **Faraday's Law**
21. If the vector sum of torques acting on a system is zero, then the object is in — **Rotational equilibrium**
22. The original 1950 Constitution of India is preserved in — **Parliament House**
23. Article 231 of the Indian Constitution "Establishment of a common High Court for two or more States deals with? — **The State Government**
24. When was the first cricket test match played? — **1877**
25. Who is the author of "Our impossible Love"? — **Durjoy Datta**

CHSL 27/01/2017, 2nd Shift

1. Asiatic Black Bear and Snow Leopard is found in — **Nanda Devi and Valley of Flowers National Parks**
2. Mother Teresa won Nobel prize for? — **Peace**
3. BCG vaccine is given to protect from — **Tuberculosis**
4. Parallel venation is found in — **Plants which are monocots**
5. The hardest part of the body is — **Tooth Enamel**
6. The Chemical formula of Ammonium sulphate is — $(\text{NH}_4)_2\text{SO}_4$
7. The common name of Lead (II) Sulphide is — **Galena**
8. SMTP in computer science stands for? — **Simple Mail Transfer Protocol**
9. Surbhar is a _____ based Indian musical instrument? — **String**
10. Calculate a country's GDP if for the year, consumer spending is \$900 million, government spending is \$250 million, investment by businesses is \$180 million, exports \$85 million and imports are \$100 million. — **\$1315 million**
11. Increase in the demand for a good will cause the equilibrium price of the good to _____ and the equilibrium quantity to — **Increase, Increase**
12. Which type of pathogen causes the water-borne disease E. coli infection? — **Bacterial**
13. _____ is a measure of the actual amount of water vapour in a particular sample of air measured as a partial pressure. — **Absolute Humidity**
14. In India agricultural is not a source for — **Government Revenue**
15. Ranchi is the capital of which Indian State? — **Jharkhand**
16. What is the capital of Greece? — **Athens**
17. World War 2 was fought between two groups, the Allies and the Axis powers? Denmark did not belong to the Axis Powers? — **Axis Powers**
18. During Akbar's reign who was the Finance Minister of the Mughal empire? — **Raja Todar Mal**
19. Who Invented Lawnmower? — **Edwin Beard Budding**
20. _____ is defined as the force acting per unit current per unit length on a wire placed at right angles to the magnetic field. — **Magnetic flux density**
21. If an object moves in a purely rotatory motion, then each constituent particle of the body moves in a circle, the centre of which is located on a line is called — **The axis rotation**
22. The second most senior office in the country is of — **Office of the Vice President of India**
23. Article 187 of the Indian Constitution "Secretariat of State Legislature" deals with? — **The State Government**
24. Which country won the first world cup? — **West Indies**
25. Who is the author of "Promise Me a Million Times"? — **Keshav Aneel**

CHSL 27/01/2017, 3rd Shift

1. Jama Masjid is situated in — **Fatehpur Sikri**
2. Highest Civilian Honour received Ajay Devgan is — **Padma Shri**
3. Deficiency of fluorine causes — **Dental Caries**
4. In a Punnett Square with the cross $\text{AaBb} \times \text{AsBb}$, how many Asbb genotypes would be created? — **2**
5. _____ is the controlling center of the cell. — **Nucleus**
6. Which element has the lowest melting point? — **Krypton**
7. The common name of Magnesium Sulphate heptahydrate is — **Epsom salt**
8. How many Megabytes is equal to 1 Terabyte? — **1024Mb x 1024Mb**
9. Elephanta caves are attributed to which God? — **Shiva**
10. If the average total cost are Rs.1700, total fixed cost is Rs.52500 and quantity produced is 75 units, find the average variable costs of the firm? — **Rs 1000**
11. Higher fees at private schools will increase admissions at public schools deals with — **Microeconomics**
12. _____ is an effective Fire Extinguisher. — **Halons**
13. _____ has the highest solubility in water at room temperature. — **Ammonia**
14. _____ was a Hindu sant associated with the Bhakti movement and the Varkari sect of Maharashtra. — **Gora Kumbhar**
15. Humidity of air is measured by — **Hygrometer**
16. Amsterdam is the capital city of — **Netherlands**
17. Azad Hind was an Indian provisional government established in occupied _____ in 1943. — **Singapore**
18. Bindusara was the son of — **Chandragupta**
19. Who Invented Cinematography? — **William Friese-Greene**
20. The mass of an object — **Remains same everywhere**
21. Tesla is a unit of — **Magnetic Induction**
22. Article 19 of the Indian Constitution "Protection of certain rights regarding freedom of speech, etc" deals with? — **The Fundamental Rights of the Indian Citizen**
23. National Democratic Alliance was founded in? — **1998**
24. Lalita Babbar is related to — **Racing**
25. Who is the author of "Life is What You Make it"? — **Preeti Shenoy**

CHSL 29/01/2017, 1st Shift

1. The largest estuarine mangrove forest in the World is at? — **Sundarbans National Park**
2. Amartya Sen won Nobel Prize for? — **Economic Sciences**
3. The amount of blood filtered together by both the kidneys in a 70 kg adult male human in a minute is — **1100 ml**
4. Which feature of a plant helps to distinguish a monocot from a dicot?— **Venation**
5. The Mutation Theory was proposed by — **Hugo De Vries**
6. Which element has the lowest melting point? — **Helium**
7. Atomic number of Chlorine is _____ than that of Phosphorus. — **Chlorine**
8. The designers of the Internet defined an IP address as a _____-bit number. — **32**
9. SAMvadini is a _____ based Indian musical instrument? — **Wind**
10. Calculate the economic profit for a firm if its total revenues are Rs.180 crores, explicit costs are Rs.95 crores, and implicit costs are Rs.25 crores. — **Rs.60 crores**
11. Insure payment of minimum wages for tea leave pickers — **Will increase picking cost for all tea companies.**
12. Which type of pathogen causes the water-borne disease Hepatitis-A? — **Viral**
13. _____ is a natural electrical phenomenon characterized by the appearance of streamers of reddish or greenish light in the sky, especially near the northern or southern magnetic pole. — **Aurora**
14. Sabrimala is a Hindu pilgrimage centre located in which Tiger Reserve area? — **Periyar**
15. Earth's crust mainly contains — **Silica**
16. Seoul Capital City of — **South Korea**
17. Indus Valley civilization was a _____ age civilization. — **Bronze**
18. To whom did Akbar give the title Mian? — **Tansen**
19. Who Invented Laser? — **Gordon Gould**
20. What is the SI unit of Torque? — **Newton Meter**
21. What is the unit of the physical quantity, Illuminance? — **Lux**
22. Article 21 of the Indian Constitution "Protection of life and personal liberty" deals with? — **The Fundamental Rights of the Indian Citizen**
23. Article 211 of the Indian Constitution "Restriction on discussion in the Legislature" deals with? — **The State Government**
24. The colour of Australian cricket team's cap is — **Green**
25. Who is the author of "The Secret of The Nagas (Shiva Trilogy-2)"? — **Amish Tripathi**

CHSL 29/01/2017, 2nd Shift

1. Churches and Convents of Goa were built by? — **Portuguese**
2. Resul Pookutty won Oscars for the movie "Slumdog Millionaire" in the category of — **Best sound Mixing**
3. How many chromosomes does a human cell contain? — **46**
4. In a Punnett Square with cross AaBb x Aabb, how many AaBb genotypes would be created? — **4**
5. *Arboreal Ateles* is the scientific name of — **Spider Monkey**
6. The chemical formula of Ammonia is — **NH₃**
7. Who discovered Fullerene (an allotrope of carbon)?— **Richard Smalley**
8. _____ perform Internet Protocol blocking to protect networks from unauthorized access. — **Firewalls**
9. Gugga Naumi is a religious festival in connection with snake-worship. This festival is of which state? — **Haryana**
10. If quantity of a good demanded increases from 200 to 250 then the average income of the population increases from Rs 20,000 to Rs 30,000, find Arc Income elasticity of demand? — **0.55**
11. Match the characteristics with market structure:
(a) Demand will tend to be inelastic — **Pure Monopoly**
(b) Firm has control over quantity of output but it must take into account reactions of competitors — **Pure competition**
12. Which type of pathogen causes the water-borne disease Salmonellosis? — **Bacterial**
13. Methane is _____ a Halon gas? — **Not**
14. Dnyaneshwar was a 13th-century Marathi saint who wrote the Dnyaneshwari, which is commentary on the — **Bhagavad Gita**
15. Earth is the _____ planet from the Sun. — **Third**
16. Nashik is located on the banks of the river — **Godavari**
17. Ghatotkacha (Who ruled in the years 290-305 B.C.) was a king from which dynasty? — **Gupta Dynasty**
18. Who are credited to a large extent for ending the Mughal rule in India? — **Marathas**
19. Who invented postage stamp? — **Rowland Hill**
20. If a body moves with a uniform speed in a circular motion, then — **Its velocity is changing**
21. _____ is the fourth state of matter. — **Plasma**
22. The original constitution of India was published in? — **Dehradun**
23. Article 228 of the Indian Constitution "Transfer of certain cases to High Court" deals with? — **The State Government**
24. Who won the 2016 National Snooker Championship? — **Aditya Mehta**
25. Who is the author of "I Too Had a Love Story"? — **Ravinder Singh**

CHSL 29/01/2017, 3rd Shift

1. Ajanta Caves is in — **Maharashtra**
2. _____ is a condition in which there is a deficiency of red cells or of haemoglobin in the blood. — **Anaemia**
3. *Ananas comosus* is the scientific name of — **Pine-apple**
4. Which organ produces insulin ? — **Pancreas**
5. Which element has the lowest melting point? — **Helium**
6. If demand curve for an electric tooth brush is $D = 25000 - 7P$ and supply curve is $S = 10000 + 8P$, find the equilibrium Price? — **Rs 1000**
7. Match the characteristics with their market structure.
(a) $MR = MP$ — **Pure competition**
(b) Elasticity of demand depends on pricing policies of rivals — **Oligopoly**
8. _____ is located in the Alwar district of Rajasthan. — **Sariska National park**
9. Asthama is caused by _____ pollution. — **Air**
10. BRICS is the acronym for an association of five major emerging national economies: Brazil, Russia, India, China and — **South Africa**
11. June 21 marks the winter solstice in the _____ Hemisphere. — **Southern**
12. Nuclear bombs were dropped on Hiroshima and Nagasaki during the — **World War II**
13. Who invented “Coca Cola”? — **John Pemberton**
14. An example of longitudinal waves (in gas as a medium) is — **Sound waves**
15. In projectile motion, the total flight time is — **Twice the time required to reach the maximum height**
16. _____ fundamental rights are recognized by the Indian constitution. — **Seven**
17. Lok Sabha is the _____ House of the Parliament of India. — **Lower**
18. In which game the term ‘Deuce’ is used? — **Badminton**
19. Who wrote the book “As you like it”? — **William Shakespeare**
20. Bhopal is the capital city of — **Madhya Pradesh**
21. In 1617 the British East India Company was given permission by _____ to trade in India. — **Jahangir**
22. Highest Civilian Honour received by Shri Shri Ravi Shankar is — **Padma Vibhushan**
23. What chemical is injected into a person’s body when an ant bites? — **Formic Acid**
24. _____ is a form of computer data storage which stores frequently used program instructions to increase the general speed of a system. — **Random Access Memory**
25. Official language of Lakshadweep is — **Malayalam**

CHSL 30/01/2017, 1st Shift

1. Atal Bihari Vajpayee has been awarded with — **Bharat Ratna**
2. _____ is a drug that makes your heart work more slowly, used for treating high blood pressure. — **Beta-Blocker**
3. *Ocimum tenuiflorum* is the scientific name of — **Tulsi**
4. Which gland secretes bile, a digestive fluid? — **Liver**
5. The Chemical formula of Ammonium chloride is _____. — NH_4Cl
6. Which metal has the lowest melting point? **Mercury**
7. In Internet, what is the full form of TCP? — **Transmission Control Protocol**
8. Maithili is generally not spoken in _____ part of India. — **Southern**
9. If demand curve for radial car tyres is $D = 230000 - 19P$ and supply curve is $S = 180000 + 6P$, find the equilibrium Quantity? — **192000 units**
10. Match the characteristics with their market structure:
(a) Differentiated products, but else substitutes for consumers so their demand curves are elastic — **Monopolistic competition**
(b) Firm will tend to set output so that it earns maximum profits. — **Pure Monopoly**
11. Indravati Tiger Reserve is in which state? — **Chhattisgarh**
12. Pyrolusite is an ore/mineral of — **Manganese**
13. What does IMF stand for ? — **International Monetary fund**
14. What is the capital of Ireland? — **Dublin**
15. A bound collection of maps is called — **Atlas**
16. India got Independence from — **United Kingdom**
17. The Biography of Humayun was written by — **Gulbadan Begum**
18. Who invented Internet Protocol? — **Vint Cerf**
19. Find the power of a convex lens if the image formed is at a distance of 10 cm from the lens when the object is placed on the other side of the lens at 40 cm from the optical centre — **12.5 diopters**
20. Filament of electric bulb is made of — **Tungsten**
21. Under which Article was Emergency in India declared in 1975? — **Article 352**
22. The United Nations Green Climate Fund is Headquartered in which country? — **Canada**
23. Anjum Chopra is associated with which Sport? — **Cricket**
24. Who is the author of “Life of Pi”? — **Yanna Martel**
25. Which was the first garden-tomb in the Indian sub-continent? — **Humayun’s Tomb**

CHSL 30/01/2017, 2nd Shift

1. Rock Shelters of Bhimbetka is located in the foothills of ? — **Vindhya Range**
2. Highest Civilian Honour received by Udit Narayan is — **Padma Bhushan**
3. Which drug is used to cure Migraine? — **Sumatriptan**
4. In _____ the dominant phase is Gametophyte. — **Bryophyta**
5. Anaerobic respiration refers to — **Respiration without Oxygen**
6. _____ bond holds the atoms together within a water molecule. — **Polar covalent**
7. Atomic number of Magnesium is _____ than that of Neon? — **Greater**
8. _____ defines data types and the relationships among them. — **Data definition language**
9. _____ is a depiction of the Hindu god Shiva as the cosmic dancer who performs his divine dance called Tandavam. — **Nataraja**
10. If demand curve for renting a car is $D = 90000 - 23P$ and supply curve is $S = 9000 + 7P$, find the equilibrium Price? — **Rs 2700**
11. The demand curve shows that as the — **Price of a good increases, demand for the good will decrease**
12. Which type of pathogen causes the water-borne disease Cholera? — **Bacterial**
13. _____ is a greenhouse gas or a gas, which can deplete the ozone layer. — CH_4
14. Satara National Park is _____ a National Park? — **Not**
15. Who was the first Indian astronomer to calculate the time taken by earth to orbit the sun? — **Bhaskaracharya**
16. What is the capital of New Zealand? — **Wellington**
17. Which game was very popular in ancient India? — **Chess**
18. Ashoka The Great (273-232 B.C.) was the ruler of which dynasty? — **Maurya**
19. Who Invented LED? — **Nick Holonyak**
20. Who first determined the value of G (gravitational constant)? — **Lord Cavendish**
21. The work done by centripetal force is — **Zero**
22. Indian Constitution has how many parts? — **22**
23. Article 318 of the Indian Constitution "Validation of certain Acts and Regulations" deals with the — **Fundamental Rights of the Indian Citizen**
24. Sachin Tendulkar has not scored even a single _____ hundred in test matches. — **Triple**
25. Who is the author of "The Twentieth Wife"? — **Indu Sundaresan**

CHSL 30/01/2017, 3rd Shift

1. Panch Mahal is situated in? — **Fatehpur Sikri**
2. Kedarnath Singh won Jnanpith Award for work in which language? — **Hindi**
3. To which class does Oxidoreductases, transferases, hydrolases belong? — **Enzymes**
4. Vascular bundles are _____ in Gymnosperms. — **Present**
5. The name of first mammal clone sheep is — **Dolly**
6. What is dehydration? — **Removal of water from a molecule**
7. _____ character of a bond between two atoms is greater if the difference in their electro negativities is lesser. — **Covalent**
8. _____ allows searching for information and computing derived information. — **Query language**
9. Garadi is a folk dance of — **Puducherry**
10. If price of an article decreases from Rs 80 to Rs 60, quantity demanded increases from 600 units to 750 units. Find elasticity of demand? — **-1**
11. By redistributing taxes as subsidies will _____ increase a nation's wealth. — **Not**
12. Which type of pathogen causes the water-borne disease Typhoid fever? — **Bacterial**
13. O_3 is a greenhouse gas or a gas which can _____ the ozone layer. — **Deplete**
14. Squadron Leader is one of the ranks of the Indian — **Air Force**
15. Which of country is called 'The Country of Canals'? — **Pakistan**
16. Male is the Capital of — **Maldives**
17. Mahabalipuram was founded by — **Narasimha Varman**
18. Chhatrapati Shivaji Maharaj (1674-1680 AD) was the ruler of which dynasty? — **Maratha**
19. Who Invented airbag? — **Assen Jordanoff**
20. Why boiling point of water decreases at high altitudes? — **Because of low atmospheric pressure**
21. What is the unit of the physical quantity, Momentum? — **Newton second**
22. Communist Party of India was founded in — **1925**
23. Article 39A of the Indian Constitution "Equal Justice and free legal aid" deals with? — **The Directive Principles of State Policy**
24. Brian Lara has scored 2 _____ hundreds in test matches. — **Triple**
25. Who is the author of "Swami and Friends"? — **R.K. Narayan**

CHSL 31/01/2017, 1st Shift

1. Keoladeo National Park is in — **Rajasthan**
2. Saif Ali Khan has won National Film Award for the category of — **Best Actor**
3. Which drug is used to cure Incontinence? — **Oxybutynin**
4. In which part of the cell are proteins made? — **Ribosomes**
5. Polio is a disease caused by — **Virus**
6. Chemical formula of Ammonia is — NH_3
7. Melting Point of Oxygen is — **-218.8 degree Celcius**
8. If price of an article decreases from Rs 600 to Rs 500, when quantity demanded increases from 10000 units to 12000 units. Find point elasticity of — **-1.2**
9. The market for sugar is in equilibrium. If the supply of sugar increases, the equilibrium price of sugar will _____ and the equilibrium quantity will _____. — **Decrease, Increase**
10. CClF_3 is a _____ which can deplete the ozone layer. — **Greenhouse gas**
11. Pentlandite is an ore/mineral of — **Nickel**
12. Who was the first man to go to space? — **Yuri Gagarin**
13. What is the capital of Italy? — **Rome**
14. Nathu la pass is located in — **India**
15. United States got Independence from — **United Kingdom**
16. The decision to effect the Partition of Bengal was announced in 1905 by? — **Lord Curzon**
17. Inventor of Instant Noodles was a citizen of which country? — **Japan**
18. Find the power of a convex lens if the image formed is at a distance of 20 cm from the lens when the object is placed on the other side of the lens at 25 cm from the optical centre? — **9 diopters**
19. What is the unit of the physical quantity “Capacitance”? — **Farad**
20. Parliament conducts _____ sessions each year. — **3**
21. Who is the Founder of International Premier Tennis League? — **Mahesh Bhupathi**
22. Who is the author of the book - “The daughter of the east”? — **Benazir Bhutto**
23. Which company developed ‘Hack’ Programming Language? — **Facebook**
24. According to the Hornbostel-Sachs System of Indian Musical Instruments, Ghungroo can be classified as — **Idiophones**
25. What is the minimum age to become age the Prime Minister of India if he or she is a member of Rajya Sabha ? — **30**

CHSL 31/01/2017, 2nd Shift

1. The Mountain Railways of India are _____ railway lines built in the mountains of India. — **5**
2. Pratibha Ray won Jnanpith Award for work in which language? — **Odia**
3. Hay fever is a sign of — **Allergy**
4. Flowers are not present in — **Bryophyta**
5. Which aquatic animal has trailing tentacles? — **Jelly fish**
6. How many lone electron pairs are present in N_2 ? — **2**
7. Chemical Formula of Aluminium Nitride is. — **AlN**
8. _____ is a global system of interconnected governmental, academic, corporate, public, and private computer networks. — **Internet**
9. Zardozi embroidery became popular under — **Akbar**
10. If price of an article decreases from Rs.P1 to Rs.150, quantity demanded increases from 1000 units to 1250 units. point elasticity of demand is - 1, then find P1? — **Rs 200**
11. Customs duty is an instrument of _____ government policy. — **Fiscal**
12. Which type of pathogen causes the water-borne disease Poliomyelitis (Polio)? — **Viral**
13. CClF_3 is a _____ which can deplete the ozone layer. — **Greenhouse gas**
14. Name the first Indian to go into Space. — **Rakesh Sharma**
15. _____ is called China’s sorrow. — **Hwang Ho**
16. West bengal is bordered not by— **Pakistan**
17. Battle for Delhi was fought in the year — **1556**
18. Baji Rao II (1796-1818 A.D.) was the ruler of which dynasty?— **Peshwas**
19. Bar code scanners were invented in — **1974**
20. Splitting of light into different colours is called — **Dispersion**
21. What is the unit of the physical quantity, (Radioactive) Activity? — **Becquerel**
22. Building of the Parliament of India is called — **Sansad Bhavan**
23. Article 48A of the Indian Constitution “Protection and improvement of environment and safeguarding of forests and wild life” deals with? — **The Directive Principles of State Policy**
24. Who sang the theme song of FIFA world cup 2014? — **Pitbull and Jennifer Lopez**
25. Who is the author of “The Palace of Illusions”? — **Chitra Banerjee Divakaruni**

CHSL 31/01/2017, 3rd Shift

1. _____ in Chandrapur district is the oldest and the largest National Park in Maharashtra. — **Tadoba Andhari Tiger Project**
2. Name the first Indian to win an Oscar. — **Bhanu Athaiya**
3. The outer white part of the eye that protects the inner structures is — **Sclera**
4. Proteins are made up of — **Amino acids**
5. The modern periodic table consists of 18 groups and 7 periods. What is the atomic number of the element placed in the 4th group and the 4th Period? — **22**
6. A Gigabyte equals — **1024 Mb**
7. If price of an article decreases from Rs.800 to Rs.750, when quantity demanded increases from Q1 units to 2250 units, and if point elasticity of demand is -2 find Q1? — **2000 units**
8. A minimum wage law benefits all unskilled workers — **Is a false statement about minimum wages**
9. _____ is a greenhouse gas or a gas which can deplete the ozone layer. — **CHCl₂**
10. Which was Al Gore's Oscar winning Documentary? — **An Inconvenient Truth**
11. Which is the hottest planet? — **Venus**
12. Sher Shah Suri was from _____ dynasty. — **Sur**
13. Who set up the Sabarmati Ashram in Ahmedabad? — **Mohandas Karamchand Gandhi**
14. Who discovered Catalysis? — **Berzelius**
15. Find the power of a convex lens if the image formed is at a distance of 20 cm from the lens when the object is placed on the other side of the lens at 60 cm from the optical centre? — **6.67 diopters**
16. What is the units of the physical quantity "Heat capacity"? — **Joule per kelvin**
17. The power to grant pardons or suspend or remit the sentence of any convicted persons is vested in the — **President**
18. Uniform Civil Code is mentioned in which article of Indian Constitution? — **44**
19. Abhinav Bindra won Gold Medal for which Sport in Olympics? — **Shooting**
20. Who is the author of "The Namesake"? — **Jhumpa Lahiri**
21. *Moringa Oleifera* is the scientific name of — **Drumsitck**
22. Cheraw is a folk dance of — **Mizoram**
23. The brand name Teflon represents which polymer? — **Polytetrafluoroethylene**
24. Gandhinagar is the capital city of — **Gujarat**
25. The Iron Pillar is located in? — **Qutb Minar Complex**

CHSL 01/02/2017, 1st Shift

1. Chhatrapati Shivaji Terminus station was designed by — **Frederick William Stevens**
2. Who won Nobel prize for Physics in 2015? — **Takaaki Kajita**
3. Kidney stones are composed of — **Calcium Oxalate**
4. Dominant phase of Angiosperms is — **Gametophytes**
5. _____ are not excretory (waste) products of animals. — **Carbohydrates**
6. RNA is a polymeric molecule, what does RNA stand for? — **Ribo Nucleic Acid**
7. The common name of dichlorodifluoromethane is — **Freon**
8. _____ performs tasks such as inserting, updating, or deleting data occurrences. — **Data manipulation language**
9. The Razmnama is a Persian translation of the — **Mahabharata**
10. If demand curve for house cleaning services is $D = 45000 - 21P$ and supply curve is $S = 15000 + 9P$, find the equilibrium quantity? — **24000 units**
11. Goods whose demand is proportional to price are called — **Vablen goods**
12. Similipal Tiger Reserve is in which state? — **Odisha**
13. N_2O is a _____ which can deplete the ozone layer. — **Greenhouse gas**
14. Manohar Parrikar was India's — **Defence Minister**
15. What is the capital of Finland? — **Helsinki**
16. Which city is located on the banks of the river Mula-Mutha? — **Pune**
17. Ajatashatru was the son of — **Bimbisara**
18. Chhatrapati Sambhaji (1680-1688 AD) was the ruler of which dynasty? — **Maratha**
19. Who Invented the computer mouse? — **Douglas Engelbart**
20. _____ states that internal energy is a function of state and the increase in internal energy is equal to the sum of the heat supplied to system and work done by the system. — **First law of thermodynamics**
21. What is the direction of torque? — **Perpendicular to the direction of applied force**
22. Article 27 of the Indian Constitution "Freedom as to payment of taxes for promotion of any particular religion" deals with? — **The Fundamental Rights of the indian Citizen**
23. Article 31C of the Indian Constitution "Saving of laws giving effect to certain directive principles" deals with? — **The Fundamental Rights of the Indian Citizen**
24. Brian Lara has not scored a _____ hundred in an ODI? — **Double**
25. Who is the author of "Jaya"? — **Devdutt pattanaik**

CHSL 01/02/2017, 2nd Shift

1. Victoria Memorial, Kolkata is not a UNESCO _____ Heritage site. — **World**
2. Highest Civilian Honour received by Amitabh Bachchan is — **Padma Vibhushan**
3. Which organ does detoxification and produces chemicals needed for digestion? — **Liver**
4. NaHCO_3 is chemical formula for — **Baking soda**
5. Which element has the lowest melting point? — **Hydrogen**
6. C Programming language was developed by — **Denis Ritchie**
7. Ravi Shankar is the exponent of which instrument? — **Sitar**
8. If demand curve for alphonso mangoes is $D = 25000 - 70P$ and supply curve is $S = 10000 + 80P$, find the equilibrium quantity? — **18,000 units**
9. Match the characteristics with their market structure:
(a) $\text{Price} > \text{MC}$ in both short and long run — **Pure Monopoly**
(b) Faces highly elastic demand — **Monopolistic competition**
10. Anamalai Tiger Reserve is in which state? — **Tamil Nadu**
11. Which is the most economical method of removing solid matter from water? — **Sedimentation**
12. What is the Capital of Telangana State? — **Hyderabad**
13. Birbal was an advisor in the court of? — **Akbar**
14. Humayun's Tomb is located in — **Delhi**
15. Assembly line was invented by — **Ransom Eli Olds**
16. Instrument for measuring blueness of the sky or ocean is called — **Cyanometer**
17. Farad is unit of — **Capacitance**
18. Under which Article is the Union Public Service Commission of India established? — **Article 315**
19. The Westminster parliamentary system was developed in — **UK**
20. Whose ear Mike Tyson bite in professional boxing match in 1997 for the WBA Heavyweight Championship? — **Evander Holyfield**
21. Who is the author of "India 2020: A Vision for the New Millennium"? — **APJ Abdul Kalam**
22. *Psidium guajava* is the scientific name of — **Guava**
23. In which year, RBI was nationalized? — **1949**
24. Ottawa is the Capital City of — **Canada**
25. Which drug is used as a Blood Thinner? — **Warfarin**

CHSL 01/02/2017, 3rd Shift

1. Which World Heritage Site is built on the right bank of the Yamuna River? — **Taj Mahal**
2. C.V. Raman won Nobel Prize for which category? — **Physics**
3. Which _____ disease is caused due to the deficiency of protein? — **Kwashiorkor**
4. A _____ is species for plant that has adapted to survive in an environment with little liquid water. — **Xerophyte**
5. How many types of teeth are there in humans? — **4**
6. Which metal has the highest melting point? — **Tungsten**
7. Atomic number of Sulphur is _____ than that of Silicon. — **Sulphur**
8. How many Gigabyte is equal to 1 Petabyte? — **1024×1024**
9. Mridangam is a _____ musical instrument. — **Percussion**
10. If the break even quantity for a factory whose variable cost of manufacturing a tubelight is Rs.35 per unit and selling price is Rs.50 per unit is 600 units, find the fixed cost of the factory? — **Rs 9000**
11. Match the characteristics with their market structure:
(a) A single, homogeneous product with no close substitutes — **Pure Monopoly**
(b) Few sellers with interdependent pricing and quantity decision — **Oligopoly**
12. Air has maximum proportion of which inert gas? — **Argon**
13. Who put forward the 'Theory of Continental Drift' in 1915? — **Alfred Wegener**
14. Whose picture is on the USA's 50 dollar bill? — **Ulysses S, Grant**
15. The rainfall due to upward movement of air caused by convergence of cold air masses against warm air masses is called — **Frontal rainfall**
16. Silvassa is the capital city of — **Dadra and Nagar Haveli**
17. Which Freedom Fighter from Bengal died at the age of 18? — **Khudiram Bose**
18. Which emperor shifted his capital from Delhi to Daulatabad? — **Muhammad Bin Tughlaq**
19. Who Invented Gas Turbine? — **John Barber**
20. What is the distance from the centre of the earth to the centre of the moon called? — **Orbital radius of the moon**
21. Law of gravitation applies to — **Any pair of bodies**
22. Article 20 of the Indian Constitution "Protection in respect of conviction for offences" deals with? — **The Fundamental Rights of the Indian Citizen**
23. Since Independence, India has been ruled by the Indian National Congress for how many years? — **46**
24. Which cricketer holds the fastest test century record? — **Brendon McCullum**
25. Who is the author of "The Girl of My Dreams"? — **Durjoy Datta**

CHSL 02/02/2017, 1st Shift

1. _____ is a drug or substance that makes you feel relaxed and makes your body work and react more slowly. — **Depressant**
2. *Carica papaya* is the scientific name of — **Papaya**
3. Muscles get tired when there is shortfall of — **ATP**
4. The Chemical formula of Ammonium Nitrate is — NH_4NO_3
5. Which metal has the lowest melting point? — **Mercury**
6. HTML is a standard _____ for creating web pages and web applications. — **Markup Language**
7. Madal is _____ type of instrument. — **Percussion**
8. If price of an article decreases from Rs.240 to Rs.220, when quantity demanded increases from 200 units to 210 units. Find point elasticity of demand? — **-0.6**
9. Match the characteristics with their market structure:
(a) Firm has control over quantity of output but it must take into account reactions of competitors. — **Oligopoly**
(b) Firm will tend to set output so that it earns maximum profits. — **Pure Monopoly**
10. People in all the affected countries had to be resettled after the 1986 Chernobyl nuclear disaster, except — **Kazakhstan**
11. The outermost layer of the earth's atmosphere is — **Exosphere**
12. _____ is the first Indian company to list on NASDAQ. — **Infosys**
13. Bharuch is located on the banks of the river — **Narmada**
14. Pakistan got independence from — **United Kingdom**
15. Aurangzeb, the Mughal Emperor died in? — **1707**
16. Who Invented Induction Coil? — **Nicholas Callan**
17. Find the power of a convex lens if the image formed is at a distance of 16 cm from the lens when the object is placed on the other side of the 20 cm from the optical centre? — **11.25 diopters**
18. What is the unit of the physical quantity "Inductance"? — **Henry**
19. In which form of government priests rule in the name of God? — **Theocracy**
20. Who was the first temporary chairman of the Constituent Assembly? — **Dr. Sachchidananda Sinha**
21. Who won the first T-20 Cricket World Cup? — **Indian**
22. Who is the author of "Choker Bali"? — **Rabindranath Tagore**
23. Shiva cave is located in — **Elephanta Caves**
24. Vikas Khanna is an award winning _____ starred Indian Chef. — **Michelin**
25. Triton is the moon of which planet? — **Neptune**

CHSL 02/02/2017, 2nd Shift

1. Rock Shelters of Bhimbetka is in — **Madhya Pradesh**
2. Highest Civilian honour received by Anupam Kher is — **Padma Bhushan**
3. _____ is a string drug that doctor give to people to make calm or help them sleep. — **Barbiturate**
4. *Artocarpus integra* is the scientific name of — **Jack Fruit**
5. Which organ stores fat soluble vitamins? — **Liver**
6. Fe has 26 protons in its nucleus. What are the number of electrons in Fe^{2+} (II) ion? — **24**
7. Which element has the lowest melting point? — **Helium**
8. ALU is a part of a computer — **Processor**
9. Official language of Chandigarh is — **English**
10. If demand curve for roller skates is $D = 23000 - 19P$ and supply curve is $S = 18000 + 6P$, find the equilibrium Price? — **Rs 200**
11. Match the characteristics with their market structure:
(a) Expand output until $MC = MR$ — **Monopolistic competition**
(b) Elasticity of demand depends on pricing policies of rivals — **Oligopoly**
12. Panna National park is in which state? — **Madhya Pradesh**
13. BSE SENSEX constitutes _____ number of companies. — **30**
14. International Date line passes through the middle of _____ Ocean. — **Pacific**
15. What is the capital of Turkey? — **Ankara**
16. Before its Independence, Bangladesh was part of — **Pakistan**
17. Humayun was born in the year — **1509**
18. Who Invented the 3-D printer? — **Chuck Hull**
19. Alpha particles are — **Just like Helium nuclei**
20. Unit of impedance is — **Ohm**
21. Who has served maximum time as the Prime minister of India? — **Jawaharlal Nehru**
22. What is the maximum number of Members in Lok Sabha? — **552**
23. In 2012 London Olympics, Saina Nehwal won the — **Bronze Medal**
24. Who is the author of "Go Clown: #Acche din for Comedy"? — **Shatrugna Vadwlas**
25. Periyar Tiger Reserve is in which state? — **Kerala**

CHSL 02/02/2017, 3rd Shift

1. Champaner - Pavagadh Archaeological Park is in — **Gujarat**
2. Highest Civilian honour received by Kamal Hassan is — **Padma Bhushan**
3. Which disease is caused due to deficiency of Iodine? — **Goitre**
4. *Grevillea Robusta* is the scientific name of — **Silver Oak**
5. The modern periodic table consists of 18 group and 7 periods. what is the atomic number of the element placed in the 3rd group and the 4th period? — **21**
6. Which metal has the highest melting point? — **Tungsten**
7. Who is known as father of computer? — **Charles Babbage**
8. Urdu is the official language of — **Jammu & Kashmir**
9. Stagflation is a period of — **Presistent high inflation combined with high unemployment**
10. CH_2CIF is a greenhouse gas or a gas which can _____ the ozone layer. — **Deplete**
11. Periyar National Park is in which mountain range? — **Western Ghats**
12. First Indian to swim across the English Channel was — **Mihir Sen**
13. Which islands are located in the Arabian Sea? — **Lakshadweep Islands**
14. Which state does not share its border with Jharkhand? — **Madhya Pradesh**
15. Ashoka converted to which religion after the Kalinga war? — **Buddhism**
16. Gandhi Ji started the Non-Cooperation Movement in — **1920**
17. Who discovered X-Ray? — **Wilhelm Rontgen**
18. Find the power of a convex lens if the image formed is at a distance of 25 cm from the lens when the object is placed on the other side of the lens at 12 cm from the optical centre? — **12.33 diopters**
19. What is the unit of the physical quantity Entropy? — **Joule per Kelvin**
20. Which article specifies the Fundamental Duties of every citizen? — **Article 51A**
21. Article 173 of the Indian Constitution "Qualification for membership of the State Legislature" deals with? — **The State Government**
22. Michael Schumacher is associated with which sport? — **Formula One Racing**
23. Who is the author of "The Guest"? — **Mitali Meelan**
24. If price of an article decreases from Rs.P1 to Rs.190, when quantity demanded increases from 5000 units to 5200 units, and if point elasticity of demand is -0.8 find P 1? — **Rs 200**
25. When a Cuttlefish is described as a Molluscs, it is at which level of classification? — **Phylum**

CHSL 03/02/2017, 1st Shift

1. Group of Monuments at Hampi is in — **Karnataka**
2. Taare Zameen Par has not National Film Award for — **Best Feature Film**
3. *Bambusa dendrocalmus* is the scientific name of — **Bamboo**
4. *Acinonyx Jabatus* is the scientific name of — **Cheetah**
5. Atomic number of Bromine is _____ than that of Zinc. — **Greater**
6. Commonly used abbreviation SEO in Computer Science stands for? — **Search Engine Optimization**
7. Chang Lo is a folk Dance of — **Nagaland**
8. If one more cobbler is hired the output of a shoe making unit will increase from 50 pairs of shoes to 55 pairs per day, but then the shoe making unit will have to reduce the price of a pair of shoes from Rs 3200 to Rs 3000 per Pair to sell the additional output, the marginal revenue product of the last cobbler is — **Rs 5000**
9. The Law of Demand is based on the concept that people — **Buy more of a good as the price of the good falls.**
10. The ozone layer is mainly found in the lower portion of the — **Stratosphere**
11. Ranthambore Tiger Reserve is in which state? — **Rajasthan**
12. How many Union Territories are there in India? — **7**
13. A hard coal containing little volatile matter is called — **Anthracite**
14. Port of Spain is the Capital City of — **Trinidad and Tobago**
15. Chanakya was the chief advisor of — **Chandragupta Maurya**
16. Battle of Haldighati in 1576 was fought between Akbar and — **Maharana Pratap**
17. Who invented JavaScript the Programming language? — **Brenda Eich**
18. _____ of a material is defined as the minimum of the work necessary to remove a free electron from the surface of the material. — **The Work Function**
19. Human beings hearing range is — **20 to 20,000 Hz**
20. The number of parliamentary seats (Lok Sabha) of Andhra Pradesh is — **25**
21. Number of players in a kabaddi team is — **7**
22. Who is the author of 'India: From Midnight to the Millennium'? — **Shashi Tharoor**
23. Decane has how many hydrogen atoms? — **22**
24. The pale yellow colour of urine is due to the presence of which pigment? — **Urochrome**
25. Which state has the highest Lok Sabha seats in India? — **Uttar Pradesh**

CHSL 03/02/2017, 2nd Shift

1. Manas Wildlife Sanctuary is in — **Assam**
2. MS Dhoni has not won _____ yet. — **Arjun Award**
3. Which drug is used as a Thyroid Hormone? — **Levothyroxine**
4. _____ constitute to form a gene. — **Polynucleotides**
5. Atomic number of Cobalt is greater than of Iron. — **Cobalt**
6. A series of instructions written by a programmer according to a given set of rules or conventions is called — **Syntax**
7. Kuchipudi is a folk dance of — **Andhra Pradesh**
8. If price of an article decreases from Rs. P1 to Rs. 240, when quantity demanded increases from 8000 units to 8400 units, and if point elasticity of demand is -1.25 find P1? — **Rs 250.**
9. An increase in price will — **Decrease consumer surplus**
10. CHCl_2 is a _____ which can deplete the ozone layer? — **Greenhouse Gas**
11. HSBC is _____ an Indian Bank? — **Not**
12. _____ are also called monsoon forests. — **Tropical Deciduous Forests**
13. Patna is the capital city of — **Bihar**
14. Gandhi Irwin pact happened in which year? — **1931**
15. In 1739, who defeated the Mughal army at the Battle of Karnal? — **Nader Shah**
16. Who Invented LCD Projector? — **Gene Dolgoff**
17. A cannon ball is fired. The motion of this ball is an example of — **Projectile motion**
18. What is the unit of the physical quantity, "Magnetic flux"? — **Weber**
19. The Panchayati Raj was first adopted by which of state? — **Rajasthan**
20. According to our Constitution, India is — **A secular State**
21. Number of players in Kabaddi is — **7**
22. Who is the author of "The Inheritance of Loss"? — **Kiran Desai**
23. Vertebrates belongs to the phylum — **Chordata**
24. What is washing soda? — **Sodium Carbonate**
25. _____ is the movement of chemical in the upper layers of soil into lower layers or into groundwater by being dissolved in water. — **Leaching**

CHSL 03/02/2017, 3rd Shift

1. The Red Fort (Delhi) was built by — **Shah Jahan**
2. Which drug is used as a Nonsteroidal anti-inflammatory drug? — **Ibuprofen**
3. *Punica granatum* is the scientific name of — **Pomegranate**
4. Between a tiger and an monkey, what is different? — **Order**
5. The modern periodic table consists of 18 groups and 7 periods. What is the atomic number of the element placed in the 1st group and the 4th period? — **19**
6. Atomic number of Platinum is _____ than that of Iodine. — **Greater**
7. Official language of Goa is — **Konkani**
8. In 2015, the nominal rate of interest in a country was 5.5% and the inflation rate then was 2.5% So real rate of interest in 2015 was — **3 percent**
9. For each perfectly competitive firm in the long run — **Price = marginal costs = minimum average total costs**
10. Ilmenite is an ore/mineral of — **Titanium**
11. Which dam is built on the Bhagirathi River? — **Tehri**
12. Which of these is India's National Anthem? — **Jana Gana Mana**
13. Itanagar is the Capital City of — **Arunachal Pradesh**
14. Panaji is the Capital City of — **Goa**
15. Gandhi ji studied Law in — **United Kingdom**
16. Whom did Akbar defeat in the 2nd battle of Panipat in 1556? — **Hemu Vikramaditya**
17. The artificial heart was invented by — **Paul Winchell**
18. What does the slope of a velocity time graph represent? — **Acceleration**
19. What is the unit of the physical quantity "Jerk"? — **Meter per second cube**
20. China is not considered as a — **Democracy**
21. Speaker of the Lok Sabha serves for a maximum term of _____ year. — **5**
22. Which Cricketer has scored highest number of runs in T-20 International? — **Brendon McCullum**
23. Who is the author of "The English Teacher"? — **R.K. Narayan**
24. Highest Civilian Honour received by Sania Mirza is — **Padma Bhushan**
25. _____ is a telecommunication network or computer network that extends over a large geographical distance. — **Wide Area Network**

CHSL 07/02/2017, 1st Shift

1. If price of an article decreases from Rs.100 to Rs.80, when quantity demanded increases from Q1 units to 4600 units, and if point elasticity demand is -0.75 find Q1? — **4000 units**
2. The oldest rock-cut architecture is found in — **Bihar**
3. Which drug is used as an Anti-Biotic? — **Azithromycin**
4. *Tamarindus Indica* is the scientific name of — **Tamarind**
5. In eukaryotic cells synthesis of RNA takes place in the — **Nucleus**
6. The modern periodic table consists of 18 groups and 7 periods. What is the atomic number of the element placed in the 2nd group and the 4th period? — **20**
7. Which element has the lowest melting point? — **Helium**
8. In Computers, what does ALU stand for? — **Arithmetic Logic Unit**
9. In which Indian Religion, there are 24 Tirthankaras? — **Jainism**
10. Inflation exists when — **There is general increase in the prices over time.**
11. CCl_2F_2 is a _____ which can deplete the ozone layer? — **Greenhouse Gas**
12. _____ is caused by parasites of the Plasmodium genus. — **Malaria**
13. Tiramisu is an _____ food. — **Italian**
14. Ganga do not flow through — **Punjab**
15. The Tropic of _____ passes almost halfway through India. — **Cancer**
16. Which Mughal Emperor fought the battle of Panipat in 1526? — **Babur**
17. The Peacock Throne was a famous jewelled throne that was the seat of the _____ emperors of India. — **Mughal**
18. Who invented Aerosol can? — **Erik Rotheim**
19. Transformer can StepUp a/c — **Power**
20. What is the unit of the physical quantity “Magnetic field strength”? — **Ampere per meter**
21. India is a _____ member of United Nations of Security Council. — **Non-permanent**
22. Right to education in our country is a _____ right. — **Fundamental**
23. Indian Super League is associated with which sport? — **Football**
24. Who is the author of “The Hungry Tide”? — **Amitav Ghosh**
25. For the movie “Taare Zameen Par”, Aamir Khan won the Filmfare Award for — **Best Director**

CHSL 07/02/2017, 2nd Shift

1. Where do metabolism cell reactions take place? — **Mitochondria**
2. Nepali is a _____ language in India. — **Scheduled**
3. ‘Rani Ki vav’ in Guajrat is a famous — **Stepwell**
4. VP Singh was _____ Prime Minister of India. — **7th**
5. Which drug is used to cure Allergies? — **Fexofenadine**
6. Oysters belongs to the phylum — **Mollusca**
7. Atomic mass of Oxygen is 16 and atomic number is 8. What is the mass in grams of 2 moles of oxygen gas? — **64**
8. Atomic number Calcium is _____ than that of Potassium. — **Greater**
9. Commonly used abbreviation SQL in computer science stands for? — **Structured Query Language**
10. Priya likes a wedding gown so much that she was willing to pay even Rs 30000 for it. Luckily she finds the same gown marked at Rs 25000 at a local store. The store is further offering a 30% discount on the gown. Priya’s consumer surplus is — **Rs 12500**
11. An increase in the price of tomatoes will _____ in the supply of tomato ketchup. — **Decrease**
12. Kaawli Tiger Reserve is in which state? — **Telangana**
13. Ranthambor National Park is in which state? — **Rajasthan**
14. Which sector has the highest number of people working in India? — **Agriculture**
15. An artificial navigation channel is called — **Canal**
16. Pyongyang is the capital city of — **North Korea**
17. Tipu Sultan lost his life in the _____ Anglo-Mysore war. — **4th**
18. Jodha Bai was married to — **Akbar**
19. Tetris, a type of a video game was invented by — **Alexey Pajitnow**
20. _____ is the mechanical transfer of energy to a system or from by an external force on it. — **Work**
21. What is myopia? — **Inability to see distant object clearly**
22. When was the Election Commission of India formed? — **1950**
23. The number of parliamentary seats (Lok Sabha) of Tamil Nadu is — **39**
24. Kimi Raikkonen is associated with which sport? — **Formula One**
25. Who is the author of “Love Stories that Touched my Heart”? — **Ravinder Singh**

CHSL 07/02/2017, 3rd Shift

1. Buddhist Mounuments at Sanchi is in — **Madhya Pradesh**
2. Madhuri Dixit has not won the — **National Film Award**
3. Which drug is used as an Anti-Histamine? — **Promethazine**
4. Caratine in fruits and vegetables gives it which colour? — **Orange**
5. *Equus Caballus* is the scientific name of — **Horse**
6. Analgesics — **Relieve Pain**
7. Atomic number of Scandium is _____ than that of Calcium. — **Greater**
8. Garba is a folk dance of — **Gujarat**
9. A creamic pottery unit hires 8 craftsmen by paying each of them Rs.900 per day. The 9th craftsman demands Rs.950 per day. If this craftsman is hired than all other craftsmen must be paid Rs.950. The marginal resource (labour) cost of the 9th craftsman is — **Rs 1350**
10. In a period when an economy is facing price rise, and along with that there is slowing down of economy activities, this is case of — **Stagflation**
11. Human beings belong to which category of the ecosystem? — **Omnivores**
12. Which Indian State has the highest GDP? — **Maharashtra**
13. What is the capital of Uttarakhand? — **Dehradun**
14. The outermost layer of Earth is called — **Crust**
15. Which Buddhist Council was held soon after the death of Gautam Buddha? — **First**
16. The Ibadat Khana was a meeting house built by which Mughal Emperor? — **Akbar**
17. Revolving Door was invented by — **Theophilus Van Kannel**
18. Instrument for measuring work performed is called — **Ergometer**
19. What is the unit of the physical quantity 'Stress'? — **Pascal**
20. Panchayati Raj system has an intermediate tier known as — **Panchayat Samiti**
21. The number of parliamentary seats (Lok Sabha) of Goa is — **2**
22. Andy Murray is associated with which Sport? — **Lawn Tennis**
23. Who is the author of 'Chanakya's Chant'? — **Ashwin Sanghi**
24. _____ are is not considered as a part of the Abiotic Environment. — **Plants**
25. Which company developed 'Swift' Programming Language? — **Apple**

CHSL 08/02/2017, 1st Shift

1. _____ comprises the archaeological remains of a monastic and scholastic institution. — **Nalanda**
2. Satyajee Ras has not won a _____ Award. — **Nobel**
3. *Elapidae Naja* is the scientific name of — **Cobra**
4. What is the chemical foomula of aluminium nitride? — **AlN**
5. Atomic number of Potassium is _____ than that of Chlorine. — **Greater**
6. Commonly used abbreviation ISP in computer science stands for? — **Internet Service Provider**
7. Ghoomar is a folk dance of — **Rajasthan**
8. If one more baker is hired the output of a bakery will increase from 1250 breads to 1400 breads per day, but then the bakery will have to reduce the price of the bread from Rs.15 to Rs.14 per unit to sell the additional output, the marginal revenue product of the last baker is — **Rs.850**
9. If a perfectly competitive firm can increase its profits by increasing its output, then that firm's product's — **Price exceeds its marginal costs**
10. Uraninite is an ore/mineral of — **Uranium**
11. Name India's oldest Credit Information Bureau. — **CIBIL**
12. A volcano that is not expected to erupt again is called — **Extinct volcano**
13. Paris is the capital city of — **France**
14. Chandragupta Maurya was born in Pataliputra, which is now in — **Bihar**
15. Battle of Kanauj in 1540 was fought between Sher Shah and — **Humayun**
16. Magic Marker was invented by — **Sidney Rosenthal**
17. Upward force on a floating body is called — **Buoyancy**
18. Women have shrill voice because of — **High frequency**
19. Who was the first female Governor of India? — **Sarojini Naidu**
20. The number of parliamentary seats (Lok Sabha) of Kerala is — **20**
21. In which Sport in Olympics, Indis has won maximum Gold Medals? — **Hockey**
22. The upper part of the heterosphere is composed almost completely of which gas? — **Hydrogen**
23. Who is the author of 'My Father is a Hero'? — **Nishant Kaushik**
24. Which disease is caused due to deficiency of Iron? — **Anaemia**
25. _____ is a leaf where the leaflets are arranged along the middle vein. — **Pinnately compound leaf**

CHSL 08/02/2017, 2nd Shift

1. Which programming language is developed by James A Gosling? — **Java**
2. Kaleidoscope was invented by — **David Brewster**
3. The nitrogenous waste of Human Beings is — **Urea**
4. Haustoria or sucking roots are found in — **Cuscuta**
5. *Equus Asinus* is the scientific name of — **Donkey**
6. _____ is an anaesthetic agent. — **Diethylether**
7. _____ is used for making chemical apparatus like beakers, flasks etc. — **Hard glass**
8. Rashtrapati Bhavan was built in — **1910**
9. Santhara is a religious ritual of community. — **Jain**
10. If for a perfectly competitive firm, price is Rs.60, output is 300 units, average variable costs are Rs.18, and average total costs are Rs.36. The firm's profits are equal to — **Rs.7200**
11. _____ will cause an increase in demand for good. — **An increase in the price of its substitute goods**
12. The ionosphere overlaps with which two layers of the atmosphere? — **Exosphere and Thermosphere**
13. Carcinogenic chemicals cause — **Cancer**
14. First country to appoint Lokpal or equivalent to a Lokpal is — **Sweden**
15. Which are the oldest mountains in India? — **Aravallis**
16. Which country is the largest producer of Rice? — **China**
17. Who built Jama Masjid? — **Shah Jahan**
18. Battle of Haldighati was fought in the year — **1576**
19. First Indian woman to get Bharat Ratna. — **Indira Gandhi**
20. When ice floats on water, its _____ part remains outside the water. — **0.1**
21. Instrument for measuring low temperatures is called — **Cryometer**
22. In Lok Sabha the total number of members from states is — **530**
23. At the time of emergency in 1975, who was serving as the President of India? — **Fakhruddin Ali Ahmed**
24. Kevin Durant plays which International Sport? — **Basketball**
25. Who is the author of the book - "My Experiments with Truth"? — **Mahatma Gandhi**

CHSL 08/02/2017, 3rd Shift

1. Which drug is used as an Anti-Anxiety drug? — **Diazepam**
2. *Ficus benghalensis* is the scientific name of — **Banyan**
3. *Equus burchellii* is scientific name of — **Zebra**
4. Atomic number of Zinc is _____ than that of Copper? — **Copper**
5. Vacuum Tubes were used by _____ Generation of Computers. — **First**
6. Ghumura is a folk dance of — **Odisha**
7. 7 workers work in a printing press. Each gets paid Rs.450 per day. The 8th worker demands Rs.500 per day. If this worker is hired then all other workers must be paid Rs.500. The marginal resource (labour) cost of the 8th worker is — **Rs.850**
8. An increase of 1% per annum in the rate of growth of the money supply will increase inflation in the long run by — **One Percent**
9. Photo-voltaic cell converts — **Light energy into Electric energy**
10. Methane an air pollutant is produced — **By digestion of food by animals**
11. In the National Flag of India, Ashok Chakra is _____ spoked wheel. — **24**
12. The longest day of the year in the Northern Hemisphere occur on — **21th June**
13. Chandragupta Maurya was an ardent follower of — **Jainism**
14. The First Battle of Panipat in 1526 was fought between the Lodi Empire and — **Babur**
15. Who Invented Ceiling fan? — **Philip Diehi**
16. Rate of Work done is — **Power**
17. What is the unit of the physical quantity 'Young's Modulus'? — **Pascal**
18. Pradhan Mantri Mudra Yojana was announced under the leadership of — **Narendra Modi**
19. The number of parliamentary seats (Lok Sabha) of Punjab is — **13**
20. Who has the record of highest number of Gold Medals in the history of Olympic? — **Michael Phelps**
21. Who is the author of 'Gently Falls: The Bakula'? — **Sudha Murty**
22. Which fort is also known as the Golden Fort? — **Jaisalmer**
23. Highest Civilian Honour received by Shabana Azmi is — **Padma Bhushan**
24. Most common isotope of Hydrogen is — **Protium**
25. Which Indian lake is renowned as the Lagoon lake of India? — **Chilika Lake**