



Staff Selection Commission
(Government Of India)

REGISTRATION NUMBER : qmaths.in
EXAM DATE : 10-September-2016
EXAM NAME : SSC Examination 2016
TOTAL MARKS : 200

CANDIDATE NAME : qmaths.in
EXAM START TIME : 16:15:00
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 संबंधित शब्द/अक्षरों/संख्या को चुनिए।

Line : Square :: Arc : ?

रेखा : वर्ग :: चाप : ?

Options:

- 1) Ring
बलय
- 2) Sphere
गोलक
- 3) Circle
वृत्त
- 4) Ball
बॉल

Correct Answer: Circle

वृत्त

Candidate Answer: Circle

वृत्त

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

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

FJSP : DLQR :: GMIL : ?

Options:

- 1) EOGN
- 2) JNIO
- 3) HOGN
- 4) IONG

Correct Answer: EOGN

Candidate Answer: EOGN

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

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

21 : 3 :: 574 : ?

Options:

- 1) 23
- 2) 82
- 3) 97
- 4) 113

Correct Answer: 82

Candidate Answer: 82

Question 4.

For the following questions

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

दिए गए विकल्पों में से सम्बन्धित शब्द/अक्षरों/संख्या को चुनिए।

Options:

- 1) Tabla
तबला
- 2) Tanpura
तानपुरा
- 3) Sarod
सरोद
- 4) Sitar
सितार

Correct Answer: Tabla
तबला

Candidate Answer: Tabla
तबला

Question 5.

For the following questions

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

दिए गए विकल्पों में से सम्बन्धित शब्द/अक्षरों/संख्या को चुनिए।

Options:

- 1) CBED
- 2) JILK
- 3) TSVU
- 4) VZXY

Correct Answer: VZXY

Candidate Answer: VZXY

Question 6.

For the following questions

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

दिए गए विकल्पों में से सम्बन्धित शब्द/अक्षरों/संख्या को चुनिए।

Options:

- 1) 132
- 2) 176
- 3) 279
- 4) 352

Correct Answer: 279

Candidate Answer: 279

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

निम्नलिखित शब्दों को शब्दकोश के क्रम के अनुसार व्यवस्थित कीजिये।

1. Sinister 2. Sinuous 3. Sinhalese 4. Sinusitis 5. Sinecure

Options:

- 1) 5, 3, 2, 4, 1
- 2) 5, 2, 4, 3, 1
- 3) 5, 2, 1, 3, 4
- 4) 5, 3, 1, 2, 4

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

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

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

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

LMA, NOB, PQC, ? , STE

Options:

- 1) TUV
- 2) RSD
- 3) DOA
- 4) BRD

Correct Answer: RSD

Candidate Answer: RSD

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

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

41, 43, 47, 53, ?

Options:

1) 59

2) 63

3) 61

4) 65

Correct Answer: 61

Candidate Answer: 61

Question 10. Pointing towards a boy Meera said 'He is the son of the only son of my grandfather.' How is that boy related to Meera?

एक लड़के की ओर इशारा करते हुए मीरा ने कहा, "यह मेरे दादा के इकलोते पुत्र का पुत्र है।" उस लड़के का मीरा से क्या सम्बन्ध है ?

Options:

1) Cousin

चचेरा/फुफेरा/ममेरा/मौसेरा भाई

2) Brother

भाई

3) Uncle

चाचा

4) Brother-in-law

जीजा/देवर/जेठ/नन्दोई

Correct Answer: Brother

भाई

Candidate Answer: Brother

भाई

Question 11. In a row of 15 children, when Raju was shifted three places towards right, he became 8th from the right end. What was his earlier position from the left end of the row?

15 बच्चों की एक पंक्ति में जब राजु का स्थान दाहिनी ओर तीन स्थान परिवर्तित किया गया तो वह दाहिने सिरे से 8वें स्थान पर हो गया। वह पहले पंक्ति के बायें सिरे से कौन-से स्थान पर था ?

Options:

1) 14

2) 12

3) 6

4) 5

Correct Answer: 5

Candidate Answer: 5

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 सकता है:

PREDICAMENT

Options:

1) CEMENT

2) DEMENTIA

3) PREDICT

4) PRIMER

Correct Answer: PRIMER

Candidate Answer: PRIMER

Question 13. In a certain code, 'TEACHER' is written as VGCEJGT. How is 'CHILDREN' written in that code?

किसी विशिष्ट कूट में 'TEACHER' को 'VGCEJGT' लिखा जाए तो उस कूट में 'CHILDREN' को कैसे लिखा जाएगा ?

Options:

- 1) EJKNEGTP
- 2) EJKNFTGP
- 3) EJNFITP
- 4) EJKNFTGH

Correct Answer: EJKNFTGP

Candidate Answer: EJKNFTGP

Question 14. If L denotes 'x', M denotes ' \div ', P denotes '+' and Q denotes '-', then

यदि L, 'x' को प्रदर्शित करता है, M, ' \div ' को प्रदर्शित करता है, P, + को प्रदर्शित करता है, और Q, - को प्रदर्शित करता है, तो

16P24M8Q6M2L3

Options:

- 1) $13/6$
- 2) $-1/6$
- 3) $14\frac{1}{2}$
- 4) 10

Correct Answer: 10

Candidate Answer: 10

Question 15. The missing number in the given series is:

दी गई श्रृंखला में लुप्त संख्या ज्ञात कीजिये ।

15 (105) 14 , 13 (?) 12

Options:

1) 91

2) 78

3) 65

4) 68

Correct Answer: 78

Candidate Answer: 78

Question 16. Select the missing numbers from the given alternatives

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दिए गए विकल्पों में से लुप्त पद ज्ञात कीजिये।

| | | |
|-----|-----|-----|
| ? | 120 | 150 |
| 110 | 100 | 90 |
| 80 | 60 | 40 |

Options:

1) 60

2) 70

3) 80

4) 90

Correct Answer: 90

Question 17. Prabhu travelled from his house a distance of 20kms to his friend's house. After some time he left his friend's house and took a turn towards right and travelled 15 kms to reach a park. After resting for a while, he again started and turned to right and travelled 18 kms to reach a petrol bunk. From there he again turned right and covered a distance of 15 kms. How many km more he has to travel to reach home?

प्रभु अपने घर से 20 कि.मी. दूर अपने मित्र के घर तक गया। कुछ समय बाद वह अपने मित्र के घर से चल कर दाहिनी ओर मुड़ गया और 15 कि.मी. दूर एक उद्यान में पहुँचा। वहाँ कुछ देर विश्राम करके, वह फिर चल पड़ा और दाहिनी ओर मुड़कर 18 कि.मी. चलकर एक पेट्रोल पम्प पर पहुँचा। वहाँ से वह पुनः दाहिनी ओर मुड़कर 15 कि.मी. दूर चला गया। तो अब वह कितने कि.मी. और चल कर अपने घर पहुँच जायेगा ?

Options:

- 1) 2 kms
2 कि.मी.
- 2) 18 kms
18 कि.मी.
- 3) 21 kms
21 कि.मी.
- 4) 23 kms
23 कि.मी.

Correct Answer: 2 kms
2 कि.मी.

Candidate Answer: 2 kms
2 कि.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.

Statements: Some flies are ants.

All insects are ants.

Conclusions: I. All flies are ants.

II. Some ants are insects.

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 कोन-सा निश्चित रूप से सही निष्कर्ष/मान्यता निकाला जा सकता है ?

कथन : I-कुछ मक्खियाँ, चीटियाँ हैं।

कथन : II- सभी कीट, चीटियाँ हैं।

निष्कर्ष: I- सभी मक्खियाँ, चीटियाँ हैं।

निष्कर्ष: II-कुछ चीटियाँ, कीट हैं।

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 दोनों सही है।

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

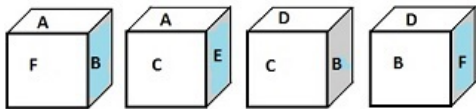
Correct Answer: Only conclusion II follows
केवल निष्कर्ष II सही है।

Candidate Answer: Only conclusion II follows

केवल निष्कर्ष II सही है।

Question 19. From the positions of a cube shown below, which letter will be on the face opposite to face with 'A'?

दिए गए घन की स्थितियों से देख कर बताएँ कि A की फलक के ठीक सामने फलक पर कौन-सा अक्षर होगा ?



Options:

1) F

2) D

3) C

4) B

Correct Answer: D

Candidate Answer: D

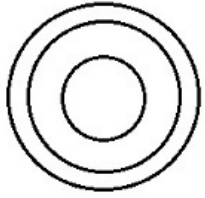
Question 20. Which one of the following Venn diagrams best illustrates the three classes

निम्नलिखित में से कौन-सा वेन-आरेख इन तीन श्रेणियों का सबसे अच्छी तरह निदर्शन करता है ?

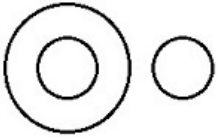
Rhombus, Quadrilaterals, Polygons

Options:

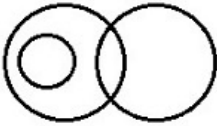
1)



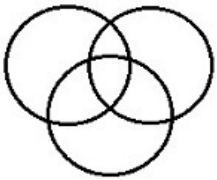
2)



3)

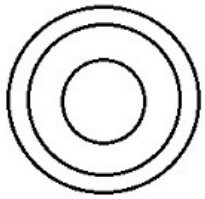


4)

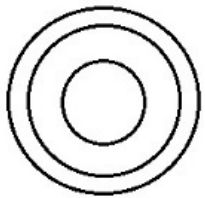


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Correct Answer:

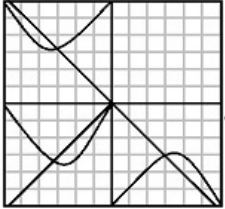


Candidate Answer:



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

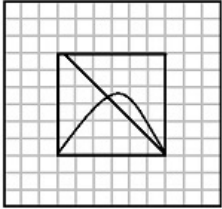
कौन-सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी ?



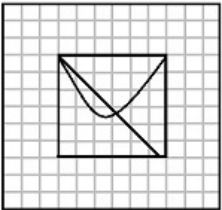
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Options:

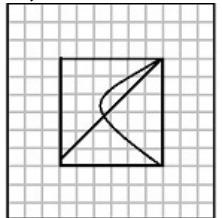
1)



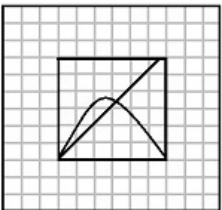
2)



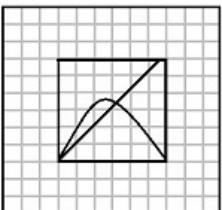
3)



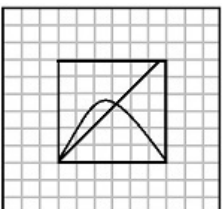
4)



Correct Answer:



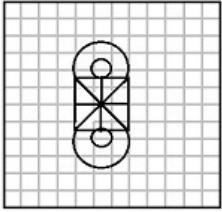
Candidate Answer:



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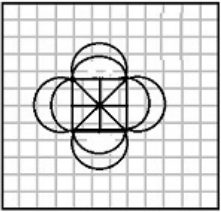
Question 22. [Downloaded from www.qmaths.in](http://www.qmaths.in), select the one in which the question figure is hidden/embedded.

दी गई उत्तर आकृतियों में से उत्तर आकृति को चुनिए जिसमें प्रश्न आकृति छिपी है।

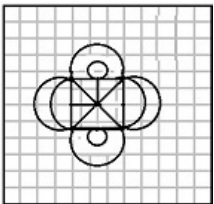


Options:

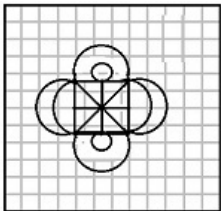
1)



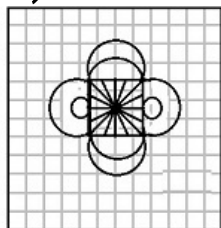
2)



3)

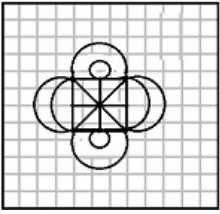


4)

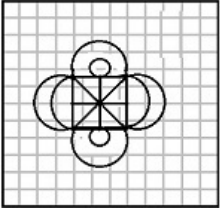


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Correct Answer.

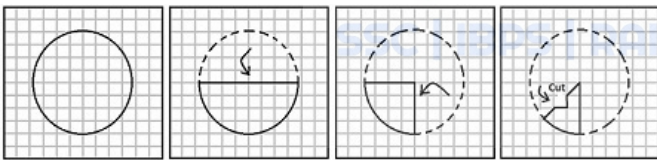


Candidate Answer:



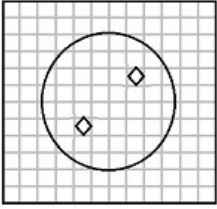
Question 23. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

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

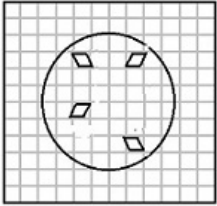


Options:

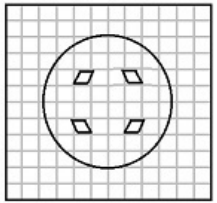
1)



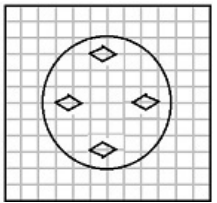
2)



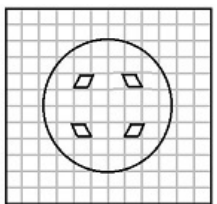
3)



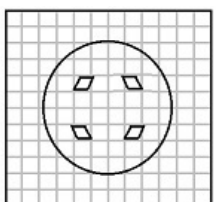
4)



Correct Answer:



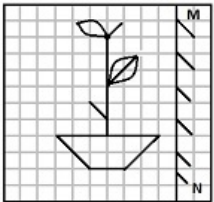
Candidate Answer:



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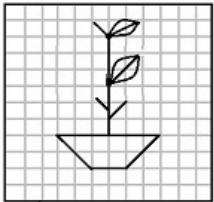
Question 24. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

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

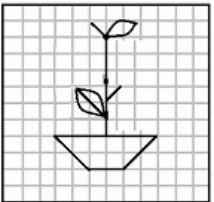


Options:

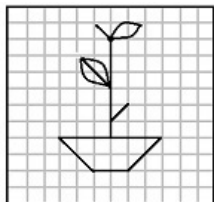
1)



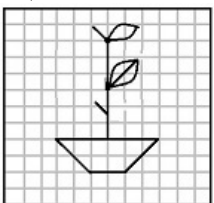
2)



3)

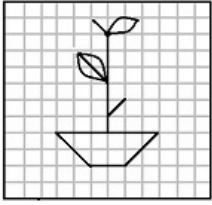


4)

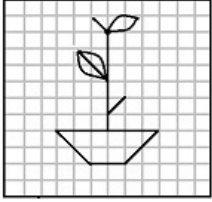


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Correct Answer:



Candidate Answer:



Question 25. In the question, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. 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., 'C' can be represented by 04, 40, etc., and 'K' can be represented by 56, 75, etc.

Similarly you have to identify the set for the word 'NICE'

निम्नलिखित प्रश्न में 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 सतम्भ और पंक्ति की संख्या 0 से 4 तक दी गई है, और आव्यूह II के 5 से 9 तक, इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'G' को 04, 40 द्वारा दर्शाया जा सकता है तथा 'K' को 56, 75 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको दिए शब्द NICE के लिए समूह को पहचानना है।

| | | | | | |
|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 |
| 0 | C | D | E | F | G |
| 1 | F | G | C | D | E |
| 2 | D | E | F | G | C |
| 3 | E | F | G | C | D |
| 4 | G | C | D | E | F |

| | | | | | |
|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 |
| 5 | H | K | L | I | N |
| 6 | I | N | H | K | L |
| 7 | K | L | I | N | H |
| 8 | L | I | N | H | K |
| 9 | N | H | K | L | I |

Options:

1) 66, 58, 33, 02

2) 87, 65, 03, 24

3) 66, 23, 68, 30

4) 59, 68, 40, 02

Correct Answer: 66, 58, 33, 02

Candidate Answer: 66, 58, 33, 02

Question 26. Bilateral monopoly situation is

द्विपक्षीय एकाधिकार स्थिति क्या है ?

Options:

1) when there are only two sellers of a product
जब एक वस्तु के सिर्फ दो विक्रेता होते हैं

2) when there are only two buyers of a product
जब एक वस्तु के सिर्फ दो ग्राहक होते हैं

3) when there is only one buyer and one seller of a product

जब एक वस्तु के सिर्फ एक ग्राहक और एक विक्रेता होते हैं

4) when there are two buyers and two sellers of a product
जब एक वस्तु के दो ग्राहक और दो विक्रेता होते हैं

Correct Answer: when there is only one buyer and one seller of a product

जब एक वस्तु के सिर्फ एक ग्राहक और एक विक्रेता होते हैं

Candidate Answer: when there are only two sellers of a product

जब एक वस्तु के सिर्फ दो विक्रेता होते हैं

Question 27. [Downloaded from www.qmaths.in](http://www.qmaths.in) Lorenz curve shows

लोरेन्ज वक्र क्या दर्शाता है ?

Options:

1) Inflation

मुद्रास्फीति

2) Unemployment

बेरोज़गारी

3) Income distribution

आय वितरण

4) Poverty

गरीबी

Correct Answer: Income distribution

आय वितरण

Candidate Answer: [NOT ANSWERED]

Question 28. The Preventive Detention Act curtailed

निवारक निरोध अधिनियम (प्रिवेन्टिव डिटेन्शन एक्ट) द्वारा क्या रोका जा सकता है ?

Options:

1) Right to Freedom

आजादी का हक

2) Right to Equality

समानता का हक

3) Right to Property

संपत्ति का हक

4) Education Right

शिक्षा का हक

Correct Answer: Right to Freedom

आजादी का हक

Candidate Answer: Right to Freedom

आजादी का हक

Question 29. Ornithophily is effected by

ऑर्निथोफिली किसके द्वारा होता है ?

Options:

1) snails

घोंघा

2) bats

चमगादड़

3) insects

कीड़ा

4) birds

पक्षी

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Correct Answer: birds

पक्षी

Candidate Answer: birds

पक्षी

Question 30. To which ganarajya Gautam Buddha belonged?

गौतम बुद्ध कौन-से गणराज्य के थे ?

Options:

1) Shibi

शिबी

2) Shakya

शाक्या

3) Saurasena

सौरसेना

4) Shabara

शबारा

Correct Answer: Shakya

शाक्या

Candidate Answer: Shakya

शाक्या

Question 31. Which of the following is not an Igneous Rock?

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निम्नलिखित में से कौन-सा आग्नेय शैल नहीं है ?

Options:

1) Dolomite

डोलोमाइट

2) Granite

ग्रेनाइट

3) Basalt

बेसाल्ट

4) Gabbro

गैब्रो

Correct Answer: Dolomite

डोलोमाइट

Candidate Answer: [NOT ANSWERED]

Question 32. Which of the following vitamins help in the absorption of calcium?

निम्नलिखित में से कौन-सा विटामिन कैल्शियम के अवशोषण में सहायक है ?

Options:

1) Vitamin A

विटामिन ए

2) Vitamin D

विटामिन डी

3) Vitamin B

विटामिन बी

4) Vitamin C

विटामिन सी

Correct Answer: Vitamin D

विटामिन डी

Candidate Answer: Vitamin C

विटामिन सी

Question 33. The outermost layer of sun is called

सूर्य की सबसे बाहरी परत को क्या कहते हैं ?

Options:

1) Lithosphere

स्थलमंडल

2) Chromosphere

वर्णमंडल

3) Photosphere

प्रकाशमंडल

4) Corona

कोरोना

Correct Answer: Chromosphere

वर्णमंडल

Candidate Answer: [NOT ANSWERED]

Question 34. Constantly running system - program processes are known as

निरंतर सक्रिय सिस्टम-प्रोग्राम प्रोसेस को क्या कहते हैं ?

Options:

1) Daemons

डीमन

2) Processes

प्रोसेस

3) Process Block

प्रोसेस ब्लॉक

4) Process Control Block

प्रोसेस कंट्रोल ब्लॉक

Correct Answer: Daemons

डीमन

Candidate Answer: Processes

प्रोसेस

Question 35. Which of the following vitamins contain nitrogen?

निम्नलिखित में से किस विटामिन में नाइट्रोजन होती है ?

Options:

1) Vitamin A

विटामिन ए

2) Vitamin B

विटामिन बी

3) Vitamin C

विटामिन सी

4) Vitamin D

विटामिन डी

Correct Answer: Vitamin B

विटामिन बी

Candidate Answer: Vitamin A

विटामिन ए

Question 36. Science dealing with study of soil is called

मृदा से संबंधित विज्ञान क्या कहलाता है ?

Options:

- 1) Pedology
मृदा विज्ञान
- 2) Pedagogy
शिक्षा शास्त्र
- 3) Ecology
पारिस्थितिकी
- 4) Pomology
पोमोलॉजी

Correct Answer: Pedology

मृदा विज्ञान

Candidate Answer: Pedology

मृदा विज्ञान

Question 37. With which sport is P.V. Sindhu associated?

पी. वी. सिंधू का नाम किस खेल से जुड़ा है ?

Options:

- 1) Shooting
शूटिंग (निशानेबाजी)
- 2) Boxing
मुक्केबाजी
- 3) Swimming
तैराकी
- 4) Badminton
बैडमिंटन

Correct Answer: Badminton

बैडमिंटन

Candidate Answer: Badminton

बैडमिंटन

Question 38. In hydel power station, the motion produced in turbines is due to

जल विद्युत केंद्र में टरबाइन किससे चलती है ?

Options:

1) flow of water

पानी के बहने से

2) burning of coal

कोयले के जलने से

3) burning of diesel

डीजल के जलने से

4) production of steam

धुएं के उत्पादन से

Correct Answer: flow of water

पानी के बहने से

Candidate Answer: flow of water | LIC | SIDBI

पानी के बहने से

Question 39. Which of the following gases is known as "Laughing Gas"?

निम्नलिखित में से कौन-सी गैस को 'हास्य गैस' कहते हैं ?

Options:

1) Nitrous oxide

नाइट्रस ऑक्साइड

2) Nitrogen peroxide

नाइट्रोजन पेरोक्साइड

3) Nitrogen

नाइट्रोजन

4) Nitric oxide

नाइट्रिक ऑक्साइड

Correct Answer: Nitrous oxide

नाइट्रस ऑक्साइड

Candidate Answer: Nitrous oxide

नाइट्रस ऑक्साइड

Question 40. The 'solid waste' is also known as

"सॉलिड वेस्ट" निम्नलिखित में से और किस नाम से जाना जाता है ?

Options:

1) Sedge

सेड्ज

2) Toxic waste

टॉक्सिक वेस्ट

3) Sludge

स्लज

4) Scrubber

स्क्रबबर

Correct Answer: Sludge

स्लज

Candidate Answer: Sludge

स्लज

Question 41.If waste materials contaminate the source of drinking water, which of the following diseases will spread?

अगर कचरा पीने के पानी में मिल जाए तो कौन-सी बीमारी फैलेगी ?

Options:

1) Scurvy

स्कर्वी

2) Typhoid

टाइफॉइड

3) Malaria

मलेरिया

4) Anaemia

एनीमिया

Correct Answer: Typhoid

टाइफॉइड

Candidate Answer: Typhoid

टाइफॉइड

Question 42.Kalamkari painting refers to

कलमकारी चित्रकला का संबन्ध किससे है?

Options:

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1) A hand painted cotton textile in South-India

दक्षिण भारत में हस्त-चित्रित सूती वस्त्र

2) A handmade drawing on bamboo handicrafts in North-East India

पूर्वोत्तर भारत में बांस के हस्तशिल्प पर हस्तनिर्मित आकृति

3) A block painted woollen cloth in Western Himalayan region of India

भारत के पश्चिमी हिमालयी क्षेत्र में ब्लॉक चित्रित ऊनी वस्त्र

4) A hand painted decorative silk cloth in North-Western India

पश्चिमोत्तर भारत में हस्तचित्रित सजावटी रेशम वस्त्र

Correct Answer: A hand painted cotton textile in South-India

दक्षिण भारत में हस्त-चित्रित सूती वस्त्र

Candidate Answer: A handmade drawing on bamboo handicrafts in North-East India

पूर्वोत्तर भारत में बांस के हस्तशिल्प पर हस्तनिर्मित आकृति

Question 43. Which of the following areas make the largest contribution to national income in India?

निम्नलिखित में से राष्ट्रीय आय के लिए किसका अधिकतम योगदान है ?

Options:

1) Industry

उद्योग

2) Services

सेवा

3) Agriculture

कृषि

4) Mining

खनिज

Correct Answer: Services

सेवा

Candidate Answer: Services

सेवा

Question 44. Chachnama records the history of which conquest?

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चचनामा में कौन-सी विजय के इतिहास का रिकॉर्ड है ?

Options:

1) Kushanas

कुषाण

2) Hunas

हुण

3) Arabs

अरब

4) Greeks

यूनानी

Correct Answer: Arabs

अरब

Candidate Answer: [NOT ANSWERED]

Question 45. The deepest trench of the Indian Ocean is

हिंद महासागर की सबसे गहरी खाई कौन सी है ?

Options:

1) Java trench

जावा खाई

2) Aleutian trench

एलेन्टियन खाई

3) Atacama trench

आटाकामा खाई

4) Tizard trench

तिजार्ड खाई

Correct Answer: Java trench

जावा खाई

Candidate Answer: Atacama trench

आटाकामा खाई

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Question 46. "Abhinav Bharat" was founded in 1904 as a secret society of revolutionaries by :

1904 में क्रान्तिकारियों की गुप्त संस्था के रूप में 'अभिनव भारत' की स्थापना किसने की थी ?

Options:

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1) Damodar Chapekar

दामोदर चापेकर

2) V. D. Savarkar

वी.डी. सावरकर

3) Praffula Chaki

प्रफुल्ल चाकी

4) Khudiram Bose

खुदीराम बोस

Correct Answer: V. D. Savarkar

वी.डी. सावरकर

Candidate Answer: [NOT ANSWERED]

Question 47. Ideas of welfare state are contained in

कल्याणकारी राज्य संबन्धी विचार किसमें दिए गए हैं ?

Options:

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1) Fundamental Rights

मूल अधिकार

2) Directive Principles of State Policy

राज्यनीति संबन्धी निदेशक सिद्धान्त

3) Preamble of the Constitution

संविधान की उद्देशिका

4) Part VII

भाग VII

Correct Answer: Directive Principles of State Policy

राज्यनीति संबन्धी निदेशक सिद्धान्त

Candidate Answer: Directive Principles of State Policy

राज्यनीति संबन्धी निदेशक सिद्धान्त

Question 48. Which of the following is called the 'Land of the Golden Pagoda'?

"लैंड ऑफ द गोल्डन पगोडा" किसे कहते हैं ?

Options:

1) Myanmar

म्यांमार

2) China

चीन

3) Japan

जापान

4) North Korea

उत्तरी कोरिया

Correct Answer: Myanmar

म्यांमार

Candidate Answer: [NOT ANSWERED]

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Question 49. Which Indian author in May 2016 won the prestigious 2016 Scholastic Asian Book Award for her work 'Codex : The Lost Treasure of the Indus' ?

किस भारतीय लेखिका को मई 2016 में उनकी पुस्तक 'कोडेक्स : द लॉस्ट ट्रेज़र ऑफ इंडस' के लिए स्कॉलिस्टिक एशियन बुक अवार्ड से नवाजा गया था ?

Options:

1) Anita Desai

अनिता देसाई

2) Aditi Krishna Kumar

अदिति कृष्णकुमार

3) Rupa Iyer

रूपा अय्यर

4) Preethi Nair

प्रीति नायर

Correct Answer: Aditi Krishna Kumar

अदिति कृष्णकुमार

Candidate Answer: [NOT ANSWERED]

Question 50. Pneumonia is a bacterial disease caused by the type of bacteria called _____

कौन सा बैक्टीरिया निमोनिया रोग का कारण है ?

Options:

1) Bacilli

बेसिलि

2) Cocci

कॉकाई

3) Sprilli

स्प्रिलि

4) Vibrio

विव्रियो

Correct Answer: Cocci

कॉकाई

Candidate Answer: Bacilli

बेसिलि

Question 51. A and B undertake a piece of work for Rs. 250 . A alone can do that work in 5 days and B alone can do that work in 15 days . With the help of C, they finish the work in 3 days . If every one gets paid in proportion to work done by them, the amount C will get is

A और B एक काम को Rs. 250 में करने की जिम्मेदारी लेते हैं। A उस काम को अकेले 5 दिन में और B उस काम को अकेले 15 दिन में कर सकता है। वे C की मदद से काम को 3 दिन में पूरा कर लेते हैं। यदि सभी को कार्य के अनुपात में पारिश्रमिक मिलता हो तो C को कितनी राशि मिलेगी ?

Options:

- 1) Rs.50
- 2) Rs.100
- 3) Rs.150
- 4) Rs.200

Correct Answer: Rs.50

Candidate Answer: Rs.50

Question 52. Dealer purchased an article for Rs. 900 and fixes the list price in such a way that he gains 20% after allowing 10% discount, then the list price is

एक विक्रेता ने Rs. 900 में एक वस्तु खरीदी और सूची मूल्य इस प्रकार निर्धारित किया कि 10% छूट देने के बाद उसे 20% का लाभ हो, तो सूची मूल्य क्या है ?

Options:

1) Rs.1180

2) Rs.1080

3) Rs.1200

4) Rs.1100

Correct Answer: Rs.1200

Candidate Answer: Rs.1200

Question 53. Cost price of 28 articles is equal to Sale price of 21 articles, then percentage of profit is

यदि 28 वस्तुओं का लागत मूल्य 21 वस्तुओं के बिक्री मूल्य के बराबर है, तो लाभ प्रतिशत कितना है ?

Options:

1) 12%

2) $33\frac{1}{3}$ %

3) 20%

4) 22%

Correct Answer: $33\frac{1}{3}$ %

Candidate Answer: $33\frac{1}{3}$ %

Question 54. In the last financial year, a car company sold 41,800 cars . In this year, the target is to sell 51,300 cars . By what percent must the sale be increased ?

पिछले वित्त वर्ष में एक कार कंपनी ने 41,800 कारें बेची। इस वर्ष 51,300 कारें बेचने का लक्ष्य है। बिक्री को कितने प्रतिशत बढ़ाना होगा ?

Options:

1)

$$11\frac{9}{22}\%$$

2)

$$8\frac{9}{22}\%$$

3)

$$8\frac{11}{23}\%$$

4)

$$22\frac{8}{11}\%$$

Correct Answer:

$$22\frac{8}{11}\%$$

Candidate Answer:

$$22\frac{8}{11}\%$$

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Question 55. If the speed of a boat in still water is 20 km/hr and the speed of the current is 5 km/hr, then the time taken by the boat to travel 100 km with the current is

यदि स्थिर जल में नौका की गति 20 कि.मी./घण्टा है और धारा की गति 5 कि.मी./घण्टा हो तो धारा की गति के साथ 100 किमी की यात्रा तय करने में नौका को कितना समय लगेगा ?

Options:

- 1) 2 hrs
2 घंटे
- 2) 3 hrs
3 घंटे
- 3) 4 hrs
4 घंटे
- 4) 7 hrs
7 घंटे

Correct Answer: 4 hrs

4 घंटे

Candidate Answer: 4 hrs

4 घंटे

Question 56. If a sum of money doubles itself in 8 yrs, then the interest rate in percentage is ?

SSC | IBPS | RAILWAYS | LIC | SIDBI

कोई धनराशि 8 वर्ष में स्वतः दुगुनी हो जाती है, तो ब्याज दर (प्रतिशत में) कितनी है ?

Options:

- 1) $8 \frac{1}{2}\%$
- 2) 10%
- 3) $10 \frac{1}{2}\%$
- 4) $12 \frac{1}{2}\%$

Correct Answer: $12 \frac{1}{2}\%$

Candidate Answer: $12 \frac{1}{2}\%$

Question 57. If $(x - 5)^2 + (y - 2)^2 + (z - 9)^2 = 0$, then value of $(x + y - z)$ is

यदि $(x - 5)^2 + (y - 2)^2 + (z - 9)^2 = 0$, तो $(x + y - z)$ का मान क्या है ?

Options:

1) 16

2) -1

3) -2

4) 12

Correct Answer: -2

Candidate Answer: -2

Question 58.

If $x + \frac{1}{x} = 3$ then $x^8 + \frac{1}{x^8}$ is equal to

यदि $x + \frac{1}{x} = 3$ तो $x^8 + \frac{1}{x^8}$ कितना है ?

Options:

1) 2201

2) 2203

3) 2207

4) 2213

Correct Answer: 2207

Candidate Answer: 2207

Question 59. Points P, Q and R are on a circle such that $\angle PQR = 40^\circ$ and $\angle QRP = 60^\circ$. Then the subtended angle by arc QR at the centre is

बिन्दु P, Q और R एक वृत्त पर इस प्रकार हैं कि $\angle PQR = 40^\circ$ और $\angle QRP = 60^\circ$ तो केन्द्र में चाप QR द्वारा अंतरित कोण कितना है ?

Options:

1) 80°

2) 120°

3) 140°

4) 160°

Correct Answer: 160°

Candidate Answer: 160°

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Question 60.

The ratio of the angles of a triangle is $1:\frac{2}{3}:3$. Then the smallest angle is:

एक त्रिभुज के कोणों का अनुपात $1:\frac{2}{3}:3$ हो, तो लघुत्तम कोण कितना है ?

Options:

1)

$$21 \frac{4^\circ}{7}$$

2) 25°

3)

$$25 \frac{5^\circ}{7}$$

4)

$$38 \frac{4^\circ}{7}$$

Correct Answer:

$$25 \frac{5^\circ}{7}$$

Candidate Answer:

$$25 \frac{5^\circ}{7}$$

Question 61. If $\alpha + \beta = 90^\circ$ and $\alpha:\beta = 2:1$, then the ratio of $\cos\alpha$ to $\cos\beta$ is

यदि $\alpha + \beta = 90^\circ$ और $\alpha:\beta = 2:1$, तो $\cos\alpha$ व $\cos\beta$ का अनुपात क्या है ?

Options:

1) $1:\sqrt{3}$

2) $1:3$

3) $1:\sqrt{2}$

4) $1:2$

Correct Answer: $1:\sqrt{3}$

Candidate Answer: $1:\sqrt{3}$

Question 62. The least number to be added to 13851 to get a number which is divisible by 87 is

13851 में वह कौन-सी न्यूनतम संख्या जोड़ी जाए कि ऐसी संख्या प्राप्त हो जो 87 से पूरी तरह विभाज्य हो ?

Options:

1) 18

2) 43

3) 54

4) 69

Correct Answer: 69

Candidate Answer: 69

Question 63. Two numbers are in the ratio 3:5. If 6 is added to both of them, the ratio becomes 2:3. The numbers are

2 संख्याएँ 3:5 के अनुपात में हैं। यदि उन दोनों में 6 जोड़ दिया जाए तो अनुपात 2:3 हो जाता है। वे संख्याएँ क्या हैं ?

Options:

1) 21 and 35

21 और 35

2) 30 and 50

30 और 50

3) 24 and 40

24 और 40

4) 18 and 30

18 और 30

Correct Answer: 18 and 30

18 और 30

Candidate Answer: 18 and 30

18 और 30

Question 64. The average weight of 10 parcels is 1.7 kg. Addition of another new parcel reduces the average weight by 60 gram. What is the weight, in kg, of the new parcel?

10 पार्सलों का औसत वजन 1.7 कि.ग्रा. है। एक नया पार्सल मिलाने पर औसत वजन 60 ग्राम कम हो जाता है। नए पार्सल का वजन कितना कि.ग्रा. है ?

Options:

1) 1.04

2) 1.08

3) 1.4

4) 1.8

Correct Answer: 1.04

Candidate Answer: [NOT ANSWERED]

Question 65.

If $x = 999$, $y = 1000$, $z = 1001$, then the value of $\frac{x^3+y^3+z^3-3xyz}{x-y+z}$ is

यदि $x = 999$, $y = 1000$, $z = 1001$, तो $\frac{x^3+y^3+z^3-3xyz}{x-y+z}$ का मान क्या है ?

Options:

1) 1000

2) 9000

3) 1

4) 9

Correct Answer: 9

Candidate Answer: 9

Question 66.

If $\frac{a}{1-2a} + \frac{b}{1-2b} + \frac{c}{1-2c} = \frac{1}{2}$, Then the value $\frac{1}{1-2a} + \frac{1}{1-2b} + \frac{1}{1-2c}$ is?

यदि $\frac{a}{1-2a} + \frac{b}{1-2b} + \frac{c}{1-2c} = \frac{1}{2}$, तो $\frac{1}{1-2a} + \frac{1}{1-2b} + \frac{1}{1-2c}$ का मान क्या है?

Options:

1) 1

2) 2

3) 3

4) 4

Correct Answer: 4

Candidate Answer: [NOT ANSWERED]

Question 67. In an isosceles triangle $\triangle ABC$, $AB = AC$ and $\angle A = 80^\circ$. The bisector of $\angle B$ and $\angle C$ meet at D . The $\angle BDC$ is equal to

एक समद्विबाहु त्रिभुज $\triangle ABC$ में, $AB = AC$ और $\angle A = 80^\circ$ तथा $\angle B$ और $\angle C$ के द्विभाजक D पर मिलते हैं। $\angle BDC$ किसके बराबर है ?

Options:

1) 90°

2) 100°

3) 130°

4) 80°

Correct Answer: 130°

Candidate Answer: 130°

Question 68. The length of a chord which is at a distance of 12 cm from the centre of a circle of radius 13 cm is

13 से.मी. की त्रिज्या वाले वृत्त के केन्द्र से 12 से.मी. की दूरी पर जीवा की लंबाई कितनी है ?

Options:

1) 10 cm

10 से.मी.

2) 5 cm

5 से.मी.

3) 6 cm

6 से.मी.

4) 12 cm

12 से.मी.

Correct Answer: 10 cm

10 से.मी.

Candidate Answer: 10 cm

10 से.मी.

Question 69. If θ is positive acute angle and $7\cos^2\theta + 3\sin^2\theta = 4$, then the value of θ is

यदि θ धनात्मक न्यून कोण है और $7\cos^2\theta + 3\sin^2\theta = 4$, तो θ का मान क्या है ?

Options:

1) 60°

2) 30°

3) 45°

4) 90°

Correct Answer: 60°

Candidate Answer: 60°

Question 70. Radius of cross section of a solid right circular cylindrical rod is 3.2 dm. The rod is melted and 44 equal solid cubes of side 8 cm are formed. The length of the rod is (Take $\pi = 22/7$)

एक लम्ब वृत्तीय बेलनाकार छड़ के अनुप्रस्थ काट की त्रिज्या 3.2 dm. है। छड़ को गलाकर 8 सेमी. वाले बराबर-बराबर के 44 ठोस घन बनाए जाते हैं। छड़ की लंबाई कितनी है ?

(माना $\pi = 22/7$)

Options:

- 1) 56 cm
56 से.मी.
- 2) 7 cm
7 से.मी.
- 3) 5.6 cm
5.6 से.मी.
- 4) 0.7 cm
0.7 से.मी.

Correct Answer: 7 cm
7 से.मी.

Candidate Answer: 7 cm
7 से.मी.

Question 71. The angles of elevation of the top of a tower from two points at a distance of 4 m and 9 m from the base of the tower and in the same straight line with it are complementary. The height of the tower is

एक टावर के तल से 4 मी. और 9 मी. की दूरी पर एक सीधी रेखा पर दो बिंदुओं से टॉवर के शीर्ष के उन्नयन कोण पूरक है। टावर की ऊँचाई कितनी है ?

Options:

1) 4 m

4 मी.

2) 7 m

7 मी.

3) 9 m

9 मी.

4) 6 m

6 मी.

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Correct Answer: 6 m

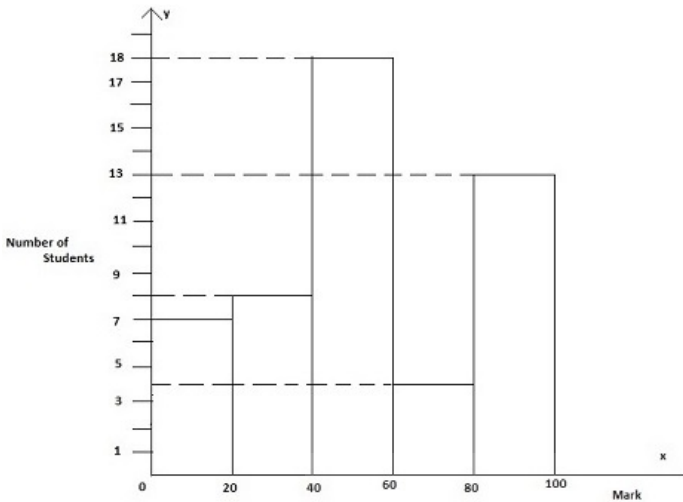
6 मी.

Candidate Answer: 6 m

6 मी.

Question 72. Study the histogram of marks (in Mathematics) distribution of 50 students of class IX and answer the following questions.

कक्षा IX के 50 छात्रों के अंक वितरण के हिस्ट्रोग्राम का अध्ययन कीजिए और निम्नलिखित प्रश्नों के उत्तर दीजिये ।



The number of students who have secured marks less than 60 is

60 से कम अंक प्राप्त करने वाले छात्रों की संख्या कितनी है ?

Options:

1) 12

2) 15

3) 33

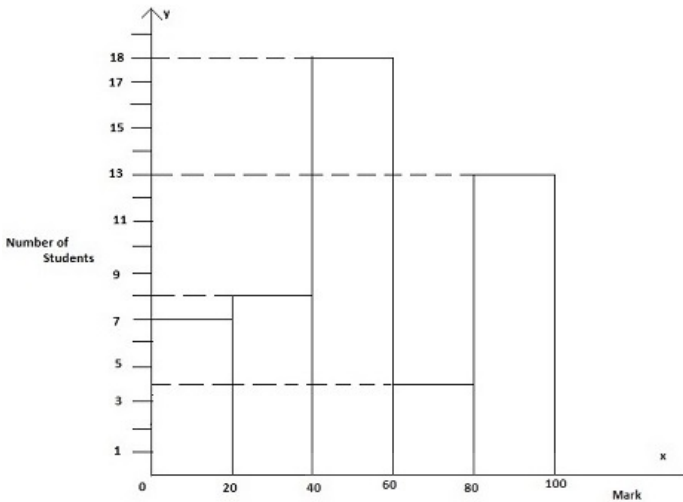
4) 7

Correct Answer: 33

Candidate Answer: 15

Question 73. Study the histogram of marks (in Mathematics) distribution of 50 students of class IX and answer the following questions.

कक्षा IX के 50 छात्रों के अंक वितरण के हिस्ट्रोग्राम का अध्ययन कीजिए और निम्नलिखित प्रश्नों के उत्तर दीजिये ।



The average marks of the students are

छात्रों के औसत अंक कितने है ?

Options:

1) 53.2

2) 45.5

3) 60.2

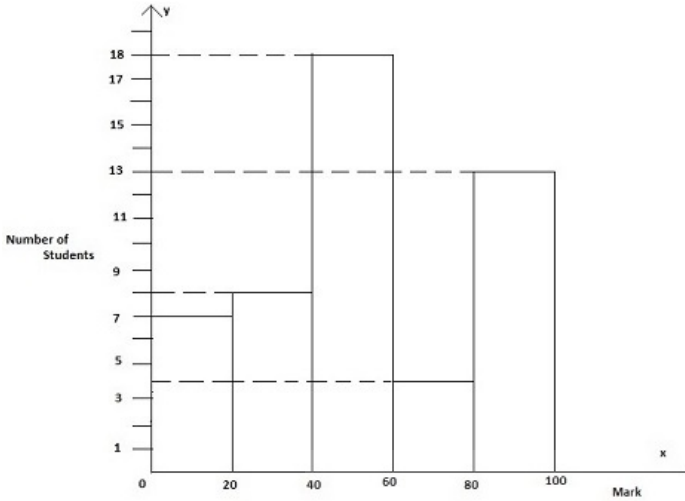
4) 55.5

Correct Answer: 53.2

Candidate Answer: 53.2

Question 74. Study the histogram of marks (in Mathematics) distribution of 50 students of class IX and answer the following questions.

कक्षा IX के 50 छात्रों के अंक वितरण के हिस्ट्रोग्राम का अध्ययन कीजिए और निम्नलिखित प्रश्नों के उत्तर दीजिये ।



The number of students who have scored between 39 and 80 is

39 और 80 के बीच अंक प्राप्त करने वाले छात्रों की संख्या कितनी है ?

Options:

1) 22

2) 18

3) 37

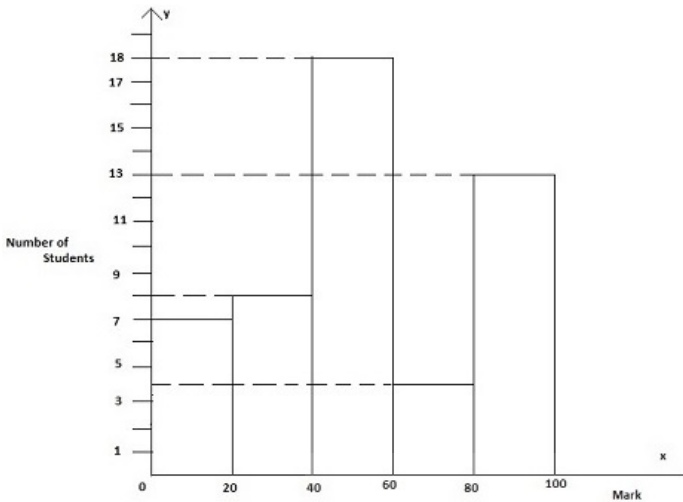
4) 15

Correct Answer: 22

Candidate Answer: 18

Question 75. Study the histogram of marks (in Mathematics) distribution of 50 students of class IX and answer the following questions.

कक्षा IX के 50 छात्रों के अंक वितरण के हिस्ट्रोग्राम का अध्ययन कीजिए और निम्नलिखित प्रश्नों के उत्तर दीजिये ।



Percentage of students who have secured marks more than 59 is

59 से अधिक अंक प्राप्त करने वाले छात्रों का प्रतिशत कितना है ?

Options:

1) 13

2) 17

3) 34

4) 26

Correct Answer: 34

Candidate Answer: [NOT ANSWERED]

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.

EMANCIPATE

Options:

- 1) LIFT
- 2) RISE
- 3) RAISE
- 4) LIBERATE

Correct Answer: LIBERATE

Candidate Answer: LIBERATE

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.

TREACHERY

Options:

- 1) BETRAYAL
- 2) MULING
- 3) LOYALTY
- 4) REBELLION

Correct Answer: LOYALTY

Candidate Answer: LOYALTY

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) Ajournment
- 2) Adjournmant
- 3) Ajornment
- 4) Adjournment

Correct Answer: Adjournment

Candidate Answer: Adjournment

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.

Some of the richest (A) / business magnate (B) / live in Mumbai. (C) / No Error (D)

Options:

- 1) A
- 2) B
- 3) C
- 4) D

Correct Answer: B

Candidate Answer: A

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.

This is an urgent (A) / matter which may admit (B) / of few delays. (C) / No error (D)

Options:

- 1) A
- 2) B
- 3) C
- 4) D

Correct Answer: C

Candidate Answer: C

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.

Outside, the rain beats down (A) / in floods and the sea gives forth (B) / a sound like an alarm bells. (C) / No error (D)

Options:

- 1) A
- 2) B
- 3) C
- 4) D

Correct Answer: C

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.

I hope you know that, once you have signed the contract, you will not be able to _____ .

Options:

- 1) back in
- 2) back out
- 3) back up
- 4) back at

Correct Answer: back out

Candidate Answer: back out

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.

Your opening paragraph should _____ the reader's attention.

Options:

- 1) attest
- 2) address
- 3) attract
- 4) affect

Correct Answer: attract

Candidate Answer: attract

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.

When I visited him last evening we talked the matter

_____ .

Options:

- 1) through
- 2) away
- 3) off
- 4) over

Correct Answer: over

Candidate Answer: through

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.

A Man of letters

Options:

- 1) Letter - writer
- 2) Proof - reader
- 3) Postman
- 4) Scholar

Correct Answer: Scholar

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.

Under a cloud

Options:

- 1) Shocked
- 2) Sad
- 3) Sick
- 4) Confused

Correct Answer: Sad

Candidate Answer: Confused

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.

Bear in mind

Options:

- 1) Respect
- 2) Observe
- 3) Remember
- 4) Pretend to listen

Correct Answer: Remember

Candidate Answer: Remember

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.

Chief of a group of workmen.

Options:

- 1) Chieftain
- 2) Engineer
- 3) Foreman
- 4) Middleman

Correct Answer: Foreman

Candidate Answer: Foreman

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.

Bitter quarrel between two families existing for a long period.

Options:

- 1) Siege
- 2) Feud
- 3) Battle
- 4) War

Correct Answer: Feud

Candidate Answer: Feud

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.

Animals without a backbone.

Options:

- 1) Marsupials
- 2) Mammals
- 3) Vertebrate
- 4) Invertebrates

Correct Answer: Invertebrates

Candidate Answer: Invertebrates

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".

Can you be able to please tone down your excitement?

Options:

- 1) Can you please be able to tone down your excitement?
- 2) Are you able to please tone down your excitement?
- 3) Can you please tone down your excitement?
- 4) No improvement

Correct Answer: Can you please tone down your excitement?

Candidate Answer: Can you please tone down your excitement?

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".

Uneasy lies the head which wears the crown

Options:

- 1) who
- 2) that
- 3) what
- 4) No improvement

Correct Answer: that

Candidate Answer: who

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".

The cities are bursting on the seams with people.

Options:

- 1) bursting on seams
- 2) bursting at seams
- 3) bursting at the seams
- 4) No improvement

Correct Answer: bursting at the seams

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".

Let his failure be a lesson to you all.

Options:

- 1) to all of you
- 2) to all you people
- 3) to all you
- 4) No improvement

Correct Answer: to all of you

Candidate Answer: to all of you

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".

A foolish person is some one who is easily taken-in and tricked by others.

Options:

- 1) sober
- 2) stupid
- 3) gullible
- 4) No improvement

Correct Answer: gullible Downloaded from www.qmaths.in

Candidate Answer: gullible

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.

Modern civilisation is completely dependent on energy, which has therefore to be abundant and also economical. About 85% of the world's energy is supplied by oil, coal and natural gas while nuclear, hydro, wind and solar power and biomass supply the rest. Coal, nuclear and hydro are used primarily to generate electricity while natural gas is widely used for heating. Biomass is used both for heating and cooking. The wind and solar power is the future's hope as they are sustainable energy sources. Oil powers almost all machines that move and that makes oil uniquely versatile. Oil powered airplanes carry 500 people across the widest oceans at nearly the speed of sound. Oil powered machines produce and transport food. Oil powered machines are ubiquitous. Clearly, we live in the age of oil but it is drawing to a close. According to data available if oil production remains constant until it's gone, there is enough to last 42 years. Oil wells will produce less as they become depleted, which will make it impossible to keep production constant. Similarly natural gas and coal will last another 61 years and 133 years respectively. Naturally, as they become scarce, they become expensive, leading to a worldwide energy crisis. If we are to survive on this planet, we have to make a transition to sustainable energy sources. The transition

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may be willy-nilly or planned - the choice is ours.

The dawning era of limited and expensive energy will be very difficult for everyone on earth but will be even more difficult if it is not anticipated. It is of utmost importance that the public and policymakers understand the global energy crisis and act in tandem to ensure that the species 'homo sapiens' does not become extinct.

The theme of the passage is

Options:

- 1) Changing Lives
- 2) Looming Energy Crisis
- 3) Energy Resources
- 4) Power in Today's world

Correct Answer: Looming Energy Crisis

Candidate Answer: Looming Energy Crisis

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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.

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Oil powers almost all machines that move and that makes oil uniquely versatile. Oil powered airplanes carry 500 people across the widest oceans at nearly the speed of sound. Oil powered machines produce and transport food. Oil powered machines are ubiquitous. Clearly, we live in the age of oil but it is drawing to a close. According to data available if oil production remains constant until it's gone, there is enough to last 42 years. Oil wells will produce less as they become depleted, which will make it impossible to keep production constant. Similarly natural gas and coal will last another 61 years and 133 years respectively. Naturally, as they become scarce, they become expensive, leading to a worldwide energy crisis. If we are to survive on this planet, we have to make a transition to sustainable energy sources. The transition may be willy-nilly or planned - the choice is ours.

The dawning era of limited and expensive energy will be very difficult for everyone on earth but will be even more difficult if it is not anticipated. It is of utmost importance that the public and policymakers understand the global energy crisis and act in tandem to ensure that the species 'homo sapiens' does not become extinct.

Biomass is an energy source used in

Options:

- 1) agriculture
- 2) industry
- 3) homes
- 4) offices

Correct Answer: homes

Candidate Answer: homes

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.

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The dawning era of limited and expensive energy will be very difficult for everyone on earth but will be even more difficult if it is not anticipated. It is of utmost importance that the public and policymakers understand the global energy crisis and act in tandem to ensure that the species 'homo sapiens' does not become extinct.

The synonym for Ubiquitous is

Options:

- 1) Omnipotent
- 2) Omnifarious
- 3) Omniscient
- 4) Omnipresent

Correct Answer: Omnipresent

Candidate Answer: Omnipresent

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.

Modern civilisation is completely dependent on energy, which has therefore to be abundant and also economical. About 85% of the world's energy is supplied by oil, coal and natural gas while nuclear, hydro, wind and solar power and biomass supply the rest. Coal, nuclear and hydro are used primarily to generate electricity while natural gas is widely used for heating. Biomass is used both for heating and cooking. The wind and solar power is the future's hope as they are sustainable energy sources. Oil powers almost all machines that move and that makes oil uniquely versatile. Oil powered airplanes carry 500

people across the widest oceans at nearly the speed of sound. Oil powered machines produce and transport food. Oil powered machines are ubiquitous. Clearly, we live in the age of oil but it is drawing to a close. According to data available if oil production remains constant until it's gone, there is enough to last 42 years. Oil wells will produce less as they become depleted, which will make it impossible to keep production constant. Similarly natural gas and coal will last another 61 years and 133 years respectively. Naturally, as they become scarce, they become expensive, leading to a worldwide energy crisis. If we are to survive on this planet, we have to make a transition to sustainable energy sources. The transition may be willy-nilly or planned - the choice is ours.

The dawning era of limited and expensive energy will be very difficult for everyone on earth but will be even more difficult if it is not anticipated. It is of utmost importance that the public and policymakers understand the global energy crisis and act in tandem to ensure that the species 'homo sapiens' does not become extinct.

The energy sources of the future are

Options:

- 1) nuclear and hydro power
- 2) coal and natural gas
- 3) wind and solar power
- 4) oil and biomass

Correct Answer: wind and solar power

Candidate Answer: wind and solar power

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difficult if it is not anticipated. It is of utmost importance that the public and policymakers understand the global energy crisis and act in tandem to ensure that the species 'homo sapiens' does not become extinct.

The survival of mankind will depend on

Options:

- 1) maximum use of available energy resources
- 2) transition to sustainable energy resources
- 3) regulation placed on energy consumers
- 4) keeping the level of energy production constant

Correct Answer: transition to sustainable energy resources

Candidate Answer: transition to sustainable energy resources

