Staff Selection Commission
(Government Of India)

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

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

BIRD : AEROPLANE :: FISH : **?**

पक्षी : हवाईजहाज :: मछली : **?**

Options:
1) FISHERMAN
मछुआरा
2) SOFA
सोफा
3) BOAT
नाव
4) GLASSES
चश्मा

Correct Answer: BOAT
नाव
Candidate Answer: BOAT
नाव

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

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

DCBA : WXYS :: IJKL : ?
Options:
1) SRQP

2) QPON

3) RQPO

4) PONM

Correct Answer: RQPO
Candidate Answer: RQPO

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

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

381 : 160 : :478 : ?
Options:
1) 347

2) 357

3) 247

4) 257

Correct Answer: 257
Candidate Answer: 257

Question 4.

For the following questions

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

दिये गये विकल्पों में से विषम शब्द/ अक्षर/संख्या चुनिए।

Options:
1) Affluent
समृद्ध
2) Rich
धनवान
3) Prestigious
प्रतिष्ठित
4) Well-to-do
खुशहाल

Correct Answer: Prestigious
प्रतिष्ठित
Candidate Answer: Well-to-do
खुशहाल

Question 5.

For the following questions

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

दिये गये विकल्पों में से विषम शब्द/ अक्षर/संख्या चुनिए।

Options:
1) OMQ

2) TPR

3) TRV

4) VTX

Correct Answer: TPR
Candidate Answer: TPR

Question 6.

For the following questions

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

दिये गये विकल्पों में से विषम शब्द/ अक्षर/संख्या युग्म चुनिए।

Options:
1) 8-11

2) 1-4

3) 7-10

4) 3-5

Correct Answer: 3-5
Candidate Answer: 3-5

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

निम्नलिखित शब्दों को शब्दकोश में दिए गए क्रम के अनुसार लिखिए ।

1.Launch 2. Laugh 3. Lattice 4. Latent 5. Latitude
Options:
1) 4,5,3,2,1

2) 4,3,5,1,2

3) 4,5,1,2,3

4) 4,5,1,3,2

Correct Answer: 4,5,3,2,1
Candidate Answer: 4,5,3,2,1

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

निम्नलिखित प्रश्न में एक अनुक्रम दिया गया है, जिसमें एक पद लुप्त है। दिए गए विकल्पों में सही विकल्प चुनिए जो अनुक्रम को पूरा करे।

XFB,UGD ,RIG ,OLK, ?
Options:
1) OLJ

2) LNK

3) LPP

4) OLM

Correct Answer: LPP
Candidate Answer: LPP

Question 9.A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

दिए गए विकल्पों में से सही उत्तर चुनकर प्रश्न वाचक चिन्ह के स्थान पर लिखिए।

1,2,4,7,?,16
Options:
1) 14

2) 8

3) 11

4) 15

Correct Answer: 11
Candidate Answer: 11

Question 10.A & B are married couple. X and Y are brothers. X is the brother of A. How is Y related to B ?

A और B दम्पत्ति है। X और Y भाई-भाई है। X, A का भाई है। बताइए Y का B से क्या सम्बन्ध है ?

Options:
1) Brother-in-law
साला/ देवर/बहनोई/ जीजा
2) Brother
भाई
3) Son-in-law
दामाद
4) Cousin
कजिन

Correct Answer: Brother-in-law
साला/ देवर/बहनोई/ जीजा

Candidate Answer: Brother-in-law
साला/ देवर/बहनोई/ जीजा

Question 11.A is shorter than B but taller than C. D is shorter than A but taller than C and E is shorter than B but taller than A. The shortest person is ?

A, B से छोटा है लेकिन C से लंबा है। D , A से छोटा है लेकिन C से लंबा है ओर E, B से छोटा है, लेकिन A से लंबा है। सबसे छोटा व्यक्ति कौन है ?

Options:
1) B

2) C

3) A

4) D

Correct Answer: C

Candidate Answer: D

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

निम्नलिखित विकल्पों में से वह शब्द चुनिए जो दिए गए शब्द के अक्षरों का प्रयोग करके नहीं बनाया जा सकता।

DISSERTATION
Options:
1) SISTER

2) STATION

3) DIRECTION

4) RATION
Correct Answer: DIRECTION
Candidate Answer: DIRECTION

Question 13.If A = 1,
E = 5,
then HEAR = ?

यदि A = 1,
E = 5 हो,
तो HEAR = ?
Options:
1) 38

2) 32

3) 31

4) 30
Correct Answer: 32
Candidate Answer: 32

Question 14.If P denotes +, Q denotes -, R denotes '÷', and S denotes X, then: 18S36R12Q6P7 = ?

यदि 'P' '+' को दर्शाता है, 'Q' '-' को, 'R' '÷' को और 'S' 'X' को, तो
18S36R12Q6P7=?
Options:
1) 115

2) 65

3) 55

4) 25
Correct Answer: 55
Candidate Answer: 55

Question 15.Some equations have been solved on the basis of certain system. Find the correct answer for the unsolved equation on that basis. If 98-39-27=31, 87-38-34=20, then 79-25-12 = ?

कुछ समीकरण एक कोड के आधार पर हल किये गए हैं। उसी आधार पर जो समीकरण हल नही की गई है उसका सही उत्तर ज्ञात कीजिए ? यदि 98-39-27=31, 87-38-34=20 तो 79-25-12 = ?
Options:
1) 51

2) 22

3) 42

4) 15
Correct Answer: 51
Candidate Answer: [NOT ANSWERED]

Question 16.Select the missing number from the given responses:

दिए गए विकल्पों में से लुप्त संख्या ज्ञात कीजिए ?

7	14	4
4	12	9
6	24	?

Options:
1) 14

2) 16

3) 21

4) 22

Correct Answer: 16
Candidate Answer: 16

Question 17.Rahul walks 30 metres towards south. Then turns to his right and starts walking straight till he completes another 30 metres. Then again turning to his left he walks for 20 metres. He then turns to his left and walks for 30 metres. How far is he from his initial position?

राहुल दक्षिण दिशा की ओर 30 मीटर चलता है, और फिर दायें मुड़कर सीधे 30 मीटर और चलता है। फिर वह बायें मुड़कर 20 मीटर चलता है। और फिर दुबारा से बायें मुड़कर 30 मीटर चलता है। वह शुरुआती बिन्दु से कितनी दूरी पर है ?

Options:
1) 50 metres
50 मीटर
2) 30 metres
30 मीटर
3) 10 metres
10 मीटर
4) 60 metres
60 मीटर

Correct Answer: 50 metres
50 मीटर

Candidate Answer: 50 metres
50 मीटर

Question 18.I, II, III & IV. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.
Statements:
1. All teachers are actors.
2. Some actors are women.
Conclusion:
I. All teachers are women.
II. Some women are teachers.
III. Some women are actors.
IV. All actors are teachers.

निम्नलिखित प्रश्न में एक या दो वक्तव्य दिये गये है, जिसके आगे 4 निष्कर्ष/मान्यताएं, I, II, III और IV 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 कोन-सा निश्चित रूप से सही निष्कर्ष/मान्यता निकाला जा सकता है ?
कथन:
1. सभी शिक्षक कलाकार हैं।
2. कुछ कलाकार महिलाएं हैं।
निर्णय :
I सभी शिक्षक महिलाएं हैं ।
II कुछ महिलाएं शिक्षक हैं।
III कुछ महिलाएं कलाकार हैं।
IV सभी कलाकार शिक्षक हैं।

Options:
1) Only Conclusion I follows
केवल निष्कर्ष I सही है।
2) Only Conclusion II & IV follows
केवल निष्कर्ष II & IV सही है।
3) Only Conclusion III follows
केवल निष्कर्ष III सही है।
4) None of the conclusions follows.
इनमें से कोई निष्कर्ष सही नहीं है।
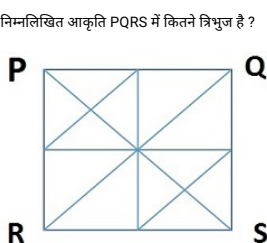
Correct Answer: Only Conclusion III follows
केवल निष्कर्ष III सही है।

Candidate Answer: Only Conclusion III follows
केवल निष्कर्ष III सही है।

Question 19.How many triangles are there in the following figure PQRS?

निम्नलिखित आकृति PQRS में कितने त्रिभुज है ?

Options:

1) 12

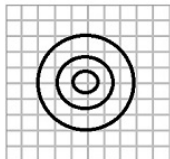**2**) 20

3) 24

4) 28

Correct Answer: 28

Candidate Answer: 24

Question 20.Identify the diagram that best represents the relationship among classes given below: **Stationery items, Pencils, Potatoes**
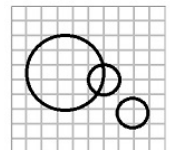
वह आरेख चुनिये जो नीचे दिये गये वर्गों के बीच सही सम्बन्ध को दर्शाता है । **लेखन सामग्री, पेन्सिल, आलू**
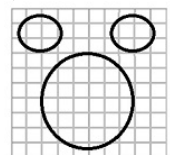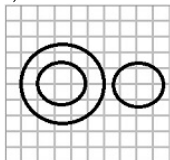
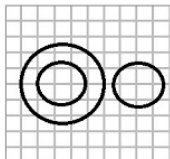**Options:**

1)

2)
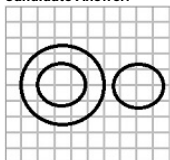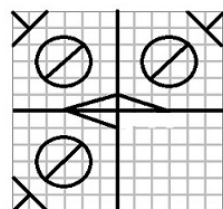

3)

4)

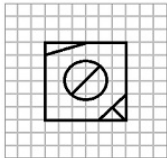**Correct Answer:**

Candidate Answer:

Question 21.Which answer figure will complete the pattern in the question figure?

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

Options:

1)

2)

3)
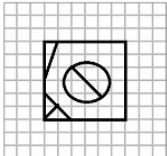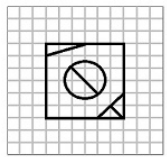

4)
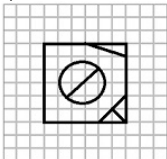
Correct Answer:
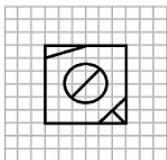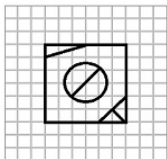
Candidate Answer:

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

दिए गए विकल्पों में से उस उत्तर आकृति को चुनिए जिसमें प्रश्न आकृति निहित है।

Options:

1)

2)

3)

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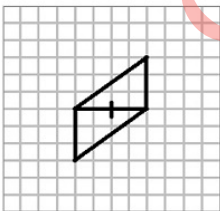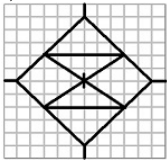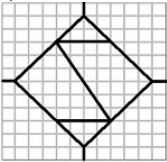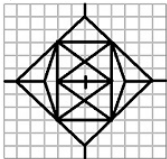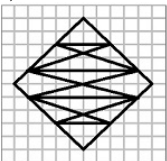
Correct Answer:
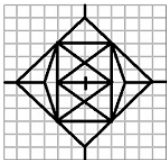
Candidate Answer:
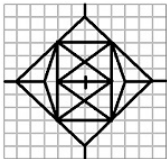
Question 23.A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

यदि किसी कागज को नीचे लिखे प्रश्न आकृति के अनुसार मोड़कर काटा जाए तो खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा ?

Options:

1)

2)

3)

4)
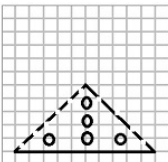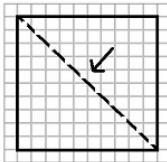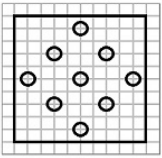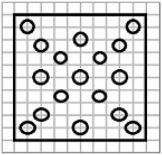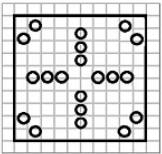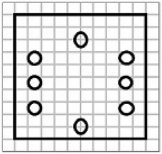
Correct Answer:
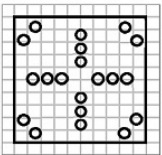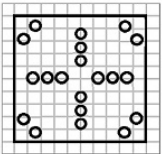
Candidate Answer:

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 जाए तो दी गई उत्तर आकृतियों में से कौन-सी आकृति प्रश्न आकृति का सही प्रतिबिम्ब होगी ?

Options:

1)

2)

3)

4)
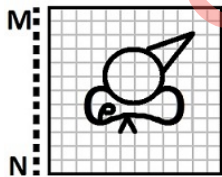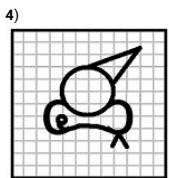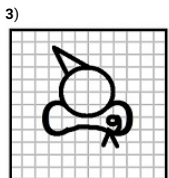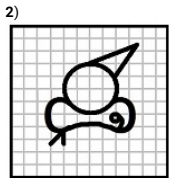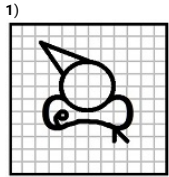
Correct Answer:
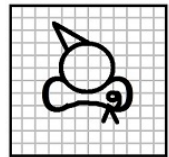
Candidate Answer:
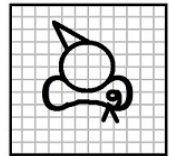
Question 25.In this question, the sets of numbers given in the alternatives are represented. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g.,A can be represented by 02, 14, etc., and 'O' can be represent by 55, 67, etc. Similarly you have to identify the set for the word 'LEND'

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 02, 14 आदि द्वारा दर्शाया जा सकता है तथा 'K ' को 55, 67 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको दिए हुए शब्द 'LEND' के लिए समूह को पहचानना है।

	MATRIX I						MATRIX II				
	0	1	2	3	4		5	6	7	8	9
0	E	S	A	L	M	5	O	D	U	N	F
1	L	M	E	S	A	6	N	F	O	D	U
2	S	A	L	M	E	7	D	U	N	F	O
3	M	E	S	A	L	8	F	O	D	U	N
4	A	L	M	E	S	9	U	N	F	O	D

Options:

1) 34, 43, 40, 56

2) 10, 31, 77, 99

3) 41, 12, 41, 59

4) 22, 14, 65, 75

Correct Answer: 10, 31, 77, 99

Candidate Answer: 10, 31, 77, 99

Question 26.Intensive cultivation refers to

सघन खेती का सम्बन्ध किससे है ?

Options:
1) production with intensive use of labour
श्रम के सघन उपयोग से उपज
2) production with intensive use of fertilizer
उर्वरक के सघन उपयोग से उपज
3) raising production by intensive use of existing land
मौजूदा भूमि के सघन उपयोग से उपज बढ़ाना
4) raising production by large scale use of imported inputs
आयातित निवेशों के बड़े पैमाने पर उपयोग द्वारा उपज बढ़ाना

Correct Answer: raising production by intensive use of existing land
मौजूदा भूमि के सघन उपयोग से उपज बढ़ाना

Candidate Answer: raising production by intensive use of existing land
मौजूदा भूमि के सघन उपयोग से उपज बढ़ाना

Question 27.Upon winning Wimbledon Women's Tennis Tournament 2016, Serena Williams equalled record 22 Grand Slam wins of

विम्बलडन महिला टेनिस टूर्नामेन्ट 2016 जीतने के बाद सेरेना विलियम्स का 22 ग्रैण्ड स्लैम जीतने का रिकॉर्ड किसके बराबर हो गया ?

Options:
1) Martina Navratilova
मार्टिना नवरातिलोवा
2) Steffi Graf
स्टैफी ग्राफ
3) Martina Hingis
मार्टिना हिंगिस
4) Maria Sharapova
मारिया शारापोवा

Correct Answer: Steffi Graf
स्टैफी ग्राफ

Candidate Answer: [NOT ANSWERED]

Question 28.A universal donor has the blood group

एक सर्वदाता का ब्लड ग्रुप क्या होता है

Options:
1) B

2) AB

3) A

4) O

Correct Answer: O

Candidate Answer: O

Question 29.Amir Khusro was a

अमीर खुसरो कौन थे ?

Options:
1) poet
कवि
2) play writer
नाटक के लेखक
3) painter
चित्रकार
4) architect
वास्तुकार

Correct Answer: poet
कवि

Candidate Answer: poet
कवि

Question 30.The members of the All India Services serve the

अखिल भारतीय सेवा के सदस्य किसकी सेवा करते है ?

Options:
1) Central Government only
केवल केन्द्र सरकार
2) State Government only
केवल राज्य सरकार
3) Union Territories only
केवल संघ राज्य क्षेत्र
4) both the Union and State Governments
संघ और राज्य सरकार दोनों

Correct Answer: both the Union and State Governments
संघ और राज्य सरकार दोनों

Candidate Answer: both the Union and State Governments
संघ और राज्य सरकार दोनों

Question 31.The term of office of the Vice-President of India is

भारत के उप-राष्ट्रपति का कार्यकाल कितना होता है ?

Options:
1) 4 years
4 वर्ष
2) 5 years
5 वर्ष
3) 2 years
2 वर्ष
4) 6 years
6 वर्ष

Correct Answer: 5 years
5 वर्ष

Candidate Answer: 5 years
5 वर्ष

Question 32.Who was responsible for the integration of princely states into the Indian Union after Independence

स्वतन्त्रता के बाद रियासतों का भारत संघ में एकीकरण करने के लिए कौन जिम्मेदार थे ?

Options:
1) Sri Rajagopalachari
श्री राजगोपालाचारी
2) Pt. Jawaharlal Nehru
पं. जवाहर लाल नेहरू
3) Sardar Vallabh Bhai Patel
सरदार वल्लभ भाई पटेल
4) Maulana Abul Kalam Azad
मौलाना अबुल कलाम आजाद

Correct Answer: Sardar Vallabh Bhai Patel
सरदार वल्लभ भाई पटेल

Candidate Answer: Sardar Vallabh Bhai Patel
सरदार वल्लभ भाई पटेल

Question 33.Why does the west coast of India receive more rainfall from southwest monsoon than the east coast?

दक्षिण-पश्चिम मानसून से भारत के पूर्वी-तट की अपेक्षा पश्चिमी तट पर ज्यादा वर्षा क्यों होती है ?

Options:
1) Unlike the east coast this coast is straight
पूर्वी-तट की अपेक्षा यह तट सीधा है
2) The Western Ghats obstruct the winds causing rainfall
पश्चिमी घाट हवा को रोकती है जिससे बारिश होती है
3) The east coast is broader than the west coast
पूर्वी तट, पश्चिमी तट से चौड़ा है
4) The Eastern Ghats extend parallel to wind direction
पूर्वी घाट हवा की दिशा के समान्तर है

Correct Answer: The Western Ghats obstruct the winds causing rainfall
पश्चिमी घाट हवा को रोकती है जिससे बारिश होती है

Candidate Answer: The Western Ghats obstruct the winds causing rainfall
पश्चिमी घाट हवा को रोकती है जिससे बारिश होती है

Question 34.The plateau that has both West and East flowing drainage system is

वह पठार कौन-सा है जिसमें पश्चिम और पूर्व दोनों ओर बहने वाली जल निकास प्रणाली है ?

Options:
1) Malwa
मालवा
2) Chota Nagpur
छोटा नागपुर
3) Ranchi
रांची
4) Hazaribagh
हजारीबाग

Correct Answer: Malwa
मालवा

Candidate Answer: Malwa
मालवा

Question 35.Symbiotic Bacteria responsible for the fixation of atmospheric nitrogen are present in

सिम्बिओटिक किटाणु जो कि वातावरणीय नाइट्रोजन के स्थिरिकरण के लिए उत्तरदायी है, किसमें पाया जाता है।

Options:
1) peas
मटर में
2) wheat
गेंहू में
3) corn
मक्का में
4) oats
जई में

Correct Answer: peas
मटर में

Candidate Answer: peas
मटर में

Question 36.Children especially in western countries who receive very little sunshine suffer from

मुख्यत: पश्चिमी देशों में जो बच्चे सूर्य की धूप कम प्राप्त कर पाते है, वे किससे ग्रसित होते है ?

Options:
1) rickets
रिकेट्स से
2) dermatitis
एलर्जी से
3) scurvy
स्कर्वी से
4) kwashiorkor
क्वाशियोर्कर से

Correct Answer: rickets
रिकेट्स से

Candidate Answer: kwashiorkor
क्वाशियोर्कर से

Question 37.In water treatment plant, use of chloramines ensures _____

जल उपचार संयंत्र में क्लोरामाइन के प्रयोग से क्या सुनिश्चित किया जाता है ?

Options:
1) taste and odour control
स्वाद और गंध नियंत्रण को
2) weed control in reservoirs
रिजर्वियर में खरपतवार नियंत्रण को
3) disinfection
विसंक्रमण को
4) removal of permanent hardness
स्थायी कठोरता दूर करना

Correct Answer: disinfection
विसंक्रमण को

Candidate Answer: disinfection
विसंक्रमण को

Question 38.Super cooling stands for cooling of a liquid :

सुपर कूलिंग का अभिप्राय तरल के किस बिंदु पर शीतलता से है ?

Options:
1) at freezing point
हिमांक पर
2) below freezing point
हिमांक से नीचे
3) at melting point
गलनांक पर
4) above melting point
गलनांक से ऊपर

Correct Answer: below freezing point
हिमांक से नीचे

Candidate Answer: below freezing point
हिमांक से नीचे

Question 39.Alcohol is more volatile than water because _____ is lower than water

एल्कोहल पानी से अधिक वाष्पशील होता है क्योंकि _____ पानी से कम होता है।

Options:
1) its boiling point
उसका क्वथनांक
2) its density
उसका घनत्व
3) its viscosity
उसकी श्यानता
4) its surface tension
उसका प्रष्ट तनाव

Correct Answer: its boiling point
उसका क्वथनांक

Candidate Answer: its boiling point
उसका क्वथनांक

Question 40.Which of the following is used to protect objects in computer system, in the absence of more complete protection schemes?

कम्प्यूटर सिस्टम में, अधिक पूर्ण स्कीमों के अभाव में मदों को संरक्षित करने के लिए निम्नलिखित में से किसका प्रयोग किया जाता है ?

Options:
1) digital certificate
डिजिटल सर्टिफिकेट
2) digital signature
डिजिटल सिग्नेचर
3) passwords
पासवर्ड
4) tokens
टोकन

Correct Answer: passwords
पासवर्ड

Candidate Answer: [NOT ANSWERED]

Question 41.Which one is not included in Non-Banking Financial Institutions (NBFIs)?

Non-Banking Financial Institutions (NBFIs) में कौन सम्मिलित नहीं है ?

Options:
1) EXIM

2) SIDBI

3) NABARD

4) BOI
Correct Answer: BOI
Candidate Answer: NABARD

Question 42.Which method will be employed to test the hardness of water?

पानी की कठोरता की जांच करने के लिए किस विधि का प्रयोग किया जाता है ?

Options:
1) Boiling
क्वथन
2) Distillation
आसवन
3) Formation of lather with soap
साबुन से झाग बनाना
4) None of these
इनमें से कोई नहीं

Correct Answer: Formation of lather with soap
साबुन से झाग बनाना

Candidate Answer: Formation of lather with soap
साबुन से झाग बनाना

Question 43.Who is the first Indian Gold Medal Winner in individual category in Olympic games?

ओलंपिक खेलों में एकल वर्ग में स्वर्ण पदक जीतने वाले पहले भारतीय कौन हैं?

Options:
1) Abhinav Bindra
अभिनव बिंद्रा
2) Sushil Kumar
सुशील कुमार
3) R.V.S.Rathore
आर. वी. एस. राठौर
4) Leander Paes
लिएंडर पेस

Correct Answer: Leander Paes
लिएंडर पेस

Candidate Answer: Abhinav Bindra
अभिनव बिंद्रा

Question 44.Which is the warmest layer of the atmosphere?

वातावरण की सबसे गर्म परत कौन-सी है ?

Options:
1) Thermosphere
थर्मोस्फीयर
2) Troposphere
ट्रोपोस्फीयर
3) Stratosphere
स्ट्रेटोस्फीयर
4) Mesosphere
मेसोस्फीयर

Correct Answer: Thermosphere
थर्मोस्फीयर

Candidate Answer: Thermosphere
थर्मोस्फीयर

Question 45.A universal donor has the blood group

एक सर्वदाता का ब्लड ग्रुप क्या होता है

Options:
1) B

2) AB

3) A

4) O

Correct Answer: O

Candidate Answer: O

Question 46.The Siachin Glacier's melting waters are the main source of which of the following rivers :

सियाचिन ग्लेशियर के पिघलने से बना पानी किस नदी का मुख्य स्रोत है ?

Options:
1) Bias
ब्यास
2) Sutlej
सुतलज
3) Shylok
साइलोक
4) Nubra
नूबरा

Correct Answer: Nubra
नूबरा

Candidate Answer: [NOT ANSWERED]

Question 47.Thomas Cup is associated with which of the following sports?

थॉमस कप किस खेल से सम्बन्धित है ?

Options:
1) Cricket
क्रिकेट
2) Football
फुटबॉल
3) Basketball
बास्केटबॉल
4) Badminton
बैडमिन्टन

Correct Answer: Badminton
बैडमिन्टन

Candidate Answer: Badminton
बैडमिन्टन

Question 48.The famous work 'Anandmath' was written by

प्रसिद्ध कृति 'आनन्द मठ' के रचयिता कौन है ?

Options:
1) Sri Aurobindo
श्री अरबिंदो
2) Sri Bankim Chandra Chatterjee
श्री बंकिम चन्द्र चटर्जी
3) Sri Rabindra Nath Tagore
श्री रबिन्द्र नाथ टैगोर
4) Sri Aarti Chaudhary
श्री आरती चौधरी

Correct Answer: Sri Bankim Chandra Chatterjee
श्री बंकिम चन्द्र चटर्जी

Candidate Answer: Sri Bankim Chandra Chatterjee
श्री बंकिम चन्द्र चटर्जी

Question 49.Who introduced the term 'Hindu rate of growth' ?

'Hindu rate of growth' शब्द किसने प्रस्तावित किया ?

Options:
1) Amartya Sen
अमर्त्य सेन
2) Raj Krishna
राज कृष्णा
3) V. K. R. V. Rao
वी.के.आर.वी राव
4) Kaushik Basu
कौशिक बासु

Correct Answer: Raj Krishna
राज कृष्णा

Candidate Answer: Amartya Sen
अमर्त्य सेन

Question 50.The BRICS New Development Bank (NDB) has been set up for

BRICS ने New Development Bank (NDB) किस लिए गठित किया है ?

Options:
1) Funding infrastructure projects in emerging economics for sustainable development
उभरती हुई अर्थव्यवस्थाओं में स्थिर विकास के लिए आधार संरचना निधीयन
2) Funding non-infrastructure projects in emerging economics for sustainable development
उभरती हुई अर्थव्यवस्थाओं में स्थिर विकास के लिए अनाधार संरचना निधीयन
3) Funding infrastructural projects in developed countries
विकसित देशों में आधार संरचना निधीयन
4) Funding infrastructural projects in BRICS countries only
केवल BRICS देशों में आधार संरचना निधीयन कार्यक्रम

Correct Answer: Funding infrastructure projects in emerging economics for sustainable development
उभरती हुई अर्थव्यवस्थाओं में स्थिर विकास के लिए आधार संरचना निधीयन

Candidate Answer: Funding infrastructural projects in BRICS countries only
केवल BRICS देशों में आधार संरचना निधीयन कार्यक्रम

Question 51.A can do a piece of work in 9 days while B can do it in 12 days. A and B together can do the work in

A किसी काम को 9 दिन में पूरा कर सकता है। जबकि B उसे 12 दिन में कर सकता है। A और B मिलकर उसे कितने दिन में पूरा कर सकेंगे ?

Options:
1)
$5\frac{1}{7}$
days

$5\frac{1}{7}$
दिन
2)
$5\frac{2}{7}$
days

$5\frac{2}{7}$
दिन
3)
$6\frac{1}{7}$
days

$6\frac{1}{7}$
दिन
4)
$6\frac{2}{7}$
days

$6\frac{2}{7}$
दिन

Correct Answer:

$5\frac{1}{7}$ days

$5\frac{1}{7}$ दिन

Candidate Answer:

$5\frac{1}{7}$ days

$5\frac{1}{7}$ दिन

Question 52.A retailer gets a discount of 40% on the printed price of an article. The retailer sells it at the printed price. His gain percent is

एक फुटकर विक्रेता किसी वस्तु के अंकित मूल्य पर 40% की छूट प्राप्त करता है। यदि फुटकर विक्रेता उसे अंकित मूल्य पर बेचता है तो उसे कितने प्रतिशत लाभ होगा ?

Options:
1) 40

2) 55

3)
$66\frac{2}{3}$

4) 75

Correct Answer:
$66\frac{2}{3}$

Candidate Answer:
$66\frac{2}{3}$

Question 53.A mixture contains spirit and water in the ratio of 3 : 2. If it contains 3 litres more spirit than water, the quantity of spirit in the mixture is

एक मिश्रण में स्पिरिट और पानी 3 : 2 के अनुपात में है। यदि इसमें पानी की तुलना में 3 लीटर अधिक स्पिरिट हो, तो मिश्रण में स्पिरिट की मात्रा कितनी है ?

Options:
1) 12 litres
12 लीटर
2) 10 litres
10 लीटर
3) 9 litres
9 लीटर
4) 8 litres
8 लीटर

Correct Answer: 9 litres
9 लीटर

Candidate Answer: 9 litres
9 लीटर

Question 54.If the cost price of 25 pens is equal to the selling price of 20 pens, then the profit percent is

यदि 25 पेनों का लागत मूल्य 20 पेनों के बिक्री मूल्य के बराबर हो, तो कितने प्रतिशत लाभ होगा ?

Options:
1) 20%

2) 25%

3) 15%

4) 5%

Correct Answer: 25%

Candidate Answer: 25%

Question 55.A number is decreased by 10% and the resulting number is again decreased by 20%. What is the final percentage of decrease?

एक संख्या को 10% कम किया जाता है और परिणामी संख्या को फिर 20% कम किया जाता है, तो अंत में कमी का प्रतिशत क्या होगा ?

Options:
1) 25%

2) 26%

3) 27%

4) 28%

Correct Answer: 28%

Candidate Answer: 28%

Question 56.The distance between two places A and B is 60 km. Two cars start at the same time from A and B, travelling at a speed of 35km/h and 25km/h, respectively. If the cars run in the same direction, then they will meet after (in hours)

दो स्थानों A और B के बीच की दूरी 60 कि.मी. है। दो कारें एक ही समय में A और B से चलना शुरु करती है और क्रमशः 35 कि.मी. प्रतिघंटा और 25 कि.मी. प्रतिघंटा की गति से चलती हैं। यदि दोनों कारें एक ही दिशा में चलती हैं तो वे कितने समय (घंटे) बाद मिलेंगी ?

Options:

1) 6.5

2) 6.2

3) 6

4) 6.52

Correct Answer: 6

Candidate Answer: 6

Question 57.The sum of money that will yield ₹60 as simple interest at 6% per annum in 5 years is

वह राशि क्या होगी जिस पर 5 वर्षों में 6% प्रति वर्ष के दर पर रु. 60 साधारण ब्याज मिलेगा ?

Options:

1) 200

2) 225

3) 175

4) 300

Correct Answer: 200

Candidate Answer: 200

Question 58.If x , y, and z are real numbers such that $(x - 3)^2 + (y - 4)^2 + (z - 5)^2 = 0$ then (x+y+z) is equal to

यदि x, y और z ऐसी वास्तविक संख्याएँ हैं कि $(x - 3)^2 + (y - 4)^2 + (z - 5)^2 = 0$ है, तो (x+y+z) किसके बराबर होगा ?

Options:

1) -12

2) 0

3) 8

4) 12

Correct Answer: 12

Candidate Answer: 12

Question 59.

If $2x + \dfrac{1}{3x} = 5$, the value of $\dfrac{5x}{6x^2 + 20x + 1}$ is

यदि $2x + \dfrac{1}{3x} = 5$ हो, तो $\dfrac{5x}{6x^2 + 20x + 1}$ का मान क्या होगा ?

Options:

1) 1/4

2) 1/6

3) 1/5

4) 1/7

Correct Answer: 1/7

Candidate Answer: 1/7

Question 60.The orthocentre of a triangle is the point where

एक त्रिभुज का लंब केन्द्र कौन-सा बिन्दु होता है ?

Options:

1) the medians meet
जहां मीडियन मिलते हैं

2) the altitudes meet
जहां उन्नतांश मिलते हैं

3) the right bisectors of the sides of
जहां त्रिभुज की भुजाओं के लंब द्विभाजक मिलते हैं।

4) the bisectors of the angles
जहां त्रिभुज के कोणों के द्विभाजक मिलते हैं।

Correct Answer: the altitudes meet
जहां उन्नतांश मिलते हैं

Candidate Answer: the altitudes meet
जहां उन्नतांश मिलते हैं

Question 61.ABCD is a cyclic trapezium in which AD || BC. If ∠ABC = 70°, then ∠BCD is

ABCD एक चक्रीय समलंब है जिसमें AD || BC है। यदि कोण ∠ABC = 70° हो तो ∠BCD का मान क्या होगा ?

Options:

1) 110°

2) 80°

3) 70°

4) 90°

Correct Answer: 70°

Candidate Answer: 110°

Question 62. If cos 27˚ = x, the value of tan 63˚ is

यदि cos 27˚ = x हो, तो tan 63˚ का मान क्या होगा ?

Options:

1)
$$\frac{x}{\sqrt{1-x^2}}$$

2)
$$\frac{x}{\sqrt{1+x^2}}$$

3)
$$\frac{\sqrt{1-x^2}}{x}$$

4)
$$\frac{\sqrt{1+x^2}}{x}$$

Correct Answer:
$$\frac{x}{\sqrt{1-x^2}}$$

Candidate Answer:
$$\frac{x}{\sqrt{1-x^2}}$$

Question 63. The sum of 10 terms of the arithmetic series is 390. If the third term of the series is 19. Find the first term

अंकगणितीय श्रृंखला की 10 संख्याओं का योग 390 है श्रृंखला तीसरी संख्या 19 है। पहली संख्या ज्ञात कीजिए ?

Options:
1) 3

2) 5

3) 7

4) 8

Correct Answer: 3

Candidate Answer: 3

Question 64. The average of marks obtained by 100 candidates in a certain examination is 30. If the average marks of passed candidates is 35 and that of the failed candidates is 10, what is the number of candidates who passed the examination?

किसी परीक्षा में 100 उम्मीदवारों द्वारा प्राप्तांकों का औसत 30 है। यदि उत्तीर्ण उम्मीदवारों के अंकों का औसत 35 है और अनुत्तीर्ण उम्मीदवारों का औसत 10 है, तो परीक्षा में उत्तीर्ण उम्मीदवारों की संख्या कितनी है ?

Options:
1) 60

2) 70

3) 80

4) 90

Correct Answer: 80

Candidate Answer: 80

Question 65. If a + b = 10 and ab = 21, then the value of $(a - b)^2$ is

यदि a + b = 10 और ab = 21 हो, तब $(a - b)^2$ का मान ज्ञात करें ?

Options:
1) 15

2) 16

3) 17

4) 18

Correct Answer: 16

Candidate Answer: 16

Question 66. If (x - 4) $(x^2 + 4x + 16)$ = x^3 - P, then P is equal to

यदि (x - 4) $(x^2 + 4x + 16)$ = x^3 - P हो, तब P किसके बराबर है ?

Options:
1) 27

2) 8

3) 64

4) 0

Correct Answer: 64

Candidate Answer: 64

Question 67. G is the centroid of ΔABC. If AG = BC, then measure of ∠BGC is

G, त्रिभुज ABC का केन्द्रक है, यदि AG = BC , तो ∠BGC का माप क्या है ?

Options:
1) 45°

2) 60°

3) 90°

4) 120°
Correct Answer: 90°
Candidate Answer: 90°

Question 68.In a circle, a chord, 5√2 cm long, makes a right angle at the centre. Then the length of the radius of the circle will be

एक वृत्त में 5√2 से.मी. लम्बी जीवा केन्द्र में समकोण बनाती हो, तो वृत्त की त्रिज्या की लम्बाई कितनी होगी ?
Options:
1) 2.5 cm
2.5 से.मी.
2) 5 cm
5 से.मी.
3) 7.5 cm
7.5 से.मी.
4) 10 cm
10 से.मी.
Correct Answer: 5 cm
5 से.मी.
Candidate Answer: 5 cm
5 से.मी.

Question 69.If $\cos^2 x + \cos^4 x = 1$, then $\tan^2 x + \tan^4 x =$

यदि $\cos^2 x + \cos^4 x = 1$ हो, तो $\tan^2 x + \tan^4 x$ का मान क्या होगा ?
Options:
1) 0

2) 1

3) $2\tan^2 x$

4) $2\tan^4 x$
Correct Answer: 1
Candidate Answer: 1

Question 70.The angle of elevation of an aeroplane from a point on the ground is 45°. After flying for 15 seconds, the elevation changes to 30°. If the aeroplane is flying at a height of 2500 metres, then the speed of the aeroplane in km/hr. is

जमीन पर किसी बिंदु से एक विमान का उन्नतांश 45° है। 15 सेकंड उड़ने के बाद उन्नतांश घटकर 30° हो जाता है। यदि विमान 2500 मीटर की ऊंचाई पर उड़ रहा है,तो विमान की गति कितने कि.मी./घंटा है ?
Options:
1) 600

2) 600 (√3 + 1)

3) 600 √3

4) 600 (√3 - 1)
Correct Answer: 600 (√3 - 1)
Candidate Answer: 600 (√3 - 1)

Question 71.Thousand solid metallic spheres of diameter 6 cm are melted and recast into a new solid sphere. The diameter of the new sphere (in cm) is

धातु के 6 से.मी. व्यास वाले एक हजार ठोस गोलों को गलाकर उन्हें एक नए ठोस गोले में ढ़ाला जाता है। नए गोले का व्यास कितने (से.मी.) होगा ?
Options:
1) 30

2) 90

3) 45

4) 60
Correct Answer: 60
Candidate Answer: 60

Question 72.The graph shows the production of food grains of a country in different years. Study the graph and answer the questions.

ग्राफ में किसी देश के विभिन्न वर्षों में उत्पादन को दर्शाया गया है। ग्राफ का अध्ययन कीजिए औरनिम्नलिखित प्रश्नों के उत्तर दीजिए।

The sum of the production of food grains in the year 1982 and 1984 is equal to that in the year:

वर्ष 1982 और 1984 में खाद्यान्नों के उत्पादन का योग किस वर्ष के उत्पादन के बराबर है ?

Options:

1) 1980

2) 1981

3) 1983

4) 1985

Correct Answer: 1981

Candidate Answer: 1981

Question 73.The graph shows the production of food grains of a country in different years. Study the graph and answer the questions.

ग्राफ में किसी देश के विभिन्न वर्षों में उत्पादन को दर्शाया गया है। ग्राफ का अध्ययन कीजिए औरनिम्नलिखित प्रश्नों के उत्तर दीजिए।

The difference of the production of food grains for the year 1981 and 1985 is

वर्ष 1981 और 1985 में खाद्यान्नों के उत्पादन का अंतर कितना है ?

Options:

1) 500 tonnes
500 टन

2) 1000 tonnes
1000 टन

3) 5000 tonnes
5000 टन

4) 10000 tonnes
10000 टन

Correct Answer: 5000 tonnes
5000 टन

Candidate Answer: 5000 tonnes
5000 टन

Question 74.The graph shows the production of food grains of a country in different years. Study the graph and answer the questions.

ग्राफ में किसी देश के विभिन्न वर्षों में उत्पादन को दर्शाया गया है। ग्राफ का अध्ययन कीजिए औरनिम्नलिखित प्रश्नों के उत्तर दीजिए।

The percentage increase in production from 1984 to 1985 was

वर्ष 1984 से 1985 तक उत्पादन में कितने प्रतिशत वृद्धि हुई ?

Options:

1) 15
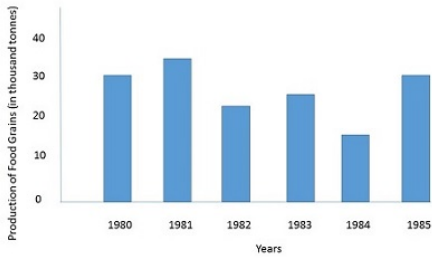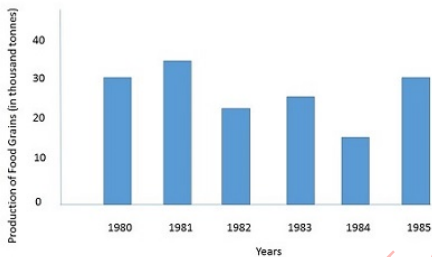
2) 30

3) 50

4) 100
Correct Answer: 100
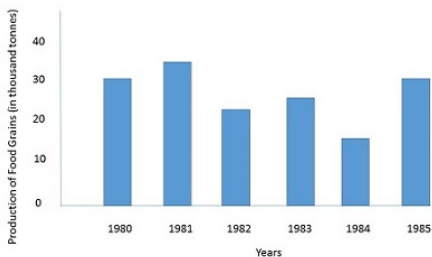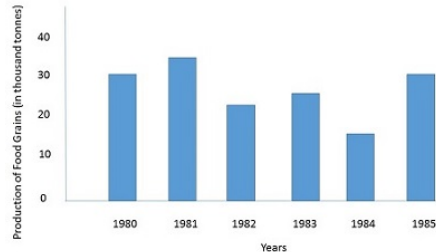**Candidate Answer:** 100

Question 75.The graph shows the production of food grains of a country in different years. Study the graph and answer the questions.

ग्राफ में किसी देश के विभिन्न वर्षों में उत्पादन को दर्शाया गया है। ग्राफ का अध्ययन कीजिए और निम्नलिखित प्रश्नों के उत्तर दीजिए।

The two consecutive years in which rate of change of production of food grains is minimum are

वे कौन-से दो उत्तरोत्तर वर्ष हैं जिनमें खाद्यान्नों के उत्पादन की परिवर्तन दर सबसे कम है ?
Options:
1) 1980 and 1981
1980 और 1981
2) 1982 and 1983
1982 और 1983
3) 1984 and 1985
1984 और 1985
4) 1983 and 1984
1983 और 1984
Correct Answer: 1980 and 1981
1980 और 1981
Candidate Answer: 1980 and 1981
1980 और 1981

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.

NONPLUSSED
Options:
1) INJURIOUS
2) ABUSIVE
3) PUZZLED
4) ENORMOUS
Correct Answer: PUZZLED
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.

VISIONARY
Options:
1) REALIST
2) ARTIST
3) IDEALIST
4) SOCIALIST
Correct Answer: REALIST
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) Desorientation
2) Disorientetion
3) Dysorientation
4) Disorientation
Correct Answer: Disorientation
Candidate Answer: Disorientation

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.

I will not (A)/stay here another minute (B)/if I can help it! (C)/No Error (D)
Options:
1) A
2) B
3) C
4) D
Correct Answer: D
Candidate Answer: B

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.

Roger dressed (A)/in is best shirt, (B)/ silver tie and black jacket (C)/No Error (D)

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

Correct Answer: B

Candidate Answer: B

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.

They are looking forward (A)/to meet (B) /their parents (C)/No Error (D)

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

Correct Answer: B

Candidate Answer: B

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.

You are ＿＿ common sense

Options:
1) lacking of
2) devoid in
3) devoid of
4) dull on

Correct Answer: devoid of

Candidate Answer: devoid of

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.

He ran so fast ＿＿＿＿＿ .

Options:
1) that he fell
2) so he fell
3) he fell
4) that he is falling

Correct Answer: that he fell

Candidate Answer: so he fell

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.

The doctor has been ＿＿ to attend to an urgent case

Options:
1) called
2) called in
3) called by
4) call over

Correct Answer: called

Candidate Answer: called

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.

To nip in the bud

Options:
1) To stop something at the start
2) To trim the flowers
3) to pluck the flowers
4) to steal from

Correct Answer: To stop something at the start

Candidate Answer: To stop something at the start

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.

To put a spoke in one's wheel

Options:
1) To repair one's cycle
2) To hinder
3) To trip a rider
4) To add an extra wheel

Correct Answer: To hinder

Candidate Answer: To hinder

Question 87.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.

To clip one's wings

Options:
1) To stop one from flying
2) To trim the leaves
3) To deprive one of power
4) To hurt a bird
Correct Answer: To deprive one of power

Candidate Answer: To deprive one of power

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.

An act of travelling from one place to another
Options:
1) Series
2) Journey
3) Sequence
4) Programme

Correct Answer: Journey

Candidate Answer: Journey

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.

The thing no longer in use
Options:
1) Obstacle
2) Obsolete
3) Obsidian
4) Obstruction
Correct Answer: Obsolete

Candidate Answer: Obsolete

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.

Misappropriation of money
Options:
1) Embezzlement
2) Robbery
3) Theft
4) Fraud
Correct Answer: Embezzlement

Candidate Answer: Embezzlement

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".

The Vice Chancellor congratulated the blind student for his success in the examination
Options:
1) in his
2) on his
3) over his
4) No improvement

Correct Answer: on his

Candidate Answer: on his

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 am sorry but I will not believe the story you have told me
Options:
1) do not believe
2) am not believed
3) have not believed
4) No improvement

Correct Answer: do not believe

Candidate Answer: [NOT ANSWERED]

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".

Due to the fall in real estate prices builders have stopped from constructing multi-storeyed office buildings
Options:
1) at constructing
2) to constructing
3) stopped constructing
4) No improvement
Correct Answer: stopped constructing

Candidate Answer: stopped constructing

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".

Not having practised his lines he cut an angry figure on the stage
Options:
1) cut a confused figure
2) cut a sorry face
3) cut a sorry figure
4) No improvement
Correct Answer: cut a sorry figure

Candidate Answer: cut a sorry figure

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".

My brother would gladly given you his car if you had asked him.

Options:
1) would gladly give
2) would have gladly given
3) would gladly gave
4) No improvement

Correct Answer: would have gladly given

Candidate Answer: would have gladly given

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.

Ants have been living on the earth for more than 100 million years and can be found almost anywhere on the planet. It is estimated that there are about 20000 different species of ants. For this reason ants have been called Earth's most successful species. If you watch ants for any length of time you will see that they really do communicate with each other and very effectively too. Ants communicate by touching each other with their antennae. Ants also use chemicals called pheromones to leave scent trails for other ants to follow. Ants build many different types of homes. Many ants build simple little mounds out of dirt or sand. Other ants use small sticks mixed with dirt and sand to make a stronger mound that offers protection from rain. Western Harvester ants make a small mound on top, but then tunnels up to 15 feet straight down to hibernate during winter. Ant mounds consist of many chambers connected by tunnels. Different chambers are used for nurseries, food storage, and resting places for the worker ants. Some ants live in wood like termites. Army ants don't make a home at all but travel in a large groups searching for food. Ants are social insects which means they live in large colonies or groups. Some colonies consist of millions of ants. There are three types of ants in each species, the queen, the sterile female workers and males. The male ants only serve one purpose, to mate with future queen ants and do not live very long. The queen grows to adulthood, mates, and then spends rest of her life laying eggs. A colony may have only one queen, or there may be many queens depending on the species. Ants go through four stages of development: egg, larva, pupa and adult.

Why are ants called the 'Earth's' most successful species?

Options:
1) Because they have been on earth for more than a 100 million years
2) Because they can be found anywhere on earth
3) Because they have been on earth for more than a 100 million years and because they can be found anywhere on earth
4) Because there are 2000 different species of ants on earth

Correct Answer: Because they have been on earth for more than a 100 million years and because they can be found anywhere on earth

Candidate Answer: Because they have been on earth for more than a 100 million years and because they can be found anywhere on earth

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.

Ants have been living on the earth for more than 100 million years and can be found almost anywhere on the planet. It is estimated that there are about 20000 different species of ants. For this reason ants have been called Earth's most successful species. If you watch ants for any length of time you will see that they really do communicate with each other and very effectively too. Ants communicate by touching each other with their antennae. Ants also use chemicals called pheromones to leave scent trails for other ants to follow. Ants build many different types of homes. Many ants build simple little mounds out of dirt or sand. Other ants use small sticks mixed with dirt and sand to make a stronger mound that offers protection from rain. Western Harvester ants make a small mound on top, but then tunnels up to 15 feet straight down to hibernate during winter. Ant mounds consist of many chambers connected by tunnels. Different chambers are used for nurseries, food storage, and resting places for the worker ants. Some ants live in wood like termites. Army ants don't make a home at all but travel in a large groups searching for food. Ants are social insects which means they live in large colonies or groups. Some colonies consist of millions of ants. There are three types of ants in each species, the queen, the sterile female workers and males. The male ants only serve one purpose, to mate with future queen ants and do not live very long. The queen grows to adulthood, mates, and then spends rest of her life laying eggs. A colony may have only one queen, or there may be many queens depending on the species. Ants go through four stages of development: egg, larva, pupa and adult.

Antennae are used by ants to

Options:
1) leave a trail for other ants
2) communicate
3) find direction
4) touch and feel each other

Correct Answer: communicate

Candidate Answer: communicate

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.

Ants have been living on the earth for more than 100 million years and can be found almost anywhere on the planet. It is estimated that there are about 20000 different species of ants. For this reason ants have been called Earth's most successful species. If you watch ants for any length of time you will see that they really do communicate with each other and very effectively too. Ants communicate by touching each other with their antennae. Ants also use chemicals called pheromones to leave scent trails for other ants to follow. Ants build many different types of homes. Many ants build simple little mounds out of dirt or sand. Other ants use small sticks mixed with dirt and sand to make a stronger mound that offers protection from rain. Western Harvester ants make a small mound on top, but then tunnels up to 15 feet straight down to hibernate during winter. Ant mounds consist of many chambers connected by tunnels. Different chambers are used for nurseries, food storage, and resting places for the worker ants. Some ants live in wood like termites. Army ants don't make a home at all but travel in a large groups searching for food. Ants are social insects which means they live in large colonies or groups. Some colonies consist of millions of ants. There are three types of ants in each species, the queen, the sterile female workers and males. The male ants only serve one purpose, to mate with future queen ants and do not live very long. The queen grows to adulthood, mates, and then spends rest of her life laying eggs. A colony may have only one queen, or there may be many queens depending on the species. Ants go through four stages of development: egg, larva, pupa and adult.

What does the Western Harvester do in winter ?

Options:
1) It travels
2) It builds different types of homes
3) It hibernates
4) It searches for food

Correct Answer: It hibernates

Candidate Answer: It hibernates

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.

Ants have been living on the earth for more than 100 million years and can be found almost anywhere on the planet. It is estimated that there are about 20000 different species of ants. For this reason ants have been called Earth's most successful species. If you watch ants for any length of time you will see that they really do communicate with each other and very effectively too. Ants communicate by touching each other with their antennae. Ants also use chemicals called pheromones to leave scent trails for other ants to follow. Ants build many different types of homes. Many ants build simple little mounds out of dirt or sand. Other ants use small sticks mixed with dirt and sand to make a stronger mound that offers protection from rain. Western Harvester ants make a small mound on top, but then tunnels up to 15 feet straight down to hibernate during winter. Ant mounds consist of many chambers connected by tunnels. Different chambers are used for nurseries, food storage, and resting places for the worker ants. Some ants live in wood like termites. Army ants don't make a home at all but travel in a large groups searching for food. Ants are social insects which means they live in large colonies or groups. Some colonies consist of millions of ants. There are three types of ants in each species, the queen, the sterile female workers and males. The male ants only serve one purpose, to mate with future queen ants and do not live very long. The queen grows to adulthood, mates, and then spends rest of her life laying eggs. A colony may have only one queen, or there may be many queens depending on the species. Ants go through four stages of development: egg, larva, pupa and adult.

What kind of homes do the army of ants build ?

Options:

1) Simple little mounds made out of dirt or sand
2) Stronger mounds of small sticks mixed with dirt and sand
3) Small mounds on top but with tunnels upto 15 feet below
4) They do not make homes but travel in search of food

Correct Answer: They do not make homes but travel in search of food

Candidate Answer: They do not make homes but travel in search of food

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.

Ants have been living on the earth for more than 100 million years and can be found almost anywhere on the planet. It is estimated that there are about 20000 different species of ants. For this reason ants have been called Earth's most successful species. If you watch ants for any length of time you will see that they really do communicate with each other and very effectively too. Ants communicate by touching each other with their antennae. Ants also use chemicals called pheromones to leave scent trails for other ants to follow. Ants build many different types of homes. Many ants build simple little mounds out of dirt or sand. Other ants use small sticks mixed with dirt and sand to make a stronger mound that offers protection from rain. Western Harvester ants make a small mound on top, but then tunnels up to 15 feet straight down to hibernate during winter. Ant mounds consist of many chambers connected by tunnels. Different chambers are used for nurseries, food storage, and resting places for the worker ants. Some ants live in wood like termites. Army ants don't make a home at all but travel in a large groups searching for food. Ants are social insects which means they live in large colonies or groups. Some colonies consist of millions of ants. There are three types of ants in each species, the queen, the sterile female workers and males. The male ants only serve one purpose, to mate with future queen ants and do not live very long. The queen grows to adulthood, mates, and then spends rest of her life laying eggs. A colony may have only one queen, or there may be many queens depending on the species. Ants go through four stages of development: egg, larva, pupa and adult.

What is the purpose of male ants ?

Options:

1) To lay eggs
2) To protect the colony
3) To mate with future queen ants
4) To live a long life

Correct Answer: To mate with future queen ants

Candidate Answer: To mate with future queen ants