Staff Selection Commission
(Government Of India)

REGISTRATION NUMBER : qmaths.in
EXAM DATE : 8-September-2016 EXAM
NAME : SSC Examination 2016 TOTAL
MARKS : 200

CANDIDATE NAME : qmaths.in
EXAM START TIME : 13:15:00
EXAM DURATION : 01:15 Hrs
TOTAL NO OF QUESTIONS : 100

Question 1.Select the related word/letters/numbers from the given alternatives:

दिये गये विकल्पों में से संबन्धित शब्द/अक्षरों/संख्या को चुनिए।

FINGERS : HAND :: ? : FEET

अंगुली : हाथ :: ? : पैर

Options:
1) NAILS
नाख़ून
2) TOES
पैर की अंगुली
3) ANKLE
टखना
4) HEELS
एड़ियाँ

Correct Answer: TOES
पैर की अंगुली

Candidate Answer: TOES
पैर की अंगुली

Question 2.Select the related word/letters/numbers from the given alternatives:

दिये गये विकल्पों में से संबन्धित शब्द/अक्षरों/संख्या को चुनिए।

OOQR : QQST :: UUWX : ?
Options:
1) WWYZ

2) YYWZ

3) ZZWY

4) YYZZ

Correct Answer: WWYZ
Candidate Answer: WWYZ

Question 3.Select the related word/letters/numbers from the given alternatives:

दिये गये विकल्पों में से संबन्धित शब्द/अक्षरों/संख्या को चुनिए।

342 : 453 :: 831 : ?
Options:
1) 720

2) 740

3) 922

4) 942

Correct Answer: 942
Candidate Answer: 942

Question 4.

For the following questions

Find the odd word/letters/number from the given alternatives.
(A) Barbarous (B) Uncivilized (C) Gentle (D) Wild

दिए गए विकल्पों में से विषम शब्द/संख्या/अक्षर/संख्या चुनिए।
(A) बर्बर (B) असभ्य (C) कोमल (D) जगंली

Options:
1) A

2) B

3) C

4) D

Correct Answer: C
Candidate Answer: C

Question 5.

For the following questions

Find the odd word/letters/number from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/संख्या/अक्षर/संख्या चुनिए।
(A) BCE (B) WXZ (C) MNP (D) GHK

Options:
1) A

2) B

3) C

4) D
Correct Answer: D
Candidate Answer: D

Question 6.

For the following questions

Find the odd word/letters/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/संख्या/अक्षर/संख्या युग्म चुनिए।
(A) 48:134 (B) 40:110 (C) 18:48 (D) 30:80

Options:

1) A

2) B

3) C

4) D

Correct Answer: C
Candidate Answer: C

Question 7.Arrange the following words as per order in the dictionary.

निम्नलिखित शब्दों को शब्दकोश के क्रम के अनुसार व्यवस्थित कीजिये।

1. Modicum 2. Modal 3. Mode 4. Modifier
Options:
1) 2,3,1,4

2) 2,3,4,1

3) 3,2,1,4

4) 3,2,4,1

Correct Answer: 2,3,1,4
Candidate Answer: 2,3,1,4

Question 8.In the given series one term is missing. Choose the correct alternative from the given ones that will complete the series.

दिए गए अनुक्रम में एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनिए जो अनुक्रम को पूरा करे।

XBC,WFG,VJK,?
Options:
1) XGH

2) UNO

3) YFG

4) WKL
Correct Answer: UNO
Candidate Answer: UNO

Question 9.Which number will complete the series?

निम्नलिखित में से दिए गए विकल्पों में से वह सही विकल्प चुनिए जो श्रेणी को पूर्ण करेगा ?

0,1,4,15,?,325,1956
Options:
1) 60

2) 64

3) 75

4) 80
Correct Answer: 64
Candidate Answer: [NOT ANSWERED]

Question 10.Pointing to a lady in a photograph, Meera said, "Her father's only son's wife is my mother-in-law". How is Meera's husband related to that lady in the photo?

फोटो में किसी महिला को दिखाते हुए मीरा ने कहा, "उसके पिता के एकमात्र पुत्र की पत्नी मेरी सासु-मॉं है"। मीरा के पति का फोटो में दिखाई गई महिला से क्या सम्बन्ध है ?

Options:
1) Nephew
भतीजा
2) Uncle
चाचा
3) Son
पुत्र
4) Father
पिता

Correct Answer: Nephew
भतीजा

Candidate Answer: Nephew

भतीजा

Question 11.Five people A,B,C,D and E are sitting in a row facing you such that D is on the left of C and B is on the right of E. A is on the right of C and B is on the left of D. If E occupies a corner position, then whose sitting in the centre?

पॉंच व्यक्ति A,B,C,D और E आपके सामने मुँह करके एक पंक्ति में इस प्रकार बैठे हैं कि D, C के बायीं ओर है और B,E के दायीं ओर है। A, C के दायीं ओर है और B, D के बायीं ओर है। यदि E कोने में बैठा हो, तो पंक्ति के बीच में कौन बैठा है ?

Options:
1) A

2) B

3) C

4) D

Correct Answer: D
Candidate Answer: D

Question 12.From the given alternative words, select the word which cannot be formed using the letters of the given word:

निम्नलिखित विकल्पों में से वह शब्द चुनिये जो दिए गए शब्द के अक्षरों का

प्रयोग करके नहीं बनाया जा सकती है:
INTROSPECTION

Options:
1) INSPECTION

2) SCOPE

3) SECTOR

4) ROUTE
Correct Answer: ROUTE
Candidate Answer: ROUTE

Question 13.If I=9 and SLIP=56, then FALL= ?

यदि I=9 और SLIP=56 हो, तो FALL= ?
Options:
1) 21

2) 31

3) 41

4) 51
Correct Answer: 31

Candidate Answer: 31

Question 14.If '+' means '÷', '−' means '×', '÷' means '+' and '×' means '−', then 36×12+4÷6+2−3= ?

यदि '+' का अर्थ है '÷', '−' का अर्थ है '×', '÷' का अर्थ है '+' और '×' का अर्थ है '−' हो, तो 36×12+4÷6+2−3= ?

Options:
1) 2

2) 6 1/2

3) 18

4) 42

Correct Answer: 42
Candidate Answer: 42

Question 15.Some equations have been solved on the basis of a certain pattern. Find the correct answer for the unsolved equation on that basis.

किसी प्रणाली के आधार पर कुछ समीकरण हल किये गये हैं। विकल्प के रूप में दिये गये चार उत्तरों में से हल न किये गये समीकरण का उत्तर दिजिये।

8x7x6=765
5x3x2=421
9x6x4= ?

Options:

1) 583

2) 853

3) 841

4) 481

Correct Answer: 853

Candidate Answer: [NOT ANSWERED]

Question 16.Find the missing term in the following question:-

दिए गए उत्तरों में से लुप्त संख्या ज्ञात कीजिये।

6	15	20
8	4	5
3	5	20
51	65	?

Options:

1) 56

2) 12

3) 120

4) 51

Correct Answer: 120

Candidate Answer: 120

Question 17.Ajit, starting from a fixed point, goes 10 m towards North and then after turning to his right he goes 10 m. Then he goes 5,10 and 10 meters after turning to his left each time. How far is he from his starting point?

अजीत एक निश्चित बिन्दु से चलना शुरू करके उत्तर की ओर 10 मीटर चलता है, फिर दायीं ओर मुड़कर 10 मीटर चलता है। फिर वह हर बार अपने बायीं ओर मुड़कर 5,10 और 10 मीटर चलता है। वह उस बिन्दु से कितना दूर है जहां से उसने चलना प्रारम्भ किया था ?

Options:
1) 15 m
15 मी.
2) 10 m
10 मी.
3) 5 m
5 मी.
4) 3 m
3 मी.

Correct Answer: 5 m
5 मी.

Candidate Answer: 10 m
10 मी.

Question 18.Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

Statement: Honesty is the best policy.
Conclusion
I: All should be honest.
II: Only some people should be honest.

निम्नलिखित प्रश्न में एक या दो वक्तव्य दिये गये हैं, जिसके आगे दो निष्कर्ष/ मान्यताएं, I और II निकाले गये हैं। आपको विचार करना है कि वक्तव्य सत्य है चाहे वह सामान्यतः शर्त / तथ्यों से भिन्न प्रतीत होता हो। आपको निर्णय करना है कि दिए गए वक्तव्य में से कौन-सा निश्चित रूप से सही निष्कर्ष/ मान्यता निकाला जा सकता है ?

कथन : I-ईमानदारी सबसे अच्छी नीति है।

निष्कर्ष:

I- सबको ईमानदार होना चाहिए। निष्कर्ष:

II-केवल कुछ लोगों को ईमानदार होना चाहिए।

Options:

1) Only conclusion I follows
केवल निष्कर्ष I सही है।

2) Only conclusion II follows
केवल निष्कर्ष II सही है।

3) Both conclusion I and conclusion II follow
निष्कर्ष I और निष्कर्ष II दोनो सही है।

4) Neither conclusion I nor conclusion II follows
न निष्कर्ष I सही है और न निष्कर्ष II

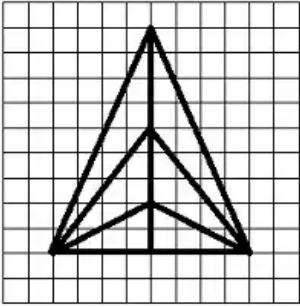**Correct Answer:** Only conclusion I follows
केवल निष्कर्ष I सही है।

Candidate Answer: Only conclusion I follows
केवल निष्कर्ष I सही है।

Question 19.Find the number of triangles in the figure.

दिए गए प्रश्न चित्र में कितने त्रिभुज हैं ?

Options:
1) 14

2) 15

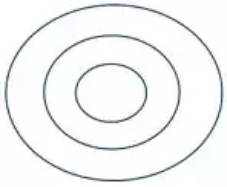**3**) 16

4) 20
Correct Answer: 15
Candidate Answer: 20

Question 20.Which one of the following diagram represent the relationship among Parliament, Council of Ministers and Prime Minister?
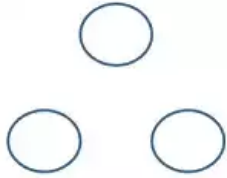
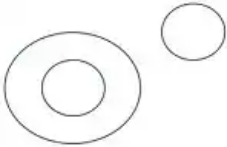निम्नलिखित में से कौन-सा आरेख संसद, मंत्री परिषद ओर प्रधानमंत्री के बीच संबंध दर्शाता है ?
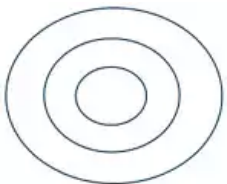
Options:

1)

2)

3)

4)

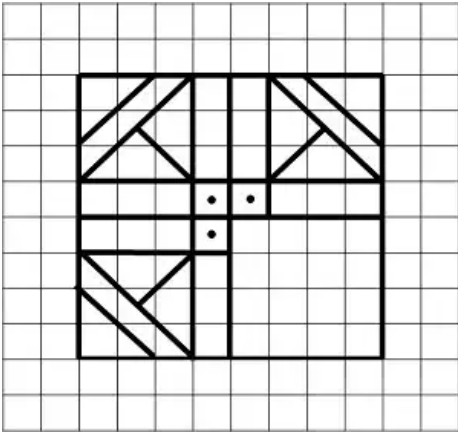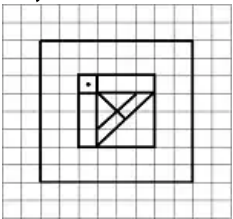

Correct Answer:

Candidate Answer:

Question 21.In question no. 21, which answer will complete the pattern in the question figure?

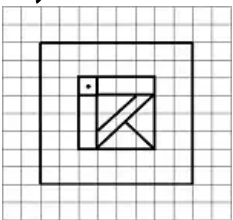कौन-सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी ?

Options:

1)

2)

3)

4)
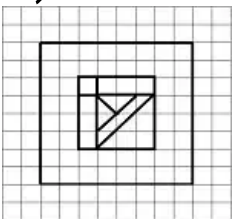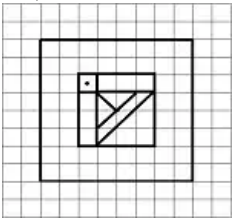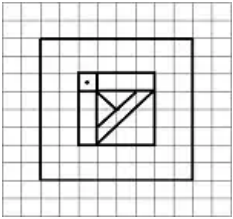
Correct Answer:
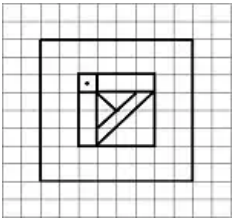
Candidate Answer:

Question 22.From the given answer figures, select the one in which the question figure is hidden/embedded.

दी गई उत्तर आकृतियों में से उत्तर आकृति को चुनिए जिसमें प्रश्न आकृति निहित है।
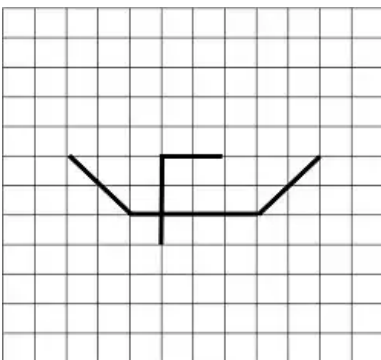
Options:

1)

2)

3)

4)
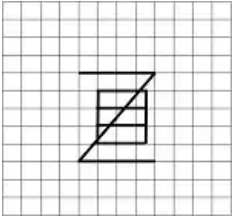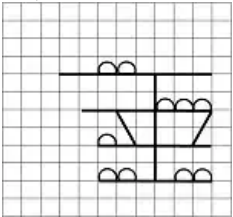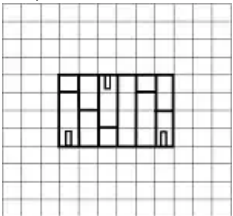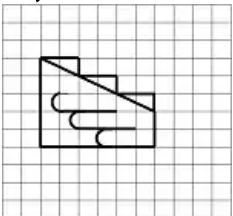
Correct Answer:
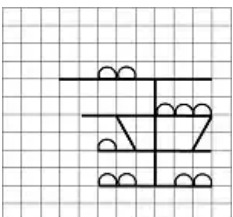
Candidate Answer:
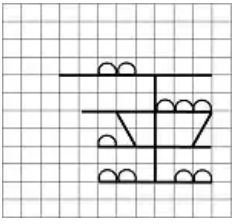
Question 23.A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर काटने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा ?

Options:
1)

2)

3)

4)
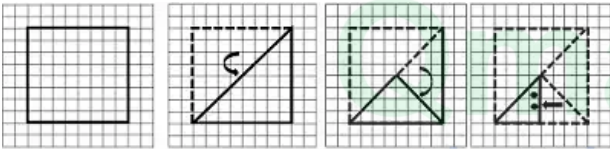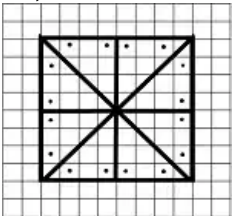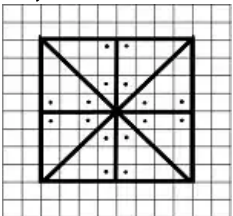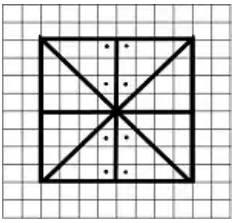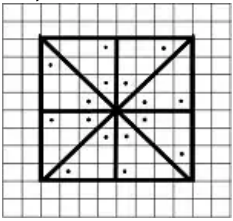
Correct Answer:
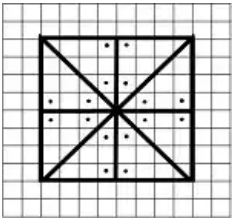
Candidate Answer: [NOT ANSWERED]

Question 24.If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

यदि एक दर्पण को MN रेखा पर रखा जाये तो दी गई उत्तर आकृतियों में से कौन-सी आकृति प्रश्न आकृति की सही प्रतितिम्ब होगी ?
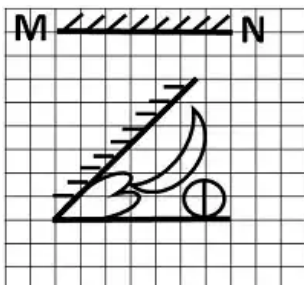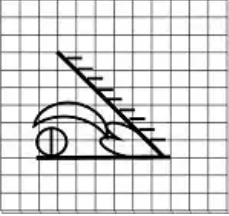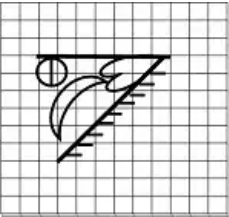
Options:

1)

2)

3)

4)
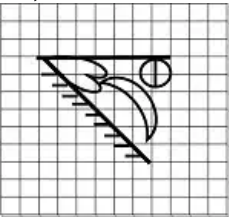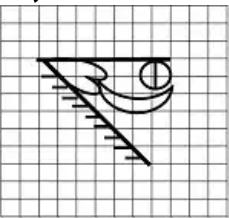
Correct Answer:
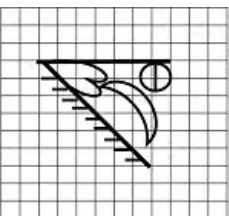
Candidate Answer:
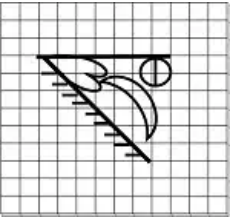
Question 25.In this question, the sets of numbers given in the alternatives are represented. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., A can be represented by 03,55, etc., and 'P' can be represented by 10, 44, etc. Similarly you have to identify the set for the word 'BOAT'.

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसे कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसे कि नीचे दिए गए दो आव्यूहों में हैं। आव्यूह I के स्तंभ और पंक्ती की संख्या 0 से 4 और आव्यूह II की 5 से 9 दी गई है। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ती और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'A' को 03, 55 आदि द्वारा दर्शाया जा सकता है तथा 'P ' को 10, 44 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको दिए हुए शब्द 'BOAT' के लिए समूह को पहचानना है।

Matrix-I					
	0	1	2	3	4
0	K	G	E	A	S
1	P	V	H	R	Y
2	N	U	N	R	K
3	W	S	B	O	J
4	T	U	A	I	P

	5	6	7	8	9
5	A	H	U	W	N
6	Y	R	B	T	V
7	O	I	H	B	Q
8	V	O	E	I	S
9	E	T	K	W	P

Options:
1) 67,86,55,40

2) 32,86,77,68

3) 78,33,55,44

4) 67,86,31,40
Correct Answer: 67,86,55,40
Candidate Answer: 67,86,55,40

Question 26.Saving is that portion of money income that is .....

बचत आय राशि का वह भाग है जिसे .....

Options:
1) spent for development of Industries
उद्योगों के विकास के लिए खर्च किया जाता है।
2) not spent on consumption
जिसे उपभोग पर खर्च नहीं किया जाता।
3) spent on health and education
जिसे स्वास्थ्य एवं शिक्षा पर खर्च किया जाता है।
4) spent for consumer durables

जिसे उपभोक्ता सामान (टिकाऊ) पर खर्च किया जाता है

Correct Answer: not spent on consumption
जिसे उपभोग पर खर्च नहीं किया जाता।

Candidate Answer: not spent on consumption
जिसे उपभोग पर खर्च नहीं किया जाता।

Question 27.In which field did Amartya Sen win the Nobel Prize ?

अर्मत्य सेन ने किस क्षेत्र में नोबेल पुरस्कार जीता है ?

Options:
1) Micro Economics
सूक्ष्म अर्थशास्त्र
2) Welfare Economics
कल्याण अर्थशास्त्र
3) Economic Growth Model
आर्थिक विकास मॉडल
4) Input-Output Model
निवेश-उत्पाद मॉडल

Correct Answer: Welfare Economics
कल्याण अर्थशास्त्र

Candidate Answer: Micro Economics
सूक्ष्म अर्थशास्त्र

Question 28.Raja Ravi Varma was a great painter of which of the following ?

राजा रवि वर्मा कहाँ के महान चित्रकार थे ?

Options:
1) Bengal
बंगाल

2) Bihar
बिहार

3) Punjab
पंजाब

4) Kerala
केरल

Correct Answer: Kerala
केरल

Candidate Answer: [NOT ANSWERED]

Question 29.Who was the founder of the Theosophical society of India?

भारत की थिओसोफ़िकल सोसाइटी के संस्थापक कौन थे/थी ?

Options:
1) Annie Besant
ऐनी बेसेन्ट

2) Womesh Chandra Bannerjee
वोमेश चन्द्र बनर्जी

3) Ram Prasad Bismil
राम प्रसाद बिस्मिल

4) Subhash Chandra Bose

सुभाष चन्द्र बोस

Correct Answer: Annie Besant

ऐनी बेसेन्ट

Candidate Answer: Annie Besant

ऐनी बेसेन्ट

Question 30.Who coined the Chipko slogan "Ecology is Permanent Economy"?

चिपको नारा "पारिस्थिति की स्थायी अर्थव्यवस्था है " किसने गढ़ा था ?

Options:
1) Chan Prasad Bhatt

चान प्रसाद भट्ट

2) Sundarlal Bahuguna

सुंदरलाल बहुगुणा

3) Shayam Prasad Bahuguna

श्याम प्रसाद बहुगुणा

4) Bachni Devi

बचनी देवी

Correct Answer: Sundarlal Bahuguna

सुंदरलाल बहुगुणा

Candidate Answer: [NOT ANSWERED]

Question 31.Which of the following is Study of fossils ?

जीवाश्म (फॉसिल्स) के अध्ययन को क्या कहते है?

Options:

1) Ethology
आचार शास्त्र

2) Etiology
हेतु विज्ञान

3) Anthropology
मानव विज्ञान

4) Palaeontology
जीवाश्म विज्ञान

Correct Answer: Palaeontology
जीवाश्म विज्ञान

Candidate Answer: Palaeontology
जीवाश्म विज्ञान

Question 32.Chemical properties of isotopes ....

आइसोटोप्स के रासायनिक गुण ....

Options:
1) must be same
समान होने चाहिये

2) must be different
भिन्न-भिन्न होने चाहिये

3) need not be same
समान होना आवश्यक नहीं है ।

4) need not be different
भिन्न-भिन्न होना आवश्यक नहीं है ।

Correct Answer: must be same
समान होने चाहिये

Candidate Answer: must be same

समान होने चाहिये

Question 33.Which of the following is the operation executed on data stored in registers?

रजिस्टरों में संचित डाटा पर निष्पादित ऑपरेशन को क्या कहते हैं?

Options:
1) Bit-operation
बिट-ऑपरेशन

2) Macro-operation
मैक्रो-ऑपरेशन

3) Micro-operation
माइक्रो-ऑपरेशन

4) Byte-operation
बाइट-ऑपरेशन

Correct Answer: Micro-operation
माइक्रो-ऑपरेशन

Candidate Answer: Bit-operation
बिट-ऑपरेशन

Question 34.Sour taste of lemon is due to the presence of which of the following ?

नींबू का खट्टा स्वाद किसकी मौजूदगी के कारण होता है ?

Options:
1) Citric acid

साईट्रिक एसिड

2) Acetic acid

एसिटिक एसीड

3) Oxalic acid

ऑकसेलिक एसीड

4) Formic acid

फॉर्मिक एसिड

Correct Answer: Citric acid

साईट्रिक एसिड

Candidate Answer: Citric acid

साईट्रिक एसिड

Question 35.Which State has the longest coastline?

किस राज्य में सबसे लम्बी तटरेखा है ?

Options:

1) Andhra Pradesh

आन्ध्र प्रदेश

2) Maharashtra

महाराष्ट्र

3) Gujarat

गुजरात

4) Karnataka

कर्नाटिक

Correct Answer: Gujarat

गुजरात

Candidate Answer: Gujarat

गुजरात

Question 36.Which among the following cities in India is not located in Golden Quadrilateral Road Network?

भारत में निम्नलिखित में से कौन-सा शहर स्वर्ण चतुर्भुज मार्ग नेटवर्क में स्थित नहीं है ?

Options:
1) Kolkata
कोलकाता
2) Mumbai
मुम्बई
3) New Delhi
नई दिल्ली
4) Chandigarh
चण्डीगढ

Correct Answer: Chandigarh
चण्डीगढ

Candidate Answer: New Delhi
नई दिल्ली

Question 37.Which is the first Indian State to go wholly organic ?

पूर्णतया कार्बनिक (ऑर्गनिक)बनने वाला प्रथम भारतीय राज्य कौन-सा है ?

Options:
1) Meghalaya

मेघालय

2) Sikkim

सिक्किम

3) Manipur

मणिपुर

4) Assam

असम

Correct Answer: Sikkim

सिक्किम

Candidate Answer: [NOT ANSWERED]

Question 38.What is the role of "Ombudsman" in a bank?

बैंक में 'ओमबुड्समैन' की क्या भूमिका है ?

Options:

1) To provide quality and speedy redressal of grievances of customers.

ग्राहको की शिकायतों का उत्कृष्ट ओर द्रुत निवारण करना।

2) To provide suggestions for innovative schemes in the banks.

बैंको में अभिनव योजनाओं के लिए सुझाव देना।

3) To inspect the internal working of the branches.

शाखाओं के आन्तरिक काम काज का निरीक्षण करना।

4) To monitor the poverty alleviation programmes undertaken by or implemented by the bank.

बैंक द्वारा शुरू किए गये या क्रियान्वित गरीबी उन्मूलन कार्यक्रमों को मॉनिटर करना।

Correct Answer: To provide quality and speedy redressal of grievances of customers.

ग्राहको की शिकायतों का उत्कृष्ट ओर द्रुत निवारण करना।

Candidate Answer: To provide quality and speedy redressal of grievances of customers.

ग्राहको की शिकायतों का उत्कृष्ट ओर द्रुत निवारण करना।

Question 39.Which of the following schedules contains special provisions for the administration of tribal areas in the four north-eastern states of Assam, Meghalaya, Tripura and Mizoram

निम्नलिखित में से किस अनुसूची में असम, मेघालय, त्रिपुरा और मिजोरम के चार पूर्वोत्तर राज्यों में जनजातिय क्षेत्रों के प्रशासन का विशेष प्रावधान है ?

Options:
1) First schedule
प्रथम अनुसूची
2) Second schedule
दूसरी अनुसूची
3) Third schedule
तीसरी अनुसूची
4) Sixth schedule
छठवीं अनुसूची

Correct Answer: Sixth schedule
छठवीं अनुसूची

Candidate Answer: [NOT ANSWERED]

Question 40.Who appoints the members of the State Public Service Commission ?

राज्य लोक सेवा आयोग के सदस्यों की नियुक्ति कौन करता है ?

Options:
1) Chief Minister
मुख्य मन्त्री
2) Governor
राज्यपाल
3) Chief Justice
मुख्य न्यायधीश
4) Vice President
उपराष्ट्रपति

Correct Answer: Governor
राज्यपाल

Candidate Answer: [NOT ANSWERED]

Question 41.Who was the first Indian to be elected as the leader of the Communist International?

वह प्रथम भारतीय कौन था जिसे कम्यूनिस्ट इंटरनेशनल का नेता निर्वाचित किया गया था ?

Options:
1) Jawaharlal Nehru
जवाहर लाल नेहरू
2) P.C. Joshi

पी.सी. जोशी

3) Sardar Vallabhai Patel

सरदार वल्लभ भाई पटेल

4) M.N Roy

एम.एन.राय

Correct Answer: M.N Roy

एम.एन.राय

Candidate Answer: [NOT ANSWERED]

Question 42.What is the source of natural energy of the hot springs at Manikaran in Himachal Pradesh ?

हिमाचल प्रदेश में मणिकरण में गर्म झरनों की प्राकृतिक ऊर्जा का स्रोत क्या है ?

Options:

1) Geothermal Energy

भूतापीय ऊर्जा

2) Biomass Energy

बायोमास ऊर्जा

3) Thermal Energy

ताप ऊर्जा

4) Hydro Energy

जल ऊर्जा

Correct Answer: Geothermal Energy

भूतापीय ऊर्जा

Candidate Answer: [NOT ANSWERED]

Question 43.Which of the following is a Dominant Autosomal Disorder ?

निम्नलिखित में से क्या आलिंगसूत्रीय अव्यवस्था (डोमिनैन्ट ऑटोसोमल डिसआर्डर) है ?

Options:
1) Albinism
एल्बिनिज्म
2) Cystic Fibrosis
सिस्टीक फाइब्रोसिस
3) Phenyl Ketorunia
फिनाइल केटोरूनिया
4) Alzheimer's Disease
अलजाइमर रोग

Correct Answer: Alzheimer's Disease
अलजाइमर रोग

Candidate Answer: [NOT ANSWERED]

Question 44.Glycol is used to manufacture which of the following ?

ग्लाइकोल का प्रयोग किसके निर्माण में किया जाता है ?

Options:
1) Nylon
नाइलोन
2) Artificial silk

कृत्रिम रेशम

3) Terylene

टेरिलीन

4) Rubber

रबड़

Correct Answer: Terylene

टेरिलीन

Candidate Answer: [NOT ANSWERED]

Question 45.The movement inside the Earth's crust is studied by which of the following ?

पृथ्वी की परत के भीतर की हलचल का अध्ययन किसके द्वारा किया जाता है ?

Options:

1) Geology

भू-विज्ञान

2) Seismology

भूकम्प विज्ञान

3) Plate tectonics

प्लेट विवर्तनिकी

4) Pantograph

सर्वमापलिख

(पेन्टोग्राफ)

Correct Answer: Seismology

भूकम्प विज्ञान

Candidate Answer: Seismology
भूकम्प विज्ञान

Question 46."Lona" is related to which game?

लोना' किस खेल से सम्बद्ध है ?

Options:
1) Kho Kho
खो-खो
2) Kabbaddi
कबड्डी
3) Lawn Tennis
लॉन-टेनिस
4) Badminton
बैडमिन्टन

Correct Answer: Kabbaddi
कबड्डी

Candidate Answer: [NOT ANSWERED]

Question 47.Ten thaats or scales, belong to which system of music?

दस ठाठ या स्वरग्राम, संगीत की किस प्रणाली से सम्बन्धित है ?

Options:
1) Hindustani Music
हिन्दुस्तानी संगीत
2) Folk Music

लोक संगीत

3) Chinese Music

चीनी संगीत

4) Western Music

पाश्चात्य संगीत

Correct Answer: Hindustani Music

हिन्दुस्तानी संगीत

Candidate Answer: [NOT ANSWERED]

Question 48.Which one among the following components can not be developed within an "integrated circuit"?

निम्नलिखित में से कौन-सा घटक एकीकृत परिपथ के भीतर नहीं बन सकता है ?

Options:

1) Diode

डायोड

2) Triode

ट्रायोड

3) Transformer

ट्रॉसफार्मर

4) Transistor

ट्रॉजिस्टर

Correct Answer: Transformer

ट्रॉसफार्मर

Candidate Answer: Transformer

ट्रॉसफार्मर

Question 49.What is the transplantation of graft between genetically identical individuals ?

आनुवंशिक रूप से समान व्यक्तियों के बीच प्रत्यारोपण को क्या कहते हैं ?

Options:
1) Autograft
ऑटोग्राफट
2) Isograft
आइसोग्राफट
3) Allograft
एलोग्राफट
4) Xenograft
जीनोग्राफट

Correct Answer: Isograft
आइसोग्राफट
Candidate Answer: [NOT ANSWERED]

Question 50.Yogeshwar Dutt is associated with which sport?

योगेश्वर दत्त किस खेल से जुड़े हैं ?

Options:
1) Discus Throw
डिस्कस थ्रो
2) Wrestling

कुश्ती
3) Shooting
निशाने बाजी
4) Pole Vault
पोल वॉल्ट

Correct Answer: Wrestling
कुश्ती

Candidate Answer: Wrestling
कुश्ती

Question 51.Number of composite numbers lying between 67 and 101 is

67 और 101 के बीच कितनी भाज्य संख्याएँ हैं ?
Options:
1) 27

2) 24

3) 26

4) 23

Correct Answer: 27
Candidate Answer: [NOT ANSWERED]

Question 52.A dealer allows a discount of 15%. A customer pays an amount of Rs. 318.75 for an article. At what price is the article listed?

एक विक्रेता 15% की छूट देता है। कोई ग्राहक किसी वस्तु के लिए Rs. 318.75 की राशि अदा करता है। वस्तु की सूची कीमत ज्ञात कीजिये ?

Options:

1) Rs. 366.50

2) Rs. 375.00

3) Rs. 350.00

4) Rs. 431.25

Correct Answer: Rs. 375.00

Candidate Answer: Rs. 375.00

Question 53.The reciprocals of the squares of the numbers 1½ and 1⅓ are in the ratio

1½ और 1⅓ के वर्गों के व्युत्क्रम किस अनुपात में होंगे ?

Options:

1) 64 : 81

2) 8 : 9

3) 81 : 64

4) 9 : 8

Correct Answer: 64 : 81

Candidate Answer: 81 : 64

Question 54.The average of 15 numbers is 7. If the average of the first 8 numbers is 6.5 and the average of the last 8 numbers is 8.5 then middle number is

15 संख्याओं का औसत 7 है। यदि पहली 8 संख्याओं का औसत 6.5 हो और अंतिम 8 संख्याओं का औसत 8.5 हो तो बीच वाली संख्या ज्ञात कीजिये ?

Options:
1) 10

2) 23

3) 13

4) 15

Correct Answer: 15
Candidate Answer: 15

Question 55.A man bought 25 crates of oranges for Rs. 10,000. He lost 5 crates. In order to earn a total profit of 25% of the total cost, he would have to sell each of the remaining crates at

किसी व्यक्ति ने संतरों के 25 क्रेट Rs. 10000 में खरीदे। उनमें से 5 क्रेट खो गये। अब वह शेष क्रेट में से प्रत्येक क्रेट किस दाम पर बेचे कि उसको कुल लागत पर 25% का लाभ हो ?

Options:
1) Rs.650

2) Rs. 625

3) Rs. 600

4) Rs. 575
Correct Answer: Rs. 625
Candidate Answer: Rs. 625

Question 56.What is the difference between 0.6 and 0.6%?

0.6 और 0.6% के बीच क्या अन्तर है ?
Options:
1) 5.94

2) 0.594

3) 60

4) 54

Correct Answer: 0.594
Candidate Answer: 0.594

Question 57.A man travels ¾th of the distance of his journey by bus, ⅛th by Rickshaw and 2 km on foot. The

total distance travelled by the man is

कोई व्यक्ति अपनी यात्रा की 3/4 दूरी बस से, 1/6 रिक्शा से और 2 कि0मी0 पैदल तय करता है। उस व्यक्ति ने कुल कितनी यात्रा की ?

Options:
1) 12 km

2) 18 km

3) 20 km

4) 24 km

Correct Answer: 24 km
Candidate Answer: 24 km

Question 58.The compound interest on Rs.1000 at 10% per annum for 3 years in (Rs.) is

3 वर्ष के लिए 10% वार्षिक दर पर Rs. 1000 पर चक्रवृद्धि ब्याज क्या होगा ?

Options:
1) Rs. 1331

2) Rs. 331

3) Rs. 300

4) Rs. 1300

Correct Answer: Rs. 331
Candidate Answer: Rs. 331

Question 59.

यदि √3 = 1 . 732 हो, तो

$\frac{9+2\sqrt{3}}{\sqrt{3}}$ का मान ज्ञात कीजिये ?

Options:
1) 7.169

2) 7.196

3) 5.198

4) 7.296

Correct Answer: 7.196
Candidate Answer: 7.196

Question 60.

Options:
1) -2

2) 0

3) 2

4) 4

Correct Answer: 0

Candidate Answer: 0

Question 61.In ∆ABC, the medians AD and BE meet at G. The ratio of the areas of ∆BDG and the quadrilateral GDCE is

∆ABC में माध्यिकाएँ AD और BE परस्पर G पर मिलती है। ∆BDG और समचतुर्भुज GDCE के क्षेत्रफलों का अनुपात ज्ञात कीजिये ?

Options:

1) 1 : 2

2) 1 : 3

3) 2 : 3

4) 3 : 4

Correct Answer: 1 : 2

Candidate Answer: [NOT ANSWERED]

Question 62.

यदि PQRSTU एक चक्रीय चतुर्भुज है, तब ∠P+∠R+∠T किसके बराबर होगा ?

Options:

1) 720°

2) 360°

3) 540°

4) 180°

Correct Answer: 360°

Candidate Answer: [NOT ANSWERED]

Question 63.

Options:

1) 30°

2) 45°

3) 60°

4) 75°

Correct Answer: 30°

Candidate Answer: 30°

Question 64.Sashi can do a piece of work in 20 days. Tanya is 25% more efficient than Sashi. The number of days taken by Tanya to do the same piece of work is:

शशि किसी काम को 20 दिन में कर सकती है। तान्या उससे 25% अधिक दक्ष है। वही काम तान्या कितने दिनों में पूरा करेगी ?

Options:

1) 15

2) 16

3) 18

4) 25

Correct Answer: 16

Candidate Answer: 16

Question 65.

Options:

1) 0

2) -1

3) 1

4) ab

Correct Answer: -1
Candidate Answer: -1

Question 66.

यदि $2x - \frac{1}{2x} = 5$, $x \neq 0$ हो तो $x^2 + \frac{1}{16x^2} - 2$ का मान ज्ञात कीजिये ?

Options:

1)

$\frac{19}{4}$

2)

$\frac{23}{4}$

3)

$\frac{27}{4}$

4)

$\frac{31}{4}$

Correct Answer:

$\frac{19}{4}$

Candidate Answer:

$\frac{27}{4}$

Question 67.XYZ is a right angled triangle and ∠Y = 90°. If XY = 2.5 cm and YZ = 6 cm then the circumradius of ΔXYZ is

XYZ एक समकोण त्रिभुज है और∠Y = 90° है। यदि XY = 2.5 से.मी. और YZ = 6 से.मी. हो तो ΔXYZ की परित्रिज्या ज्ञात कीजिये ?

Options:

1) 6.5 cm

6.5 से.मी.

2) 3.25 cm

3.25 से.मी.

3) 3 cm

3 से.मी.

4) 2.5 cm

2.5 से.मी.

Correct Answer: 3.25 cm

3.25 से.मी.

Candidate Answer: [NOT ANSWERED]

Question 68.

ΔABC में ∠B = 5∠C और ∠A = 3∠C हो तो ∠C की माप ज्ञात कीजिये ?

Options:

1) 45°

2) 30°

3) 20°

4) 5°

Correct Answer: 20°

Candidate Answer: 20°

Question 69.The length of shadow of a tower is √3 times that of its length. The angle of elevation of the sun is

किसी मीनार की परछाई की लम्बाई मीनार की लम्बाई से √3 गुना है। सूर्य का उन्नयन कोण ज्ञात कीजिये ?

Options:
1) 45°

2) 30°

3) 60°

4) none

Correct Answer: 30°

Candidate Answer: 30°

Question 70.
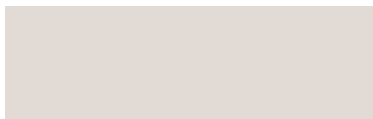
Options:

1) 4 : 1

2) 1 : 4

3) 1 : 2

4) 2 : 1

Correct Answer: 1 : 4

Candidate Answer: 1 : 4

Question 71.

Options:

1) 1

2) 3

3) 2

4) ½

Correct Answer: 2
Candidate Answer: 2

Question 72.Student strength of a college in Arts, Science and Commerce from 2004 - 2005 to 2007 - 2008 session are shown in the following bar graph. Study the graph and answer the questions that follow.

निम्नलिखित बार ग्राफ में वर्ष 2004-2005 से 2007-2008 के तक के सत्र में किसी कॉलेज में विद्यार्थियों की कला, विज्ञान और वाणिज्य विषयों में संख्या दर्शायी गयी है। ग्राफ का अध्ययन कीजिए और निम्नलिखित प्रश्नों के उत्तर दीजिये ?

The ratio of average number of students in Science to the average number of students in Commerce is

विज्ञान में विद्यार्थियों की औसत संख्या का वाणिज्य विषय में विद्यार्थियों की औसत संख्या से अनुपात ज्ञात कीजिये ?

Options:

1) 10 : 7

2) 7 : 4

3) 12:5

4) 48 : 35

Correct Answer: 7 : 4

Candidate Answer: 7 : 4

Question 73.Student strength of a college in Arts, Science and Commerce from 2004 - 2005 to 2007 - 2008 session are shown in the following bar graph. Study the graph and answer the questions that follow.

निम्नलिखित बार ग्राफ में वर्ष 2004-2005 से 2007-2008 के तक के सत्र में किसी कॉलेज में विद्यार्थियों की कला, विज्ञान और वाणिज्य विषयों में संख्या दर्शायी गयी है। ग्राफ का अध्ययन कीजिए और निम्नलिखित प्रश्नों के उत्तर दीजिये ?

The increase in the number of Arts students in 2007-2008 session over that in 2005-2006 session is

वर्ष 2005-2006 के सत्र की अपेक्षा वर्ष 2007-2008 के सत्र में कला के विद्यार्थियों की संख्या में कितने प्रतिशत की वृद्धि हुई ?

Options:
1) 25%
2) 21.42%
3) 27.27%
4) 37.5%
Correct Answer: 27.27%
Candidate Answer: 27.27%

Question 74.Student strength of a college in Arts, Science and Commerce from 2004 - 2005 to 2007 - 2008 session are shown in the following bar graph. Study the graph and answer the questions that follow.

निम्नलिखित बार ग्राफ में वर्ष 2004-2005 से 2007-2008 के तक के सत्र में किसी कॉलेज में विद्यार्थियों की कला, विज्ञान और वाणिज्य विषयों में

संख्या दर्शायी गयी है। ग्राफ का अध्ययन कीजिए और निम्नलिखित प्रश्नों के उत्तर दीजिये ?

Approximate percentage of students in Science stream during the session 2006-2007 is

वर्ष 2006-2007 के सत्र में विज्ञान विषय में विद्यार्थियों की संख्या का प्रतिशत ज्ञात कीजिये ?

Options:
1) 42.31%
2) 40.91%
3) 41.26%
4) 31.42%

Correct Answer: 42.31%
Candidate Answer: [NOT ANSWERED]

Question 75.Student strength of a college in Arts, Science and Commerce from 2004 - 2005 to 2007 - 2008 session are shown in the following bar graph. Study the graph and answer the questions that follow.

निम्नलिखित बार ग्राफ में वर्ष 2004-2005 से 2007-2008 के तक के सत्र में किसी कॉलेज में विद्यार्थियों की कला, विज्ञान और वाणिज्य विषयों में संख्या दर्शायी गयी है। ग्राफ का अध्ययन कीजिए और निम्नलिखित प्रश्नों के उत्तर दीजिये ?

Percentage increase in total number of students in 2007 - 2008 session over that in 2004 - 2005 session is approximately

वर्ष 2004-2005 के सत्र की अपेक्षा वर्ष 2007-2008 के सत्र में विद्यार्थियों की कुल संख्या में वृद्धि का प्रतिशत ज्ञात कीजिये ?

Options:

1) 29.71

2) 25.65

3) 10.56

4) 20.83

Correct Answer: 20.83
Candidate Answer: 20.83

Question 76.In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word and click the button corresponding to it.

INDOLENT

Options:
1) LAZY
2) EXPENSIVE
3) ACTIVE
4) HAPPY

Correct Answer: LAZY

Candidate Answer: [NOT ANSWERED]

Question 77.In the following question, out of the four alternatives, choose the word which is opposite in meaning to the given word and click the button corresponding to it.

INSOLENT

Options:
1) SCRUPULOUS
2) EMOLIENT
3) COURTEOUS
4) LAZY

Correct Answer: COURTEOUS
Candidate Answer: [NOT ANSWERED]

Question 78.Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word and click the button corresponding to it.
Options:
1) Beneficiary
2) Benificiary
3) Beneficeary
4) Benefeciary
Correct Answer: Beneficiary
Candidate Answer: Beneficiary

Question 79.In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

Had I been (A) / in my brother's position (B) / I would have refused the offer. (C) / No Error (D)
Options:
1) A
2) B
3) C
4) D
Correct Answer: D

Candidate Answer: D

Question 80.In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

His parents usually spent (A) / their summer in Ooty (B) / but this year they are spending it in Darjeeling. (C) / No Error (D)

Options:
1) A
2) B
3) C
4) D

Correct Answer: A

Candidate Answer: A

Question 81.In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

He lost heart (A) / because he could not cope up with (B) / the difficulties in life. (C) / No Error (D)

Options:

1) A
2) B
3) C
4) D
Correct Answer: B
Candidate Answer: [NOT ANSWERED]

Question 82.The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

Due to heavy rains, the match was called _____.
Options:
1) of
2) off
3) down
4) out

Correct Answer: off
Candidate Answer: off

Question 83.The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

The Management gave us permission to _____ with the new curriculum.

Options:

1) go fixed

2) go about

3) go ahead

4) go around

Correct Answer: go ahead

Candidate Answer: go ahead

Question 84.The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

Mount Everest has earned the _____ distinction of being the world's highest garbage dump.

Options:

1) marked

2) disgusting

3) dubious

4) dismal

Correct Answer: dubious

Candidate Answer: [NOT ANSWERED]

Question 85.In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which

best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

As daft as a brush

Options:

1) Extremely silly

2) Artistically inclined

3) Completely clean

4) Utterly selfish

Correct Answer: Extremely silly

Candidate Answer: [NOT ANSWERED]

Question 86.In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

In a nutshell

Options:

1) In translation

2) A decorative language

3) A well-packed parcel

4) Briefly and concisely

Correct Answer: Briefly and concisely

Candidate Answer: A well-packed parcel

Question 87.In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which given for the Idiom/Phrase. Choose the alternative which

best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

Strain every nerve
Options:
1) Try all tricks
2) Work very hard
3) Beg before others
4) Spend a large amount
Correct Answer: Work very hard
Candidate Answer: Work very hard

Question 88.Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

Proposition made as a basis for reasoning without the assumption of its truth

Options:
1) Hypertext
2) Hypocrisy
3) Hyperbole
4) Hypothesis
Correct Answer: Hypothesis
Candidate Answer: Hypothesis

Question 89.Out of the four alternatives, choose the one which can be substituted for the given words/sentences

and click the button corresponding to it.

Indifference to pleasure and pain
Options:
1) Perseverance
2) Tolerance
3) Stoicism
4) Radicalism
Correct Answer: Stoicism
Candidate Answer: Stoicism

Question 90.Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

No longer a child, but not yet an adult

Options:
1) Youngster
2) Adolescent
3) Juvenile
4) Yokel
Correct Answer: Adolescent
Candidate Answer: Juvenile

Question 91.A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In

case no improvement is needed, click the button corresponding to "No improvement".

I bought four <u>dozen of mangoes</u>.

Options:

1) dozens of mango

2) dozens of mangoes

3) dozen mangoes

4) No improvement

Correct Answer: dozen mangoes

Candidate Answer: [NOT ANSWERED]

Question 92.A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

I <u>have still to meet</u> a person who is perfectly satisfied with his job.

Options:

1) would meet

2) am yet to meet

3) might still meet

4) No improvement

Correct Answer: am yet to meet

Candidate Answer: am yet to meet

Question 93.A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

<u>Would you find</u> one absent, please don't forget to leave a message behind.
Options:
1) As you find
2) Should you find
3) Unless you find
4) No improvement
Correct Answer: Should you find

Candidate Answer: [NOT ANSWERED]

Question 94.A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

Kim is too impatient <u>with tolerating</u> any delay.
Options:
1) at tolerating
2) for tolerating

3) to tolerate

4) No improvement

Correct Answer: to tolerate

Candidate Answer: to tolerate

Question 95.A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

I purposely did that <u>with a view to offend her</u>.
Options:
1) with a view of offending her
2) with a view that I offend her
3) with a view to offending her
4) No improvement

Correct Answer: with a view to offending her
Candidate Answer: with a view of offending her

Question 96.*A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.*

The antigen-antibody immunological reaction is used to

be regarded as typical of immunological responses. Antibodies are proteins synthesized by specialized cells called plasma cells, which are formed by lymphocytes (cells from the lymph system) when an antigen, a substance foreign to an organism's body, comes in contact with lymphocytes. Two important manifestations of antigen-antibody immunity are lysis, the rapid physical rupture of antigenic cells and the liberation of their contents into the surrounding medium, and phagocytosis, a process in which antigenic particles are engulfed by and very often digested by macrophages and polymorphs. The process of lysis is executed by a complex and unstable blood constituent known as complement, which will not work unless it is activated by a specific antibody; the process of phagocytosis is greatly facilitated when the particles to be engulfed are coated by a specific antibody directed against them.

One of the two important manifestations of antigen-antibody immunity is lysis while the other is
Options:
1) lymphocytes
2) plasma
3) antigenic cells
4) phagocytosis
Correct Answer: phagocytosis
Candidate Answer: phagocytosis

Question 97.*A passage is given with 5 questions following*

it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

The antigen-antibody immunological reaction is used to be regarded as typical of immunological responses. Antibodies are proteins synthesized by specialized cells called plasma cells, which are formed by lymphocytes (cells from the lymph system) when an antigen, a substance foreign to an organism's body, comes in contact with lymphocytes. Two important manifestations of antigen-antibody immunity are lysis, the rapid physical rupture of antigenic cells and the liberation of their contents into the surrounding medium, and phagocytosis, a process in which antigenic particles are engulfed by and very often digested by macrophages and polymorphs. The process of lysis is executed by a complex and unstable blood constituent known as complement, which will not work unless it is activated by a specific antibody; the process of phagocytosis is greatly facilitated when the particles to be engulfed are coated by a specific antibody directed against them.

What are antibodies?

Options:
1) Minerals in the cells
2) Proteins
3) Synthesized proteins
4) Dead cells

Correct Answer: Synthesized proteins
Candidate Answer: Synthesized proteins

Question 98.*A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.*

The antigen-antibody immunological reaction is used to be regarded as typical of immunological responses. Antibodies are proteins synthesized by specialized cells called plasma cells, which are formed by lymphocytes (cells from the lymph system) when an antigen, a substance foreign to an organism's body, comes in contact with lymphocytes. Two important manifestations of antigen-antibody immunity are lysis, the rapid physical rupture of antigenic cells and the liberation of their contents into the surrounding medium, and phagocytosis, a process in which antigenic particles are engulfed by and very often digested by macrophages and polymorphs. The process of lysis is executed by a complex and unstable blood constituent known as complement, which will not work unless it is activated by a specific antibody; the process of phagocytosis is greatly facilitated when the particles to be engulfed are coated by a specific antibody directed against them.

What happens when an antigen comes in contact with lymphocytes?

Options:
1) Antibodies are destroyed
2) Plasma cells are formed
3) Proteins are synthesized
4) Old cells are restored
Correct Answer: Plasma cells are formed
Candidate Answer: Proteins are synthesized

Question 99.*A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.*

The antigen-antibody immunological reaction is used to be regarded as typical of immunological responses. Antibodies are proteins synthesized by specialized cells called plasma cells, which are formed by lymphocytes (cells from the lymph system) when an antigen, a substance foreign to an organism's body, comes in contact with lymphocytes. Two important manifestations of antigen-antibody immunity are lysis, the rapid physical rupture of antigenic cells and the liberation of their contents into the surrounding medium, and phagocytosis, a process in which antigenic particles are engulfed by and very often digested by macrophages and polymorphs. The process of lysis is executed by a complex and unstable blood constituent known as complement, which will not work unless it is activated by a specific antibody; the process of phagocytosis is greatly facilitated when the

particles to be engulfed are coated by a specific antibody directed against them.

Which of the following statement is true in the context of the essay?

Options:

1) Antigen-antibody is a psychological process

2) Lysis is a process of forming plasma cells

3) Complement is a blood constituent

4) Antigen is part of the organism's body

Correct Answer: Complement is a blood constituent

Candidate Answer: Complement is a blood constituent

Question 100.*A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.*

The antigen-antibody immunological reaction is used to be regarded as typical of immunological responses. Antibodies are proteins synthesized by specialized cells called plasma cells, which are formed by lymphocytes (cells from the lymph system) when an antigen, a substance foreign to an organism's body, comes in contact with lymphocytes. Two important manifestations of antigen-antibody immunity are lysis, the rapid physical rupture of antigenic cells and the liberation of their contents into the surrounding medium, and phagocytosis, a process in which antigenic particles are engulfed by and

very often digested by macrophages and polymorphs. The process of lysis is executed by a complex and unstable blood constituent known as complement, which will not work unless it is activated by a specific antibody; the process of phagocytosis is greatly facilitated when the particles to be engulfed are coated by a specific antibody directed against them.

Phagocytosis is a process in which antigenic particles are _____ by and very often digested by macrophages and polymorphs.

Options:
1) attacked
2) attracted
3) enveloped
4) engulfed

Correct Answer: engulfed
Candidate Answer: engulfed