SSC CGL 2017 EXAM PAPER : Held on 21-AUG-2017 Shift-1

(Reasoning)

QID : 1 - Select the related word from the given alternatives.

Cow : Calf :: Hen : ?

Options:

1) Chick

2) Cock

3) Egg

4) Fly

Correct Answer: Chick

QID : 2 - Select the related letters from the given alternatives.

DHL : AEI :: QUY : ?

Options:

1) MQU

2) NRV

3) OSW

4) PTX

Correct Answer: NRV

QID : 3 - Select the related number from the given alternatives.

0.5 : 2 :: 0.125 : ?

Options:

1) 6

2) 16

3) 8

4) 12

Correct Answer: 8

QID : 4 - Select the odd word from the given alternatives.

Options:

1) Book

2) Page

3) Pen

4) Diary

Correct Answer: Pen

QID : 5 - Select the odd letters from the given alternatives.

Options:

1) EGI

2) MOQ

3) UWY

4) NLJ

Correct Answer: NLJ

QID : 6 - Select the odd number from the given alternatives.

Options:

1) 47

2) 41

3) 59

4) 63

Correct Answer: 63

QID : 7 - A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series as per dictionary.

?, Lifelike, Lifeline, Lifelong

Options:

1) Lifeless

2) Lifespan

3) Lifelost

4) Lifework

Correct Answer: Lifeless

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

B, C, E, H, L, ?

Options:

1) Q

2) N

3) O

4) P

Correct Answer: Q

QID : 9 - A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

-4, ?, 3, 8, 14, 21

Options:

1) 0

2) 1

3) -2

4) -1

Correct Answer: -1

QID : 10 - Meetu's birthday is on Wednesday 8th March. On what day of the week will be Ritu's Birthday in the same year if Ritu was born on 10th July?

Options:

1) Monday

2) Wednesday

3) Friday

4) Saturday

Correct Answer: Monday

QID : 11 - The weights of 4 boxes are 30, 40, 50 and 80 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes and in a combination a box can be used only once?

Options:

1) 120

2) 110

3) 100

4) 130

Correct Answer: 100

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

DUPLICATE

Options:

1) PLATE

2) DUCTILE

3) LUCID

4) TEAM

Correct Answer: TEAM

QID : 13 - If PRIMATE is coded as MOFJXQB, then how will COW be coded as?

Options:

1) ZLT

2) EDC

3) RFV

4) TGB

Correct Answer: ZLT

QID : 14 - In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

11 + 50 - 150 ÷ 200 = ?

Options:

1) 200

2) 500

3) 250

4) 50

Correct Answer: 500

QID : 15 - If 7x1=12; 5x4=2; 6x4=4; then what is the value of 7x4 = ?

Options:

1) 8

2) 6

3) 11

4) 28

Correct Answer: 6

QID : 16 -

Select the missing number from the given responses:

दिए गए विकल्पों में से लुप्त संख्या चुनिए।

18	90	5
13	143	11
7	?	5

Options:

1) 12

2) 2

3) 53

4) 35

Correct Answer: 35

QID : 17 - A man cycles 7 km East, then turns South and cycles 12 km, then turns West and cycles 7 km, then turns to his left and cycles 10 km. Where is he now with reference to his starting position?

Options:

1) 22 Kms South

2) 2 Kms South

3) 22 Kms East

4) 2 Kms East

Correct Answer: 22 Kms South

QID : 18 - In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements 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, follows from the given statements.

Statement 1 : All steel is iron.

Statement 2 : No iron is solid.

Conclusion I : No steel is solid.

Conclusion II : Some iron is steel.

Options:

1) Only conclusion I follows

2) Only conclusion II follows

3) Both I and II follow

4) Neither I nor II follows

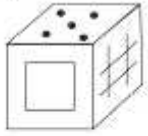**Correct Answer: Both I and II follow**

QID : 19 -

Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

निम्नलिखित उत्तर आकृति में से कौन सा घन दिए गए प्रश्न आकृति में से खुले घन से बनाया नहीं जा सकता?
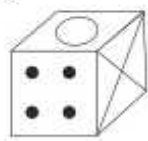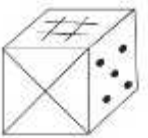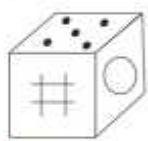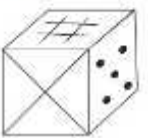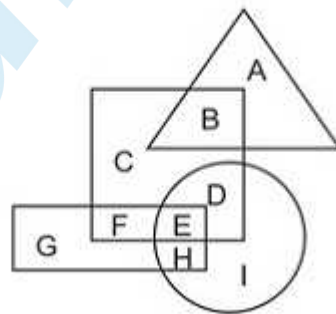
Options:
1)

2)

3)

4)
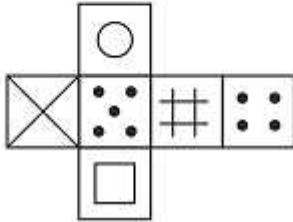
Correct Answer:

QID : 20 -

In the following figure, square represents athletes, triangle represents engineers, circle represents fathers and rectangle represents entrepreneurs. Which set of letters represents athletes who are either entrepreneurs or fathers?

निम्नलिखित आकृति में, वर्ग एथलीट्स को दर्शाता है, त्रिभुज इंजीनियर्स को दर्शाता है, वृत्त पिताओं को दर्शाता है और आयत उद्यमियों को दर्शाता है। अक्षरों का कौन सा समूह उन एथलीट्स को दर्शाता है जो या तो उद्यमी हैं या पिता हैं?

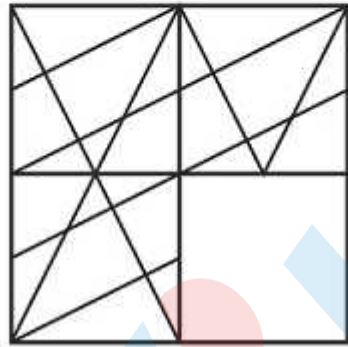**Options:**

1) F,E,D

2) D,E,F,G,H,I

3) G,H,I

4) E,H

Correct Answer: F,E,D

QID : 21 -

Which answer figure will complete
the pattern in the question figure?
निम्नलिखित में से कौन-सी उत्तर आकृति प्रश्न
आकृति के प्रतिरूप को पूरा करेगी?

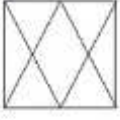**Options:**

1)

2)

3)

4)

Correct Answer:

QID : 22 -

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

दी गई उत्तर आकृतियों में से उस आकृति को चुनिए जिसमें प्रश्न आकृति निहित है|

Options:

1)

2)

3)

4)
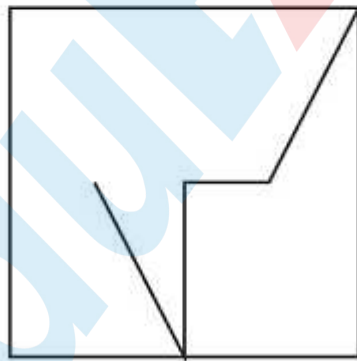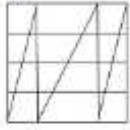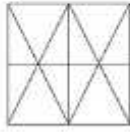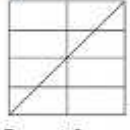
Correct Answer:
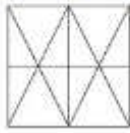
QID : 23 -

A piece of paper is folded and punched 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 उसमें छेद करने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?

Options:

1)

2)

3)

4)
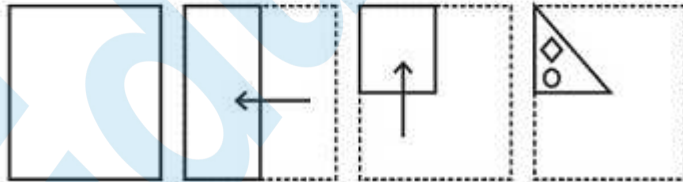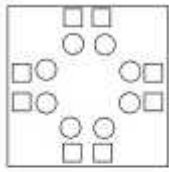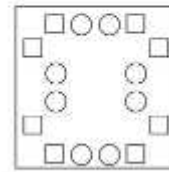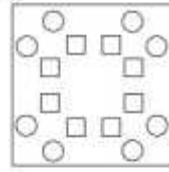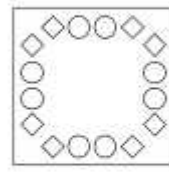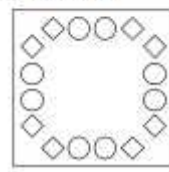
Correct Answer:

QID : 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)
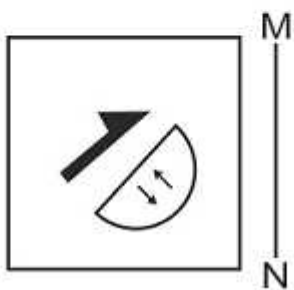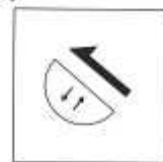
Correct Answer:

QID : 25 -

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 shown in the given two matrices. 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, for example 'Y' can be represented by 55, 87 etc and 'Z' can be represented by 14, 01 etc. Similarly, you have to identify the set for the word 'VERY'.

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। आव्यूह-I के स्तम्भ और पंक्ति की संख्या 0 से 4 और आव्यूह-II की 5 से 9 है। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'Y' को 55, 87 आदि द्वारा दर्शाया जा सकता है तथा 'Z' को 14, 01 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'VERY' के लिए समूह को पहचानना है।

| Matrix I आव्यूह - I					
	0	1	2	3	4
0	W	Z	G	T	D
1	S	R	W	G	Z
2	X	F	S	D	E
3	Q	V	C	S	F
4	A	T	Q	Q	A

Matrix II आव्यूह - II					
	5	6	7	8	9
5	Y	N	L	I	Y
6	H	I	P	J	I
7	B	K	O	N	O
8	U	M	Y	B	P
9	J	O	H	L	K

Options:

1) 01,43,21,78

2) 31,24,11,87

3) 11,20,66,85

4) 88,56,43,20

Correct Answer: 31,24,11,87

SSC CGL 2017 EXAM PAPER : Held on 21-AUG-2017 Shift-1

(General Awareness)

QID : 26 - The demand for a inferior good decreases with _____ in the consumer's income.

Options:

1) increase

2) decrease

3) constant

4) double

Correct Answer: increase

QID : 27 - Goods for which the quantity that a consumer chooses, increases as the consumer's income increases and decreases as the income decreases are called?

Options:

1) Inferior goods

2) Normal goods

3) Complementary goods

4) Substitute goods

Correct Answer: Normal goods

QID : 28 - "Prevention of cruelty to animals" is listed in the _____ list given in the Seventh Schedule in the Constitution of India.

Options:

1) Union

2) State

3) Global

4) Concurrent

Correct Answer: Concurrent

QID : 29 - _____ makes laws on matters included in Union List and Concurrent List.

Options:

1) Lok Sabha

2) Ministry of Defence

3) Prime Minister's Office

4) Securities and Exchange Board of India

Correct Answer: Lok Sabha

QID : 30 - According to the categories of land mentioned in the Chola inscriptions _____ was known as the land for the maintenance of schools?

Options:

1) Vellanvagai

2) Brahmadeya

3) Shalabhoga

4) Devadana

Correct Answer: Shalabhoga

QID : 31 - Prince Salim was the name of the future Emperor _____.

Options:

1) Babur

2) Humayun

3) Jahangir

4) Akbar

Correct Answer: Jahangir

QID : 32 - _____ is the breaking up of the rocks on the earth's surface.

Options:

1) Erosion

2) Weathering

3) Attrition

4) Abrasion

Correct Answer: Weathering

QID : 33 - The method of soil conservation in the coastal and dry regions where rows of trees are planted to check the wind movement to protect soil cover is called?

Options:

1) Mulching

2) Contour barriers

3) Rock dam

4) Shelter belts

Correct Answer: Shelter belts

QID : 34 - Biological names are generally derived from which language?

Options:

1) French

2) Latin

3) Mexican

4) German

Correct Answer: Latin

QID : 35 - The members of rhodophyceae are commonly called _____ algae.

Options:

1) Green

2) Brown

3) Red

4) Yellow

Correct Answer: Red

QID : 36 - Aurelia (Medusa) and Adamsia (Polyp) are examples of which Phylum?

Options:

1) Ctenophora

2) Annelida

3) Coelenterata

4) Aschelminthes

Correct Answer: Coelenterata

QID : 37 - Energy in the form of heat is wasted when a machine is operated. This heat is generated due to _____.

Options:

1) burning

2) friction

3) combustion

4) lubrication

Correct Answer: friction

QID : 38 - The incident ray, the _____ at the point of incidence and the reflected ray all lie in the same plane.

Options:

1) surface

2) tangent

3) normal

4) angle of reflection

Correct Answer: normal

QID : 39 - In Microsoft Word, _____ allows us to move selected paragraphs to the right.

Options:

1) Decrease Indent

2) Increase Indent

3) Double Indent

4) Single Indent

Correct Answer: Increase Indent

QID : 40 - Blue Vitriol is another name for which of the following?

Options:

1) Copper Sulphate

2) Oxygen

3) Copper

4) Magnesium Oxide

Correct Answer: Copper Sulphate

QID : 41 - The rubbing surface of a matchbox has powdered glass and a little red _____.

Options:

1) antimony

2) arsenic

3) silicon

4) phosphorus

Correct Answer: phosphorus

QID : 42 - A few organisms can tolerate and thrive in a wide range of temperatures. Such organisms are called _____.

Options:

1) Osmotic

2) Eurythermal

3) Stenothermal

4) Hydrothermal

Correct Answer: Eurythermal

QID : 43 - _____ scheme by the Central Government will strengthen the bond between all the states, regions, and districts of India.

Options:

1) Uday Desh Ka Aam Nagrik

2) Urja Ganga

3) Ek Bharat Shrestha Bharat

4) Namami Ganga Yojana

Correct Answer: Ek Bharat Shrestha Bharat

QID : 44 - Who invented Velcro?

Options:

1) Thomas Edison

2) William Harvey

3) George de Mestral

4) Robert Boyles

Correct Answer: George de Mestral

QID : 45 - Which nation will host the FIFA Men's World Cup to be held in the year 2018?

Options:

1) Japan

2) South Korea

3) China

4) Russia

Correct Answer: Russia

QID : 46 - Charminar was built by?

Options:

1) Humayun

2) Mohammed Quli Qutab Shah

3) Ashoka

4) Narasimha

Correct Answer: Mohammed Quli Qutab Shah

QID : 47 - Which of the following is an Indian military decoration awarded for valour, courageous action or self-sacrifice away from the battlefield?

Options:

1) Ashok Chakra

2) Dada Saheb Phalke Awards

3) Arjuna Award

4) Padma Shri

Correct Answer: Ashok Chakra

QID : 48 - Which of the statements given below are correct?

1. The author of the novel 'Accelerando' is Charles Stross.

2. The author of the novel 'The Windup Girl' is Paolo Bacigalupi.

3. The author of the novel 'The Devil in Silver' is Josh Malerman.

Options:

1) 1 and 2

2) 2 and 3

3) 1 and 3

4) 1, 2 and 3

Correct Answer: 1 and 2

QID : 49 - In March 2017, in which country was "world's largest artificial sun" switched on?

Options:

1) China

2) USA

3) Germany

4) Russia

Correct Answer: Germany

QID : 50 - With which other country does Bangladesh share its border besides India?

Options:

1) China

2) Laos

3) Bhutan

4) Myanmar

Correct Answer: Myanmar

SSC CGL 2017 EXAM PAPER : Held on 21-AUG-2017 Shift-1 (Mathematics)

QID : 51 - What least number must be added to 329, so that the sum is completely divisible by 7?

Options:

1) 1
2) 0
3) 2
4) 3

Correct Answer: 0

QID : 52 - A can do a work in 15 days and B in 30 days. If they work on it together, then in how many days will they be able to do 50% of the work?

Options:

1) 5
2) 6
3) 4
4) 3

Correct Answer: 5

QID : 53 - What is the area (in sq cm) of an equilateral triangle of side 10 cm?

Options:

1) 25 3
2) 50 3
3) 75 3
4) 10 3

Correct Answer: 25 3

QID : 54 - What is the effective discount (in %) on two successive discounts of 15% and 50%?

Options:

1) 65
2) 57.5
3) 35
4) 42.5

Correct Answer: 57.5

QID : 55 - Profit of Rs 42,500 has to be divided between three partners A, B and C in the ratio 3:5:9. How much (in Rs) does A get?

Options:

1) 12500
2) 9500
3) 22500
4) 7500

Correct Answer: 7500

QID : 56 - The average weight of A, B and C is 49 kg. If the average weight of A and B is 35 kg and that of B and C is 62 kg, then the weight of B (in kgs) is?

Options:

1) 47
2) 45
3) 43
4) 49

Correct Answer: 47

QID : 57 - A shopkeeper by selling 6 items, earns a profit equal to the selling price of 1 item. What is his profit percentage?

Options:

1) 20

2) 25
3) 30
4) 35

Correct Answer: 20

QID : 58 - What is the value of 125% of 25% of 80?

Options:

1) 50
2) 25
3) 20
4) 40

Correct Answer: 25

QID : 59 - To cover a distance of 81 km in 1.5 hours what should be the average speed of the car in meters/second?

Options:

1) 10
2) 15
3) 12
4) 9

Correct Answer: 15

QID : 60 - In 4 years at simple interest the principal increases by 32%. What will be the compound interest earned (in Rs) on Rs. 24,000 in 3 years at the same rate?

Options:

1) 5233
2) 6332
3) 5332
4) 6233

Correct Answer: 6233

QID : 61 - If 5/2(8x/3 - 1/2) + 13/2 = 2x/3, then what is the value of x?

Options:

1) 7/8
2) 8/7
3) -8/7
4) -7/8

Correct Answer: -7/8

QID : 62 - If $a^3 + b^3 = 72$ and $ab = 8$, then what is the value of $a + b$?

Options:

1) 2
2) 5
3) 6
4) 3

Correct Answer: 6

QID : 63 - Sum of four times a fraction and 7 times its reciprocal is 16. What is the fraction?

Options:

1) 2/7
2) 7/2
3) 4/7
4) 7/4

Correct Answer: 7/2

QID : 64 - What is the sum of the first 11 terms of an arithmetic progression if the 3rd term is -1 and the 8th term is 19?

Options:

1) 204
2) 99
3) 225
4) 104

Correct Answer: 99

QID : 65 - What is the reflection of the point (-3, 2) in the line x = -2?

Options:

1) (-3 , -6)
2) (1 , 2)
3) (-3 , 6)
4) (-1 , 2)

Correct Answer: (-1 , 2)

QID : 66 - Point P is the midpoint of segment AB. Co-ordinates of P are (1 , 3) and A are (-3 , 8). What are the co-ordinates of point B?

Options:

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

Correct Answer: (5 , -2)

QID : 67 - What is the slope of the line perpendicular to the line passing through the points (3 , -2) and (4 , 2)?

Options:

1) 1/4
2) 4
3) -4
4) -1/4

Correct Answer: -1/4

QID : 68 -   ABC is similar to   PQR. If ratio of perimeters of   ABC and   PQR is 3:7 and if PQ = 21 cm, then the length of AB (in cm) is?

Options:

1) 6
2) 14
3) 9
4) 18

Correct Answer: 9

QID : 69 - What is the value of 2 Sec 45° + Tan 30° ?

Options:

1) (2 6 + 1)/ 3
2)   3
3) (2 2 + 3)/ 6
4) (9 + 2 3)/9

Correct Answer: (2 6 + 1)/ 3

QID : 70 -   ABC is right angled at B. If m∠A = 60°, then what is the value of Cot C?

Options:

1)   2

2) 1/ 3
3)   3
4) 2/ 3

Correct Answer: 3

QID : 71 - If Cosec   = 25/7 , then what is the value of Cos   ?

Options:

1) 25/24
2) 7/24
3) 24/25
4) 7/25

Correct Answer: 24/25

QID : 72 -

The pie chart shows the votes in 1000s polled in favour of six candidates (A, B, C, D, E, F) contesting for a particular seat. Study the diagram and answer the following questions.

पाई चार्ट एक सीट के लिए चुनाव लड़ रहे छह उम्मीदवारों (A, B, C, D, E, F) के पक्ष में मिले वोट (हज़ारों में) दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।
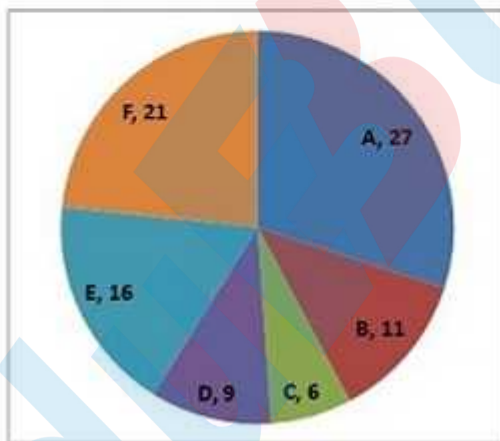
If Candidate A is disqualified then which candidate will be declared the winner?

Options:

1) E
2) B
3) F

4) D

Correct Answer: F

QID : 73 -

The pie chart shows the votes in 1000s polled in favour of six candidates (A, B, C, D, E, F) contesting for a particular seat. Study the diagram and answer the following questions.

पाई चार्ट एक सीट के लिए चुनाव लड़ रहे छह उम्मीदवारों (A, B, C, D, E, F) के पक्ष में मिले वोट (हज़ारों में) दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।

The winning candidate got how many more votes than the one who came second?

Options:
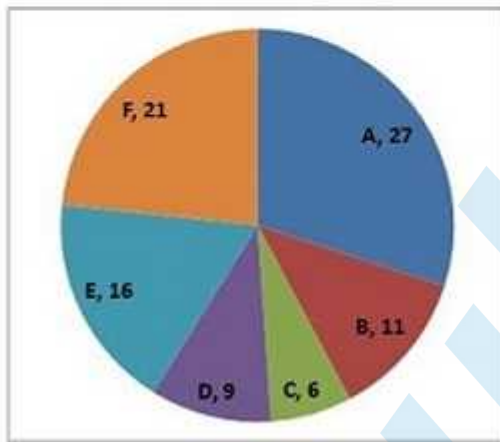
1) 6000
2) 5000
3) 11000
4) 7000

Correct Answer: 6000

QID : 74 -

The pie chart shows the votes in 1000s polled in favour of six candidates (A, B, C, D, E, F) contesting for a particular seat. Study the diagram and answer the following questions.

पाई चार्ट एक सीट के लिए चुनाव लड़ रहे छह उम्मीदवारों (A, B, C, D, E, F) के पक्ष में मिले वोट (हज़ारों में) दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।
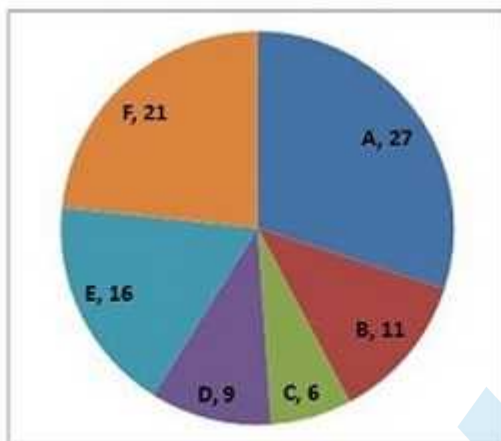
Analysts believe that if candidate E had not stood in the fray then votes that he got would have been equally divided between F and C, then what would have been the result?

Options:

1) A would have lost by 1000 votes
2) F would have won by 2000 votes
3) F would have lost by 2000 votes
4) A would have won by 1000 votes

Correct Answer: F would have won by 2000 votes

QID : 75 -

The pie chart shows the votes in 1000s polled in favour of six candidates (A, B, C, D, E, F) contesting for a particular seat. Study the diagram and answer the following questions.

पाई चार्ट एक सीट के लिए चुनाव लड़ रहे छह उम्मीदवारों (A, B, C, D, E, F) के पक्ष में मिले वोट (हज़ारों में) दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।
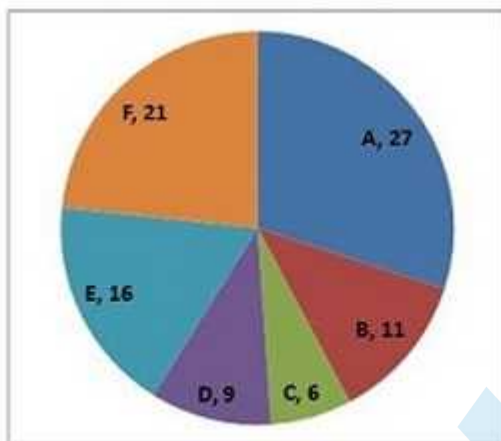
If voting attendance was 60% then how many names must be there in the voter list?

Options:

1) 225000
2) 90000
3) 144000
4) 150000

Correct Answer: 150000

SSC CGL 2017 EXAM PAPER : Held on 21-AUG-2017 Shift-1

(English Comprehension)

QID : 76 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

A slow smile worked (1)/ its way cross his (2)/ face and into his eyes. (3)/No Error (4)

Options:

1) 1

2) 2

3) 3

4) 4

Correct Answer: 2

QID : 77 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

His expression gave no (1)/ clue of what was going (2)/ on among his head. (3)/ No Error (4)

Options:

1) 1

2) 2

3) 3

4) 4

Correct Answer: 3

QID : 78 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

After being given _____ warnings for disrupting class, Thomas was finally sent to the principal's office.

Options:

1) singular

2) lone

3) numerous

4) unique

Correct Answer: numerous

QID : 79 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

The _____ "pretty ugly" implies that a person can be both attractive and unattractive at the same time.

Options:

1) simile

2) metaphor

3) alliteration

4) oxymoron

Correct Answer: oxymoron

QID : 80 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Cynicism

Options:

1) Conviction

2) Bitterness

3) Credence

4) Intuetion

Correct Answer: Bitterness

QID : 81 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Pinnacle

Options:

1) Culmination

2) Nadir

3) Nethermost

4) Basal

Correct Answer: Culmination

QID : 82 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Befuddle

Options:

1) Baffle

2) Daze

3) Fluster

4) Explicate

Correct Answer: Explicate

QID : 83 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Supplant

Options:

1) Supersede

2) Surrender

3) Usurp

4) Oust

Correct Answer: Surrender

QID : 84 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Get the message

Options:

1) Understand what is implied by a remark or action

2) Communicate using a secret language

3) Find it difficult to understand a different language

4) Fire someone from a job

Correct Answer: Understand what is implied by a remark or action

QID : 85 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Keep at bay

Options:

1) Keep your problems to yourselves

2) to control something and prevent it from causing you problems

3) Not share a secret

4) Maintain a long distance relationship

Correct Answer: to control something and prevent it from causing you problems

QID : 86 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

Tom pretended to not (heard) a thing.

Options:

1) hear

2) hearing

3) be hearing

4) no improvement

Correct Answer: hear

QID : 87 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

He must (has change) clothes during the night.

Options:

1) have changed

2) has changed

3) have changes

4) no improvement

Correct Answer: have changed

QID : 88 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

Deriving pleasure from inflicting pain

Options:

1) Sadistic

2) Genial

3) Tender

4) Placid

Correct Answer: Sadistic

QID : 89 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

A person highly skilled in music

Options:

1) Virtuoso

2) Amateur

3) Novice

4) Dabbler

Correct Answer: Virtuoso

QID : 90 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

Options:

1) palatable

2) palateble

3) pallateble

4) pallatable

Correct Answer: palatable

QID : 91 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

Options:

1) unnerving

2) unnerveing

3) unerving

4) unerveing

Correct Answer: unnerving

QID : 92 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

At length, about an hour later, we

X-spied a little pile of boulders rising

Y-this we dragged ourselves

Z-out of the plain, and to

Options:

1) XYZ

2) ZYX

3) XZY

4) ZXY

Correct Answer: XZY

QID : 93 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

Secondly, it is consistent

X-with human experience that

Y-places and be depressed in others

Z-land should rise gradually in some

Options:

1) XYZ

2) ZYX

3) ZXY

4) XZY

Correct Answer: XZY

QID : 94 - In the following question, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

The labourers paved the entire stretch of the road.

Options:

1) The entire stretch of the road is paved by the labourers.

2) Paving of the entire stretch of the road was done by the labourers.

3) The entire stretch of the road was paved by the labourers.

4) Paving of the entire stretch of the road is done by the labourers.

Correct Answer: The entire stretch of the road was paved by the labourers.

QID : 95 - In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech.

The visitor said, "Is your mother at home?"

Options:

1) The visitor asked me is my mother at home.

2) The visitor asked to me whether my mother was at home.

3) The visitor asked to me is my mother at home.

4) The visitor asked me whether my mother was at home.

Correct Answer: The visitor asked me whether my mother was at home.

QID : 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.

But before I could be inspired by these amazing people, I had to cleanse my feed. I know my weaknesses: just last week, Facebook memories reminded me of a pizza party I'd had two years ago and I ended up ordering a chicken dominator, with garlic breadsticks and an jalapeno cheese dip. So much for Day One of Couch to 5K training. I stayed right on that couch. So far I've unfollowed Buzzfeed Tasty, TasteMade (even their adorable Tiny Kitchen) and several people who have the enviable advantage of being able to eat as much as they want and not put on weight. By my calculations, dark chocolate is healthy, so I'm still following Earth Loaf, Pascati and Mason & Co.

When I finally found a gym I liked, with the best trainers I have had, I unabashedly shared my workouts every day. From shying away from full-length pictures, I reached a point where I could share videos of myself deadlifting and doing back squats with a barbell across my shoulders. It gave me accountability: I challenged myself to go to the gym for 30 classes straight, and I did it. Which reminds me, it's time to start a new challenge.

Posts related to which topic does the writer want to remove from her feed?

Options:

1) Dark Chocolate

2) Make-up

3) Sari

4) Food

Correct Answer: Food

QID : 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.

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What has the writer succeeded in doing?

Options:

1) Lost the desired weight

2) Succeeded in overcoming temptations to order pizzas

3) Attended 30 gym classes without a break

4) Removed unhealthy posts including about chocolates

Correct Answer: Attended 30 gym classes without a break

QID : 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.

But before I could be inspired by these amazing people, I had to cleanse my feed. I know my weaknesses: just last week, Facebook memories reminded me of a pizza party I'd had two years ago and I ended up ordering a chicken dominator, with garlic breadsticks and an jalapeno cheese dip. So much for Day One of Couch to 5K training. I stayed right on that couch. So far I've unfollowed Buzzfeed Tasty, TasteMade (even their adorable Tiny Kitchen) and several people who have the enviable advantage of being able to eat as much as they want and not put on weight. By my calculations, dark chocolate is healthy, so I'm still following Earth Loaf, Pascati and Mason & Co.

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Which of the following is a page related to chocolate?

Options:

1) Earth Loaf

2) Buzzfeed Tasty

3) TasteMade

4) Tiny Kitchen

Correct Answer: Earth Loaf

QID : 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.

But before I could be inspired by these amazing people, I had to cleanse my feed. I know my weaknesses: just last week, Facebook memories reminded me of a pizza party I'd had two years ago and I ended up ordering a chicken dominator, with garlic breadsticks and an jalapeno cheese dip. So much for Day One of Couch to 5K training. I stayed right on that couch. So far I've unfollowed Buzzfeed Tasty, TasteMade (even their adorable Tiny Kitchen) and several people who

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What weight loss program has the writer enrolled in?

Options:

1) 30 Straight gym classes

2) Couch to 5K

3) Mason & Co

4) Eat chocolate to lose weight

Correct Answer: Couch to 5K

QID : 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.

But before I could be inspired by these amazing people, I had to cleanse my feed. I know my weaknesses: just last week, Facebook memories reminded me of a pizza party I'd had two years ago and I ended up ordering a chicken dominator, with garlic breadsticks and an jalapeno cheese dip. So much for Day One of Couch to 5K training. I stayed right on that couch. So far I've unfollowed Buzzfeed Tasty, TasteMade (even their adorable Tiny Kitchen) and several people who have the enviable advantage of being able to eat as much as they want and not put on weight. By my calculations, dark chocolate is healthy, so I'm still following Earth Loaf, Pascati and Mason & Co.

When I finally found a gym I liked, with the best trainers I have had, I unabashedly shared my workouts every day. From shying away from full-length pictures, I reached a point where I could share videos of myself deadlifting and doing back squats with a barbell across my shoulders. It gave me accountability: I challenged myself to go to the gym for 30 classes straight, and I did it. Which reminds me, it's time to start a new challenge.

What gave the writer accountability?

Options:

1) Sharing her workout videos on social media

2) Unfollowing people and pages not related to health

3) Going to the gym daily

4) Doing challenging exercises like deadlifting

Correct Answer: Sharing her workout videos on social media

SSC CGL 2017 EXAM PAPER : Held on 21-AUG-2017 Shift-2

(Reasoning)

QID : 101 - Select the related word from the given alternatives.

Pencil : Lead :: Pen : ?

Options:

1) Ball

2) Write

3) Blue

4) Ink

Correct Answer: Ink

QID : 102 - Select the related letters from the given alternatives.

DGI : JMO :: RUW : ?

Options:

1) XAC

2) WYZ

3) ACE

4) ZAC

Correct Answer: XAC

QID : 103 - Select the related number from the given alternatives.

236 : 472 :: 123 : ?

Options:

1) 246

2) 426

3) 642

4) 247

Correct Answer: 246

QID : 104 - Select the odd word from the given alternatives.

Options:

1) Car

2) Jeep

3) Van

4) Cycle

Correct Answer: Cycle

QID : 105 - Select the odd letters from the given alternatives.

Options:

1) WVU

2) QPO

3) GED

4) LKJ

Correct Answer: GED

QID : 106 - Select the odd number from the given alternatives.

Options:

1) 13

2) 17

3) 21

4) 23

Correct Answer: 21

QID : 107 - A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series.

Laugh, Alter, Melts, Realm, Muesli, ?

Options:

1) Missile

2) Shall

3) Alien

4) Rifle

Correct Answer: Missile

QID : 108 - A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

E, H, L, O, S, ?

Options:

1) U

2) W

3) V

4) X

Correct Answer: V

QID : 109 - A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

99, 90.7, 82.4, ? , 65.8, 57.5

Options:

1) 73.3

2) 74.8

3) 75.2

4) 74.1

Correct Answer: 74.1

QID : 110 - Akarsh's birthday is on Saturday 29th July. On what day of the week will be Ojas's Birthday in the same year if Ojas was born on 12thAugust?

Options:

1) Wednesday

2) Friday

3) Saturday

4) Sunday

Correct Answer: Saturday

QID : 111 - The weights of 4 boxes are 30, 70, 60 and 20 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes and in a combination a box can be used only once?

Options:

1) 180

2) 190

3) 120

4) 150

Correct Answer: 190

QID : 112 - From the given words, select the word which cannot be formed using the letters of the given word.

JOSTLING

Options:

1) INLET

2) GLINT

3) INGOT

4) JINGO

Correct Answer: INLET

QID : 113 - If PROJECT is coded as KILQVXG, then how will EGO be coded as?

Options:

1) VPU

2) MJN

3) VTL

4) SGD

Correct Answer: VTL

QID : 114 - In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

75 - 5 + 25 ÷ 125 = ?

Options:

1) 5

2) 10

3) 3

4) 75

Correct Answer: 75

QID : 115 - If 15@7=44; 5@4=18; 6@17=46; then what is the value of 17@4=?

Options:

1) 36

2) 42

3) 40

4) 49

Correct Answer: 42

QID : 116 -

Select the missing number from the given responses

दिए गए विकल्पों में से लुप्त संख्या चुनिए।

116	94	135
21	?	87
95	47	48

Options:

1) 48

2) 47

3) 144

4) 94

Correct Answer: 47

QID : 117 - A car travels 17 km South, then turns East and travels 11 km, then turns North and travels 9 km, then turns to its left and travels 11 km. Where is the car now with reference to its starting position?

Options:

1) 8 km North

2) 8 km South

3) 26 km South

4) 26 km North

Correct Answer: 8 km South

QID : 118 - In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements 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, follows from the given statements.

Statement 1 : No shirts are t-shirts.

Statement 2 : All t-shirts are cotton.

Conclusion I : Some shirts are cotton.

Conclusion II : No t-shirts are shirts.

Options:

1) Only conclusion I follows

2) Only conclusion II follows

3) Both I and II follow

4) Neither I nor II follows

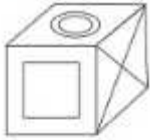**Correct Answer: Neither I nor II follows**

QID : 119 -

Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

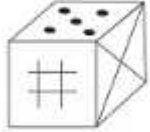निम्नलिखित उत्तर आकृति में से कौन सा घन दिए गए प्रश्न आकृति में से खुले घन से बनाया नहीं जा सकता?
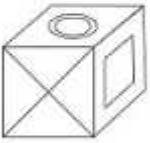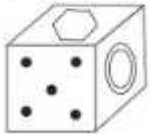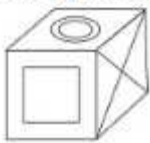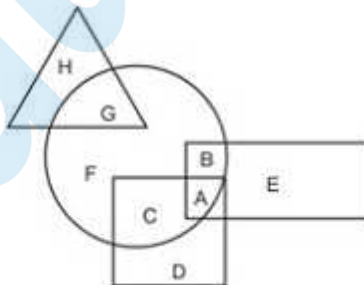
Options:

1)

2)

3)

4)
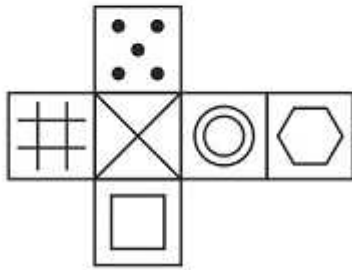
Correct Answer:

QID : 120 -

In the following figure, square represents Artists, triangle represents Military officers, circle represents collectors and rectangle represents Fathers. Which set of letters represents collectors who are either military officers or fathers?

निम्नलिखित आकृति में, वर्ग कलाकारों को दर्शाता है, त्रिभुज सैन्य अधिकारियों को दर्शाता है, वृत्त कलेक्टरों को दर्शाता है और आयत पिताओं को दर्शाता है। अक्षरों का कौन सा समूह कलेक्टरों को दर्शाता है जो या तो सैन्य अधिकारी हैं या पिता हैं?
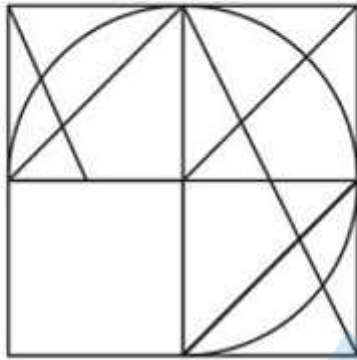
Options:

1) F,C

2) D,E

3) A,B,G

4) H,E,D

Correct Answer: A,B,G

QID : 121 -
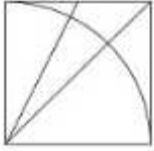
Which answer figure will complete the pattern in the question figure?

निम्नलिखित में से कौन-सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी?
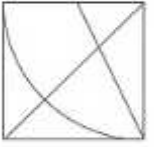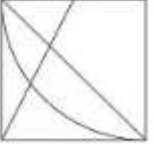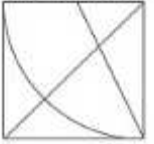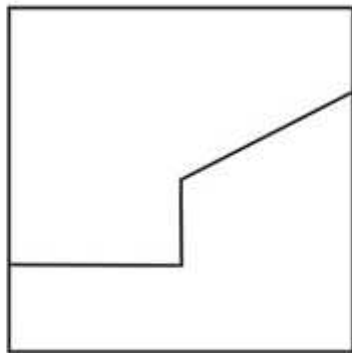
Options:

1)

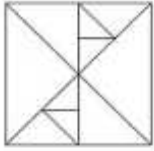2)

3)

4)

Correct Answer:

QID : 122 -

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

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

Options:

1)

2)

3)

4)
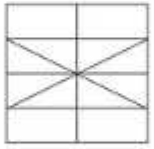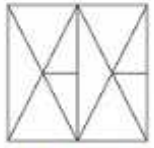
Correct Answer:
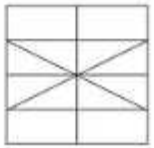
QID : 123 -

A piece of paper is folded and punched 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 उसमें छेद करने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?

Options:

1)

2)

3)

4)
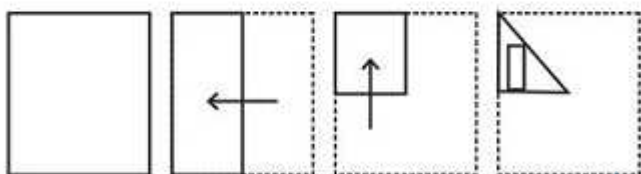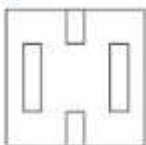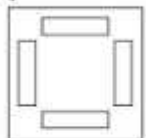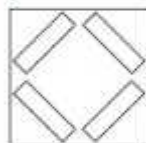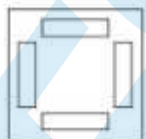
Correct Answer:

QID : 124 -

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

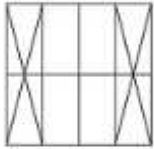यदि एक दर्पण को MN रेखा पर रखा जाए तो दी गई उत्तर आकृतियों में से कौन-सी आकृति प्रश्न आकृति का सही प्रतिबिम्ब होगी?

Options:

1)

2)

3)

4)
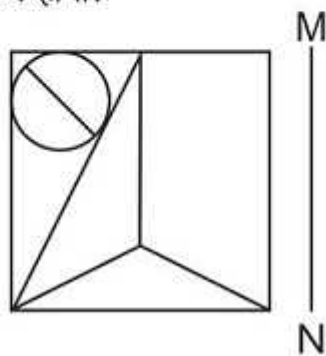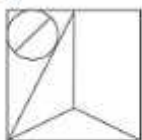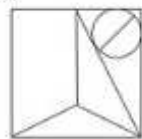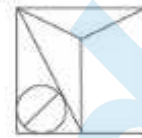
Correct Answer:

QID : 125 -

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 shown in the given two matrices. 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, for example 'K' can be represented by 41, 34 etc and 'Z' can be represented by 75, 86 etc. Similarly, you have to identify the set for the word 'PAWN'.

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। आव्यूह-I के स्तम्भ और पंक्ति की संख्या 0 से 4 और आव्यूह-II की 5 से 9 है। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदहारण के लिए 'K' को 41, 34 आदि द्वारा दर्शाया जा सकता है तथा 'Z' को 75, 86 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'PAWN' के लिए समूह को पहचानना है।

Matrix I आव्यूह -I					
	0	1	2	3	4
0	L	E	D	E	A
1	H	J	C	M	J
2	B	L	I	A	I
3	L	E	B	H	K
4	F	K	G	D	J

Matrix II आव्यूह -II					
	5	6	7	8	9
5	R	Z	Q	R	N
6	Y	U	Y	T	O
7	Z	R	W	T	S
8	X	Z	O	S	Z
9	U	O	Y	O	P

Options:

1) 44,10,87,55

2) 99,23,77,59

3) 03,40,86,65

4) 31,31,59,66

Correct Answer: 99,23,77,59

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(General Awareness)

QID : 126 - The demand for a inferior good increases with _____ in the consumer's income.

Options:

1) increase

2) decrease

3) constant

4) double

Correct Answer: decrease

QID : 127 - Goods for which demand move in the opposite direction of the income of the consumer are called?

Options:

1) Inferior goods

2) Normal goods

3) Complementary goods

4) Substitute goods

Correct Answer: Inferior goods

QID : 128 - "Population control and family planning" is listed in the _____ list given in the Seventh Schedule in the Constitution of India.

Options:

1) Union

2) State

3) Global

4) Concurrent

Correct Answer: Concurrent

QID : 129 - _____ is issued when the court finds that a particular office holder is not doing legal duty and thereby is infringing on the right of an individual.

Options:

1) Habeas Corpus

2) Mandamus

3) Prohibition

4) Quo Warranto

Correct Answer: Mandamus

QID : 130 - According to the categories of land mentioned in the Chola inscriptions _____ was known as the land donated to Jaina institutions?

Options:

1) Vellanvagai

2) Brahmadeya

3) Shalabhoga

4) Pallichchhandam

Correct Answer: Pallichchhandam

QID : 131 - Prince Khurram was the name of the future Emperor _____.

Options:

1) Shah Jahan

2) Jahangir

3) Babur

4) Akbar

Correct Answer: Shah Jahan

QID : 132 - _____ are defined as the mass movement of rock, debris or earth down a slope.

Options:

1) Earthquake

2) Cyclone

3) Flood

4) Landslide

Correct Answer: Landslide

QID : 133 - The material carried by the glacier such as rocks big and small, sand and silt gets deposited, which are called glacial _____.

Options:

1) moraines

2) deltas

3) plateaus

4) grooves

Correct Answer: moraines

QID : 134 - Based on the common features like presence of notochord and dorsal hollow neural system, animals like fishes, amphibians, reptiles, birds along with mammals are included in which Phylum?

Options:

1) Mammalia

2) Chordata

3) Primata

4) Insecta

Correct Answer: Chordata

QID : 135 - The members of phaeophyceae are commonly called _____ algae.

Options:

1) Green

2) Brown

3) Red

4) Yellow

Correct Answer: Brown

QID : 136 - Asterias (Star fish), Echinus (Sea urchin), Antedon (Sea Lily) are all examples of which Phylum?

Options:

1) Echinodermata

2) Annelida

3) Platyhelminthes

4) Arthropoda

Correct Answer: Echinodermata

QID : 137 - During uniform motion of an object along a straight line, the _____ remains constant with time.

Options:

1) Time

2) Velocity

3) Acceleration

4) Distance

Correct Answer: Velocity

QID : 138 - The impression of an image persists on the retina for about _____ of a second.

Options:

1) 1/10th

2) 1/8th

3) 1/16th

4) 1/5th

Correct Answer: 1/16th

QID : 139 - In Microsoft Word, _____ allows us to move selected paragraphs to the left.

Options:

1) Decrease Indent

2) Increase Indent

3) Double Indent

4) Single Indent

Correct Answer: Decrease Indent

QID : 140 - Acetic Acid is another name for which of the following?

Options:

1) Vinegar

2) Baking Soda

3) Copper Sulphate

4) Magnesium Oxide

Correct Answer: Vinegar

QID : 141 - The reaction of Copper Sulphate and Iron produces Iron Sulphate and _____.

Options:

1) Vinegar

2) Ash

3) Baking Soda

4) Copper

Correct Answer: Copper

QID : 142 - A few organisms can tolerate and thrive in a narrow range of temperatures. Such organisms are called _____.

Options:

1) Osmotic

2) Eurythermal

3) Stenothermal

4) Hydrothermal

Correct Answer: Stenothermal

QID : 143 - _____ scheme was launched by the Central Government in the state of Bihar to provide clean water of the Ganges to domestic areas via postal services.

Options:

1) Gangajal Delivery Scheme

2) Mission Bhagiratha In Telangana

3) National Apprenticeship Promotion

4) Railway Travel Insurance

Correct Answer: Gangajal Delivery Scheme

QID : 144 - Who discovered Electron?

Options:

1) Enrico Fermi

2) Robert Noyce

3) J.J.Thomson

4) James Dyson

Correct Answer: J.J.Thomson

QID : 145 - Which country won the 2016 Men's Kabaddi World Cup?

Options:

1) India

2) Thailand

3) Pakistan

4) Iran

Correct Answer: India

QID : 146 - Mattancherry Palace is located in?

Options:

1) West Bengal

2) Kerala

3) Rajasthan

4) Karnataka

Correct Answer: Kerala

QID : 147 - Which of the following is an award given by the Government of India to recognize outstanding achievement in National sports?

Options:

1) Ashok Chakra

2) Dada Saheb Phalke Awards

3) Arjuna Award

4) Padma Shri

Correct Answer: Arjuna Award

QID : 148 - Which of the statements given below are not correct?

1. The author of the novel 'A Visit from the Goon Squad' is Edward P Jones.

2. The author of the novel 'The Corrections' is Jonathan Franzen.

3. The author of the novel 'The Known World' is Jennifer Egan.

Options:

1) 1 and 2

2) 2 and 3

3) 1 and 3

4) 1, 2 and 3

Correct Answer: 1 and 3

QID : 149 - In April 2017, the G20 Digital Ministerial Meeting on Digital Economy was held in which country?

Options:

1) Italy

2) Germany

3) France

4) USA

Correct Answer: Germany

QID : 150 - Which is the only train which runs between Kolkata and Dhaka?

Options:

1) Dosti Express

2) Maitree Express

3) Bangla Express

4) Padma Express

Correct Answer: Maitree Express

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(Mathematics)

QID : 151 - Select the correct option:

Convert decimal 99 to binary.

Options:

1) 1100101
2) 1101001
3) 11100011
4) 1100011

Correct Answer: 1100011

QID : 152 - Anil is twice as good as workman as Bimal and together they finish a piece of work in 9 days. In how many days will Anil alone finish the work?

Options:

1) 12.5
2) 11.5
3) 10.5
4) 13.5

Correct Answer: 13.5

QID : 153 - What is the area (in sq cm) of a circle whose circumference is 22 cm?

Options:

1) 77
2) 38.5
3) 44
4) 88

Correct Answer: 38.5

QID : 154 - The cost price of an article is x. It is marked up by 150%. It is sold at Rs 600 after giving 40% discount. What is x (in Rs)?

Options:

1) 400
2) 666
3) 300
4) 444

Correct Answer: 400

QID : 155 - A bag has Rs.51.25 in the form of 2-rupee, 50-paise and 25-paise coins in the ratio of 3:5:7. What is the total number of 50-paise coins?

Options:

1) 15
2) 35
3) 25
4) 5

Correct Answer: 25

QID : 156 - In the first 40 overs of a 50 over innings, the run rate was 4.8 runs/over. What is the required run rate in the remaining 10 overs to reach the target of 241 runs?

Options:

1) 6.7
2) 6.5
3) 6.3
4) 4.9

Correct Answer: 4.9

QID : 157 - A milkman buys milk at Rs 25 per litre and adds 1/4 of water to it and sells the mixture at Rs 26 per litre. His gain (in %) is?

Options:

1) 25
2) 20
3) 30
4) 15

Correct Answer: 30

QID : 158 - When a number is increased by 120, it becomes 130% of itself. What is the number?

Options:

1) 400
2) 520
3) 460
4) 580

Correct Answer: 400

QID : 159 - Two cyclists P and Q cycle at 20 km/hr and 25 km/hr towards each other. What was the distance (in kms) between them when they started if they met after 56 minutes?

Options:

1) 36
2) 39
3) 42
4) 45

Correct Answer: 42

QID : 160 - The amount received at 10% per annum Compound interest after 3 yrs is Rs 5324. What was the principal (in Rs)?

Options:

1) 4100
2) 4200
3) 4000
4) 4300

Correct Answer: 4000

QID : 161 - If 14/3 + (1/2)(x - 7/3) = -2x/3, then the value of x is?

Options:

1) -3
2) 3

3) 6
4) -6

Correct Answer: -3

QID : 162 - If a + b = 10 and ab = 24, then what is the value of $a^3 + b^3$?

Options:

1) 280
2) 152
3) 140
4) 72

Correct Answer: 280

QID : 163 - The sum of a fraction and 3 times its reciprocal is 19/4. What is the fraction?

Options:

1) 3/4
2) 4/3
3) 5/4
4) 4/5

Correct Answer: 3/4

QID : 164 - The 3rd and 6th term of an arithmetic progression are 13 and -5 respectively. What is the 11th term?

Options:

1) -29
2) -41
3) -47
4) -35

Correct Answer: -35

QID : 165 - What is the reflection of the point (6, -1) in the line y = 2?

Options:

1) (-2 , -1)
2) (-6 , 5)
3) (6 , 5)
4) (-2 , 1)

Correct Answer: (6 , 5)

QID : 166 - Point P (8 , 5) is the midpoint of segment AB. Co-ordinates of A are (5, y) and B are (x, -3). What is the value of x?

Options:

1) -11
2) 11
3) 7
4) -7

Correct Answer: 11

QID : 167 - What is the equation of a line of slope 1/3 and y-intercept 5?

Options:

1) x - 3y = -15
2) x - 3y = 15
3) x + 3y = -15
4) x + 3y = 15

Correct Answer: x - 3y = -15

QID : 168 -   ABC is right angled at B. BD is an altitude. AD = 3 cm and DC = 9 cm. What is the value of AB (in cm)?

Options:

1) 6
2) 5
3) 4.5
4) 5.5

Correct Answer: 6

QID : 169 - What is the value of Cot 60o - Sec 45o ?

Options:

1) (2 - 3)/ 6
2) (3 - 3 2)/3
3) (1 - 2 2)/2
4) (1 - 3)/2

Correct Answer: (3 - 3 2)/3

QID : 170 -   ABC is right angled at B. If m∠A = 30o, what is the length of AB (in cm), if AC = 10 cm?

Options:

1) 5

2) 5 3

3) 10 3

4) 10

Correct Answer: 5 3

QID : 171 - If Cot = 24/7, then Sin = ?

Options:

1) 24/25

2) 8/25

3) 7/25

4) 9/25

Correct Answer: 7/25

QID : 172 -

The pie chart shows the share of tiger population six Wild life sanctuaries (A, B, C, D, E, F) of a country. Study the diagram and answer the following questions.

पाई चार्ट देश में छह वन्य जीवन अभयारण्यों (A, B, C, D, E, F) में बाघों की जनसंख्या का हिस्सा दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।

Which wild life sanctuary has more tigers than D but less than F?

Options:

1) C

2) A

3) E
4) B

Correct Answer: B

QID : 173 -

The pie chart shows the share of tiger population six Wild life sanctuaries (A, B, C, D, E, F) of a country. Study the diagram and answer the following questions.

पाई चार्ट देश में छह वन्य जीवन अभयारण्यों (A, B, C, D, E, F) में बाघों की जनसंख्या का हिस्सा दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।

What will be the total number of tigers left in the six sanctuaries, if 3 tigers are killed by poachers in sanctuary E and 9 tigers are added to sanctuary A?

Options:
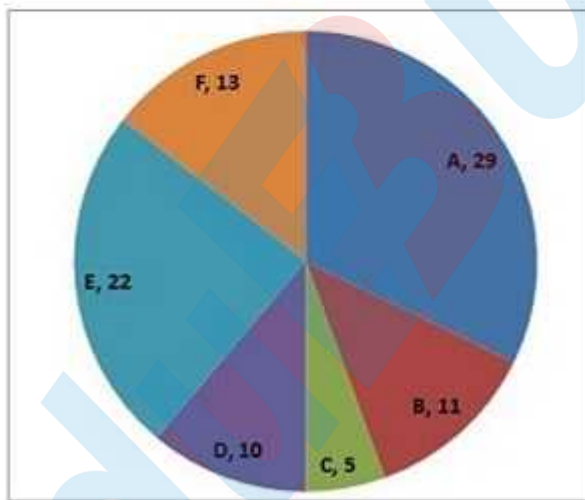
1) 93
2) 96
3) 99
4) 95

Correct Answer: 96

QID : 174 -

The pie chart shows the share of tiger population six Wild life sanctuaries (A, B, C, D, E, F) of a country. Study the diagram and answer the following questions.

पाई चार्ट देश में छह वन्य जीवन अभयारण्यों (A, B, C, D, E, F) में बाघों की जनसंख्या का हिस्सा दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।
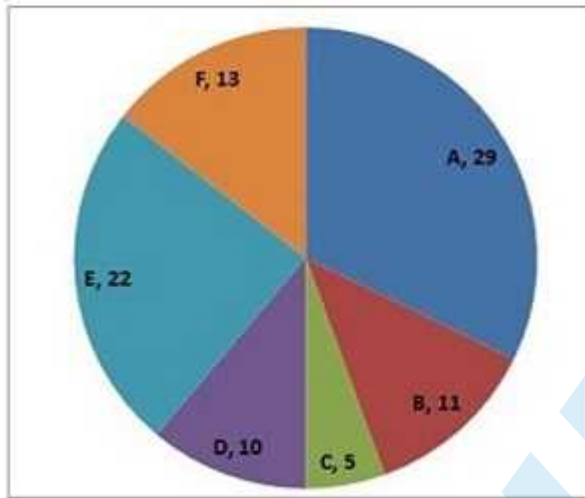
What is the ratio of tigers in sanctuaries E and F to that of tigers in sanctuaries D and C?
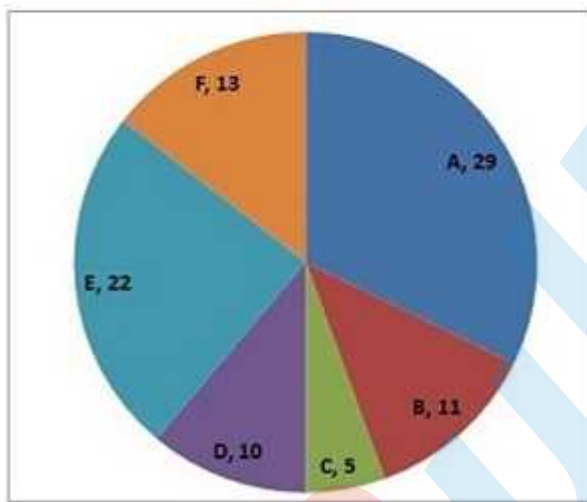
Options:

1) 3 : 7
2) 7 : 3
3) 5 : 2
4) 2 : 5

Correct Answer: 7 : 3

QID : 175 -

The pie chart shows the share of tiger population six Wild life sanctuaries (A, B, C, D, E, F) of a country. Study the diagram and answer the following questions.

पाई चार्ट देश में छह वन्य जीवन अभयारण्यों (A, B, C, D, E, F) में बाघों की जनसंख्या का हिस्सा दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।

F, 13
A, 29
E, 22
B, 11
D, 10
C, 5
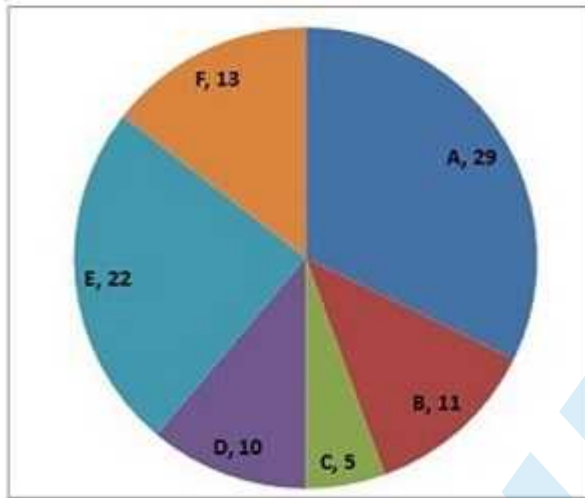
If the total tiger population in these six sanctuaries had grown by 20% and 25% in the previous two decades, then what was the total tiger population in these six sanctuaries before 20 years?

Options:

1) 135
2) 150
3) 60
4) 45

Correct Answer: 60

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(English Comprehension)

QID : 176 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.
Economically, we (1)/ understand the world (2)/ round us in terms of scarcity. (3)/No Error (4)
Options:

1) 1

2) 2

3) 3

4) 4

Correct Answer: 3

QID : 177 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.
The two children, (1)/ brother and sister, were onto (2)/ their way to school. (3)/No Error (4)
Options:

1) 1

2) 2

3) 3

4) 4

Correct Answer: 2

QID : 178 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Finding the comedy routine extremely funny, the family laughed _____ along with the rest of the crowd.

Options:

1) lot

2) hysterically

3) crazy

4) guffaw

Correct Answer: hysterically

QID : 179 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

The detective's ability to _____ makes it easy for him to scare suspects into confessing.

Options:

1) bluff

2) stuff

3) enough

4) cough

Correct Answer: bluff

QID : 180 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Belligerent

Options:

1) Antagonistic

2) Co-operative

3) Dandy

4) Delightful

Correct Answer: Antagonistic

QID : 181 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Indiscreet

Options:

1) Careless

2) Accurate

3) Attentive

4) Choosy

Correct Answer: Careless

QID : 182 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Incentive

Options:

1) Impetus

2) Stimulus

3) Enticement

4) Hindrance

Correct Answer: Hindrance

QID : 183 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Benediction

Options:

1) Criticism

2) Invocation

3) Beatitude

4) Approbation

Correct Answer: Criticism

QID : 184 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

To go off the air

Options:

1) To remove ventilator of a patient on his death bed

2) To not eat food for a long period of time

3) To stop broadcasting a radio or TV program

4) To waste time on silly or trivial things.

Correct Answer: To stop broadcasting a radio or TV program

QID : 185 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

To make a fuss about

Options:

1) To be extremely delighted

2) To work hard for eventual success

3) To be very strict or have very high standards

4) An excessive display of attention or activity

Correct Answer: An excessive display of attention or activity

QID : 186 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

I should (has to be) with them tonight.

Options:

1) has been

2) have been

3) been

4) no improvement

Correct Answer: have been

QID : 187 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

He must not (to be left) like this.

Options:

1) being left

2) been left

3) be left

4) no improvement

Correct Answer: be left

QID : 188 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

Free from disturbance

Options:

1) Tranquil

2) Agitated

3) Chaotic

4) Violent

Correct Answer: Tranquil

QID : 189 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

An arrangement of flowers fastened in a ring used for laying on a grave

Options:

1) Brier

2) Prickle

3) Wreath

4) Splint

Correct Answer: Wreath

QID : 190 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

Options:

1) possesses

2) posseses

3) posesses

4) poseses

Correct Answer: possesses

QID : 191 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

Options:

1) murmuring

2) murmurring

3) murrmuring

4) murrmurring

Correct Answer: murmuring

QID : 192 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

There was no need to

X-set a watch, for we had nothing

Y-to fear from anybody or

Z-anything in that vast untenanted plain

Options:

1) ZYX

2) ZXY

3) YZX

4) XYZ

Correct Answer: XYZ

QID : 193 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

This idea, however startling it may at

X-first appear, is quite in accordance, as

Y-before stated, with the analogy of changes

Z-now going on in certain regions of the globe

Options:

1) ZYX

2) XYZ

3) ZXY

4) YZX

Correct Answer: XYZ

QID : 194 - In the following question, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

He mailed his application for a new job.

Options:

1) The application for a new job is mailed by him.

2) The application for a new job was mailed by him.

3) He is the mailer of the application for a new job.

4) He was the mailer of the application for a new job.

Correct Answer: The application for a new job was mailed by him.

QID : 195 - In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech.

"Ooh! what a dirty child!" said my aunt.

Options:

1) My aunt exclaimed disgustedly what a dirty child.

2) My aunt exclaimed disgustedly that the child is very dirty.

3) My aunt exclaimed disgustedly that the child was very dirty.

4) My aunt exclaimed disgustedly what a dirty child it is.

Correct Answer: My aunt exclaimed disgustedly that the child was very dirty.

QID : 196 - 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.

Genetic variation is the cornerstone of evolution, without which there can be no natural selection, and so a low genetic diversity decreases the ability of a species to survive and reproduce, explains lead author Yoshan Moodley, Professor at the Department of Zoology, University of Venda in South Africa.

Two centuries ago, the black rhinoceros – which roamed much of sub Saharan Africa – had 64 different genetic lineages; but today only 20 of these lineages remain, says the paper. The species is now restricted to five countries, South Africa, Namibia, Kenya, Zimbabwe and Tanzania. Genetically unique populations that once existed in Nigeria, Cameroon, Chad, Eritrea, Ethiopia, Somalia, Mozambique, Malawi and Angola have disappeared. The origins of the 'genetic erosion' coincided with colonial rule in Africa and the popularity of big game hunting. From the second half of the 20th century, however, poaching for horns has dramatically depleted their population and genetic diversity, especially in Kenya and Tanzania.

What is important for evolution?

Options:

1) Genetic variation

2) Large population

3) Mixing of species

4) Survival of the fittest

Correct Answer: Genetic variation

QID : 197 - 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.

Genetic variation is the cornerstone of evolution, without which there can be no natural selection, and so a low genetic diversity decreases the ability of a species to survive and reproduce, explains lead author Yoshan Moodley, Professor at the Department of Zoology, University of Venda in South Africa.

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Sub Sharan Africa has lost how many black rhino genetic lineages in 200 years?

Options:

1) 64

2) 20

3) 44

4) 30

Correct Answer: 44

QID : 198 - 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.

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Genetically unique black rhinoceros has been lost in all of the following countries, except?

Options:

1) Tanzania

2) Nigeria

3) Chad

4) Malawi

Correct Answer: Tanzania

QID : 199 - 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.

Genetic variation is the cornerstone of evolution, without which there can be no natural selection, and so a low genetic diversity decreases the ability of a species to survive and reproduce, explains lead author Yoshan Moodley, Professor at the Department of Zoology, University of Venda in South Africa.

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From the second half of the 20th century what has caused a dramatic fall in black rhinoceros population?

Options:

1) poaching

2) colonial rule

3) big game hunting

4) fall in genetic diversity

Correct Answer: poaching

QID : 200 - 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.

Genetic variation is the cornerstone of evolution, without which there can be no natural selection, and so a low genetic diversity decreases the ability of a species to survive and reproduce, explains lead author Yoshan Moodley, Professor at the Department of Zoology, University of Venda in South Africa.

Two centuries ago, the black rhinoceros – which roamed much of sub Saharan Africa – had 64 different genetic lineages; but today only 20 of these lineages remain, says the paper. The species is now restricted to five countries, South Africa, Namibia, Kenya, Zimbabwe and Tanzania. Genetically unique populations that once existed in Nigeria, Cameroon, Chad, Eritrea, Ethiopia, Somalia, Mozambique, Malawi and Angola have disappeared. The origins of the 'genetic erosion' coincided with colonial rule in Africa and the popularity of big game hunting. From the second half of the 20th century, however, poaching for horns has dramatically depleted their population and genetic diversity, especially in Kenya and Tanzania.

Genetic diversity is proportional to _____.

Options:

1) species population

2) the ability of a species to survive and reproduce

3) inbreeding

4) extinction

Correct Answer: the ability of a species to survive and reproduce

SSC CGL 2017 EXAM PAPER : Held on 21-AUG-2017 Shift-3

(Reasoning)

QID : 201 - Select the related word from the given alternatives.

Cow : Milk :: Bees : ?

Options:

1) Silk

2) Honey

3) Flower

4) Water

Correct Answer: Honey

QID : 202 - Select the related letters from the given alternatives.

ACF : GIL :: OQT : ?

Options:

1) VXY

2) UWZ

3) RSV

4) VXZ

Correct Answer: UWZ

QID : 203 - Select the related number from the given alternatives.

64 : 8 :: 0.01 : ?

Options:

1) 0.1

2) 1

3) 10

4) 0.08

Correct Answer: 0.1

QID : 204 - Select the odd word from the given alternatives.

Options:

1) Stream

2) Rivulet

3) River

4) Valley

Correct Answer: Valley

QID : 205 - Select the odd letters from the given alternatives.

Options:

1) ADG

2) HKN

3) ORU

4) BDF

Correct Answer: BDF

QID : 206 - Select the odd number from the given alternatives.

Options:

1) 49

2) 25

3) 8

4) 36

Correct Answer: 8

QID : 207 - A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series.

upset, aurora, spurn, strut, status, ?

Options:

1) treasure

2) perfect

3) right

4) unique

Correct Answer: treasure

QID : 208 - A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

L, N, Q, S, V, ?

Options:

1) W

2) Y

3) Z

4) X

Correct Answer: X

QID : 209 - A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

111, 107.5, 104, ? , 97, 93.5

Options:

1) 100

2) 99.5

3) 100.5

4) 99

Correct Answer: 100.5

QID : 210 - Advik's birthday is on Monday 19th June. On what day of the week will be Nishith's Birthday in the same year if Nishith was born on 17th November?

Options:

1) Saturday

2) Wednesday

3) Friday

4) Sunday

Correct Answer: Friday

QID : 211 - The weights of 4 boxes are 90, 30, 40 and 60 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes and in a combination a box can be used only once?

Options:

1) 200

2) 220

3) 180

4) 130

Correct Answer: 200

QID : 212 - From the given words, select the word which cannot be formed using the letters of the given word.

JAUNTILY

Options:

1) NEATLY

2) AUNTY

3) JAUNT

4) UNITY

Correct Answer: NEATLY

QID : 213 - If UNCOVER is coded as FMXLEVI, then how will TIP be coded as?

Options:

1) LTV

2) NQV

3) KHQ

4) GRK

Correct Answer: GRK

QID : 214 - In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

50 + 5 - 700 x 28 = ?

Options:

1) 94

2) 100

3) 90

4) 275

Correct Answer: 275

QID : 215 - If 3 % 2 = 50, 2 % 4 = 60 then what is the value of 5 % 4 = ?

Options:

1) 16

2) 9

3) 90

4) 20

Correct Answer: 90

QID : 216 -

Select the missing number from the given responses

दिए गए विकल्पों में से लुप्त संख्या चुनिए।

23	?	12
6	13	7
138	117	84

Options:

1) 9

2) 13

3) 17

4) 15

Correct Answer: 9

QID : 217 - A paper boy cycles 10 km East, then turns South and cycles 3 km, then turns West and cycles 6 km, then turns to his right and cycles 3 km. Where is he now with reference to his starting position?

Options:

1) 4 km West

2) 14 km East

3) 4 km East

4) 14 km West

Correct Answer: 4 km East

QID : 218 - In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements 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, follows from the given statements.

Statement 1 : All flowers are leaves.

Statement 2 : Some flowers are plants.

Conclusion I : Some leaves are plants.

Conclusion II : Some plants are flowers.

Options:

1) Only conclusion I follows

2) Only conclusion II follows

3) Both I and II follow

4) Neither I nor II follows
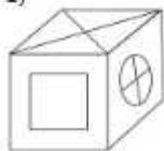
Correct Answer: Both I and II follow

QID : 219 -

Which of the following cube in the answer
 figure cannot be made based on the unfolded
cube in the question figure?

निम्नलिखित उत्तर आकृति में से कौन सा घन
दिए गए प्रश्न आकृति में से खुले घन से
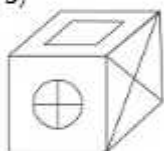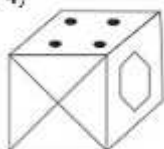बनाया नहीं जा सकता?
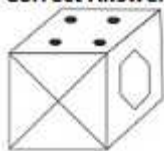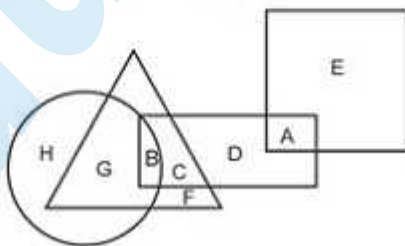
Options:

1)

2)

3)

4)
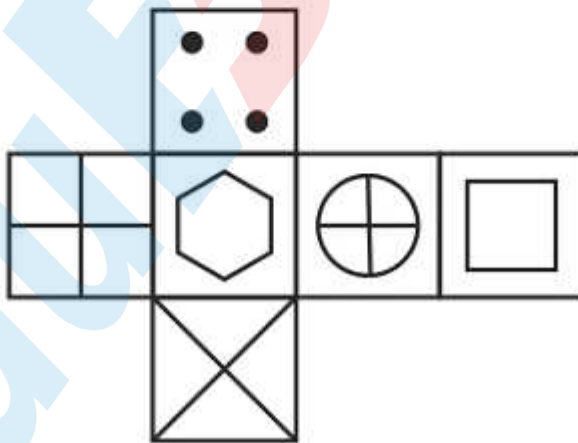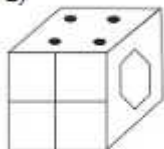
Correct Answer:

QID : 220 -

In the following figure, square represents Philosophers, triangle represents Police officer, circle represents Pharmacists and rectangle represents Americans. Which set of letters represents Americans who are police officers?

निम्नलिखित आकृति में, वर्ग दार्शनिकों को दर्शाता है, त्रिभुज पुलिस अधिकारियों को दर्शाता है, वृत्त औषध विक्रेता को दर्शाता है और आयत अमेरिकियों को दर्शाता है। अक्षरों का कौन सा समूह अमेरिकियों को दर्शाता है जो पुलिस अधिकारी हैं?
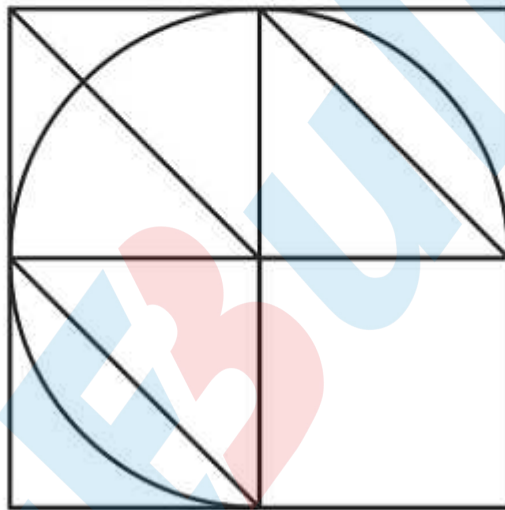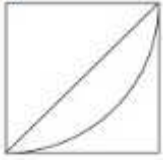
QID : 221 -

Which answer figure will complete the pattern in the question figure?

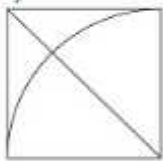निम्नलिखित में से कौन-सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी?
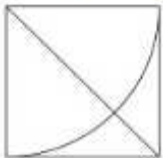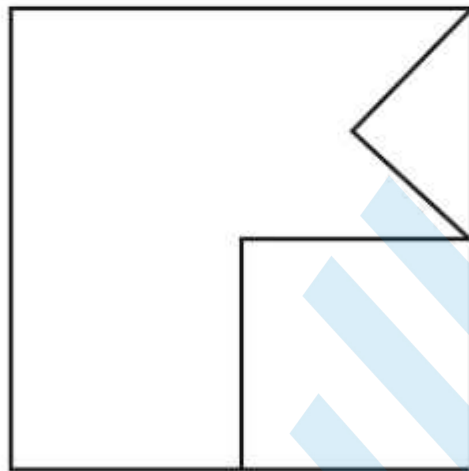
Options:

1)

2)

3)

4)

Correct Answer:

QID : 222 -

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

दी गई उत्तर आकृतियों में से उस आकृति को चुनिए जिसमें प्रश्न आकृति निहित है|

Options:

1)

2)

3)

4)
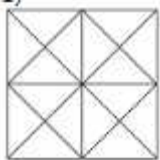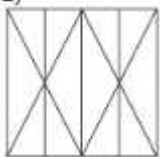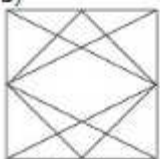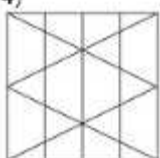
Correct Answer:
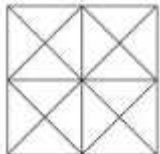
QID : 223 -

A piece of paper is folded and punched 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 उसमें छेद करने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?

Options:

1)

2)

3)

4)
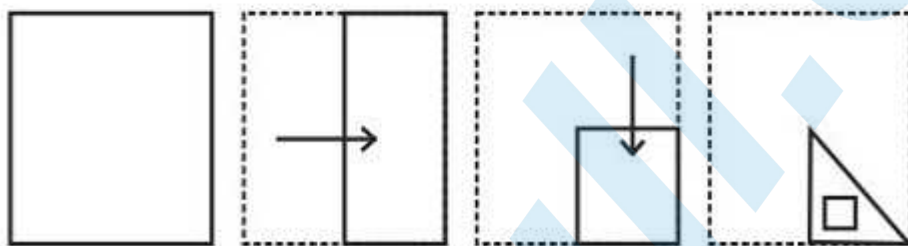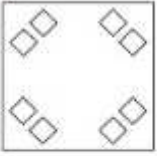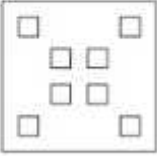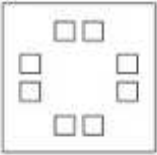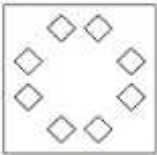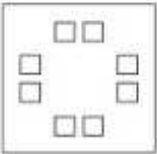
Correct Answer:

QID : 224 -

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)
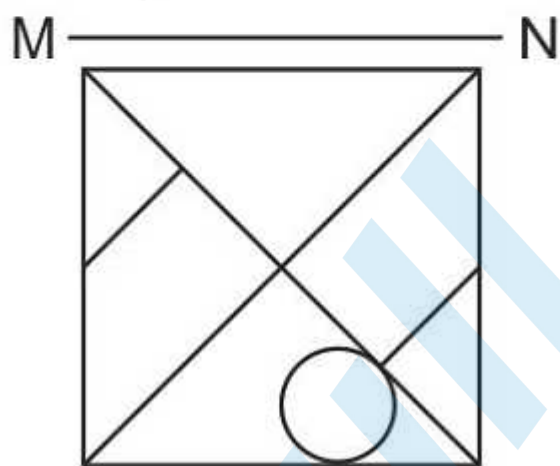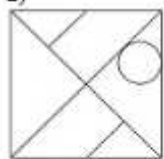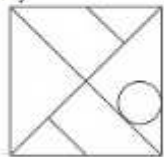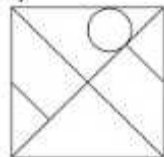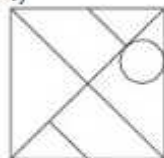
Correct Answer:

QID : 225 -

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 shown in the given two matrices. 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, for example 'K' can be represented by 40, 24 etc and 'Z' can be represented by 98, 67 etc. Similarly, you have to identify the set for the word 'OXEN'.

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। आव्यूह-I के स्तम्भ और पंक्ति की संख्या 0 से 4 और आव्यूह-II की 5 से 9 है। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'K' को 40, 24 आदि द्वारा दर्शाया जा सकता है तथा 'Z' को 98, 67 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'OXEN' के लिए समूह को पहचानना है।

Matrix I आव्यूह -I	0	1	2	3	4
0	G	B	I	K	C
1	L	H	H	H	G
2	L	H	I	A	K
3	A	D	M	G	B
4	K	J	E	L	F

Matrix II आव्यूह -II	5	6	7	8	9
5	Z	X	S	R	T
6	O	N	Z	P	T
7	U	R	Q	Z	W
8	V	Q	X	Y	V
9	Y	O	X	Z	N

Options:

1) 65,97,42,99

2) 21,33,58,67

3) 44,44,55,58

4) 14,34,55,66

Correct Answer: 65,97,42,99

QID : 226 - If the _____ firm has zero costs or only has fixed cost, the quantity supplied in equilibrium is given by the point where the average revenue is zero.

Options:

1) Perfect Competition

2) Monopoly

3) Oligopoly

4) Monopolistic Competition

Correct Answer: Perfect Competition

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(General Awareness)

QID : 227 - The average variable cost curve is _____ shaped.

Options:

1) U

2) V

3) X

4) W

Correct Answer: U

QID : 228 - "Central Bureau of Intelligence and Investigation" is listed in the _____ list given in the Seventh Schedule in the Constitution of India.

Options:

1) Union

2) State

3) Global

4) Concurrent

Correct Answer: Union

QID : 229 - There are total _____ parliamentary seats (Rajya Sabha constituency) in Odisha.

Options:

1) 11

2) 19

3) 10

4) 1

Correct Answer: 10

QID : 230 - In 1918, Mahatma Gandhi went to _____ to organise a satyagraha movement amongst cotton mill workers.

Options:

1) Madras

2) Bombay

3) Surat

4) Ahmedabad

Correct Answer: Ahmedabad

QID : 231 - Murshid Quli Khan, Alivardi Khan and Sirajuddaullah were all nawabs of _____?

Options:

1) Lucknow

2) Varanasi

3) Hyderabad

4) Bengal

Correct Answer: Bengal

QID : 232 - _____ affect the rate of humus formation of soil.

Options:

1) Flora & Fauna

2) Time

3) Temperature

4) Parent rock

Correct Answer: Flora & Fauna

QID : 233 - The latitudes of main land of India extends between _____.

Options:

1) 8°4' N and 37°6' N

2) 8°4' W and 37°6' W

3) 8°4' E and 37°6' E

4) 8°4' S and 37°6' S

Correct Answer: 8°4' N and 37°6' N

QID : 234 - _____ is a straw coloured, viscous fluid constituting nearly 55 per cent of the blood.

Options:

1) Plasma

2) Formed Elements

3) Blood Groups

4) Coagulation of Blood

Correct Answer: Plasma

QID : 235 - Sexual reproduction in Algae that takes place through fusion of two similar size gametes is called?

Options:

1) Zoospores

2) Anisogamous

3) Isogamous

4) Oogamous

Correct Answer: Isogamous

QID : 236 - Animals in which the cells are arranged in three embryonic layers are called _____.

Options:

1) Diploblastic

2) Ectoderm

3) Tripoblastic

4) Endoderm

Correct Answer: Tripoblastic

QID : 237 - An image formed by a concave mirror on a screen is called _____?

Options:

1) Virtual image

2) Real image

3) Inverted image

4) Erect image

Correct Answer: Real image

QID : 238 - The distance-time graph for the motion of an object moving with a constant speed is a _____.

Options:

1) Dot

2) Circle

3) Straight Line

4) Curve

Correct Answer: Straight Line

QID : 239 - _____ is a collection of data values of same types having a common name.

Options:

1) Object

2) String

3) Array

4) Numbers

Correct Answer: Array

QID : 240 - A _____ thread is actually stronger than a steel wire.

Options:

1) wool

2) cotton

3) jute

4) nylon

Correct Answer: nylon

QID : 241 - The process of depositing a layer of any desired metal on another material by means of electricity is called _____.

Options:

1) Electroplating

2) Galvanisation

3) Rusting

4) Crystallisation

Correct Answer: Electroplating

QID : 242 - _____ refers to the number of births during a given period in the population that are added to the initial density.

Options:

1) Natality

2) Mortality

3) Immigration

4) Emigration

Correct Answer: Natality

QID : 243 - _____ is a welfare scheme started by the Prime Minister in order to provide LPG connections to domestic households that fall under the below the poverty line category.

Options:

1) Gram Uday Se Bharat Uday Abhiyan

2) Pradhan Mantri Ujjwala Yojana

3) Pradhan Mantri Surakshit Matritva Yojana

4) Vidyanjali Yojana

Correct Answer: Pradhan Mantri Ujjwala Yojana

QID : 244 - Who invented the waterproof raincoat?

Options:

1) Robert Hooke

2) Cai Lun

3) Charles Macintosh

4) William Harvey

Correct Answer: Charles Macintosh

QID : 245 - In which sport did India win Silver medal at Rio Olympics 2016?

Options:

1) Badminton

2) Boxing

3) Hockey

4) Wrestling

Correct Answer: Badminton

QID : 246 - Who was the architect of Taj Mahal?

Options:

1) Ustad Ahmad Lahouri

2) Norman Foster

3) Henry Irwin

4) Ustad Ghani Utbuddin

Correct Answer: Ustad Ahmad Lahouri

QID : 247 - The Nobel Prize in Literature 2016 was awarded to?

Options:

1) Frank Sinatra

2) Elvis Presley

3) Bob Dylan

4) Jimi Hendrix

Correct Answer: Bob Dylan

QID : 248 - Which of the statements given below are not correct?

1. The author of 'India 2020: A Vision for the New Millennium' is Shashi Tharoor.

2. The author of 'The Great Indian Novel' is A.P.J. Abdul Kalam.

3. The author of 'My Country My Life' is I.K Gujral.

Options:

1) 1 and 2

2) 2 and 3

3) 1 and 3

4) 1, 2 and 3

Correct Answer: 1, 2 and 3

QID : 249 - In April 2016, amid rising tension over North Korea, which country launched its first domestically built aircraft carrier?

Options:

1) South Korea

2) Japan

3) China

4) USA

Correct Answer: China

QID : 250 - Which National Park in Nepal is a continuation of India's Valmiki National Park?

Options:

1) Chitwan National Park

2) Bandipur National Park

3) Dudhwa National Park

4) Jim Corbett National Park

Correct Answer: Chitwan National Park

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(Mathematics)

QID : 251 - What is the remainder when 2468 is divided by 37?

Options:

1) 26
2) 36
3) 18
4) 14

Correct Answer: 26

QID : 252 - A can do 75% of a job in 9 days and B can do half of the job in 8 days. If they work on it together, then in how many days can they do half of the job?

Options:

1) 40/7
2) 24/7
3) 7/2
4) 9/2

Correct Answer: 24/7

QID : 253 - Area of 4 walls of a cuboid 400 sq cm, its length is 15 cm and height is 8 cm. What is its breadth (in cm)?

Options:

1) 12
2) 20
3) 24
4) 10

Correct Answer: 10

QID : 254 - At 20% discount the selling price of an article is Rs 2400, what is the selling price (in Rs) if the discount is 32.5%?

Options:

1) 2125
2) 2225
3) 2025
4) 2325

Correct Answer: 2025

QID : 255 - What is the fourth proportional to 24, 120 and 22?

Options:

1) 110
2) 120
3) 100
4) 90

Correct Answer: 110

QID : 256 - What is the average of all numbers between 8 and 74 which are divisible by 7?

Options:

1) 40
2) 41
3) 42
4) 43

Correct Answer: 42

QID : 257 - A trader had 1200 kgs of rice. He sold a part of it at 5% profit and the rest at 11% profit, so that he made a total profit of 7%. How much (in kg) wheat did he sell at 5% profit?

Options:

1) 900
2) 600

3) 400
4) 800

Correct Answer: 800

QID : 258 - 20% of a = b, then b% of 20 is the same as _____ of a.

Options:

1) 8%
2) 40%
3) 4%
4) 80%

Correct Answer: 4%

QID : 259 - After excluding stoppages, the speed of a bus is 60 kmph and after including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?

Options:

1) 10
2) 9
3) 12
4) 15

Correct Answer: 15

QID : 260 - The simple and compound interest that can be earned in two years at the same rate is Rs 1,000 and Rs 1,040 respectively. What is the rate (percent per annum) of interest?

Options:

1) 9
2) 10
3) 8
4) 11

Correct Answer: 8

QID : 261 - If 5/2 - (6/5)(x - 15/2) = -x/5, then what is the value of x?

Options:

1) -23/2
2) 13/2
3) -13/2
4) 23/2

Correct Answer: 23/2

QID : 262 - If a - b = 2 and ab = 24, then what is the value of $a^3 - b^3$?

Options:

1) 280
2) 124
3) 140
4) 152

Correct Answer: 152

QID : 263 - Sum of twice a fraction and its reciprocal is 17/6. What is the fraction?

Options:

1) 4/3
2) 5/4
3) 3/4
4) 4/5

Correct Answer: 3/4

QID : 264 - The 3rd and 7th term of an arithmetic progression are -9 and 11 respectively. What is the 15th term?

Options:

1) 28
2) 87
3) 51
4) 17

Correct Answer: 51

QID : 265 - What is the reflection of the point (4, 7) in the line y = -1?

Options:

1) (-6 , 7)
2) (-4 , -9)
3) (4 , -9)
4) (-6 , -7)

Correct Answer: (4 , -9)

QID : 266 - What are the co-ordinates of the centroid of a triangle, whose vertices are A(2 , 5), B(-4 , 0) and C(5 , 4)?

Options:

1) (-1 , 3)
2) (1 , 3)
3) (1 , -3)
4) (-1 , -3)

Correct Answer: (1 , 3)

QID : 267 - Slope of the line AB is -2/3. Co-ordinates of points A and B are (x , -3) and (5 , 2) respectively. What is the value of x?

Options:

1) 4
2) -14
3) 12.5
4) -4

Correct Answer: 12.5

QID : 268 - D and E are points on side AB and AC of ABC. DE is parallel to BC. If AD:DB = 2:3, what is the ratio of area of ADE and area of quadrilateral BDEC?

Options:

1) 4 : 21
2) 4 : 25
3) 4 : 29
4) 4 : 9

Correct Answer: 4 : 21

QID : 269 - What is the value of Cot 60° - Cos 45°?

Options:

1) (9 - 2 3)/9
2) (2 6 - 1)/ 3
3) (1 - 2 3)/2
4) (2 - 3)/ 6

Correct Answer: (2 - 3)/ 6

QID : 270 - PQR is right angled at Q. If m∠R = 60°, what is the length of PR (in cm), if RQ = 4 3 cm?

Options:

1) 8
2) 4
3) 8/ 3

4) 8 3

Correct Answer: 8 3

QID : 271 - If Tan   = 9/40, then Sec   = ?

Options:

1) 40/41
2) 9/41
3) 41/40
4) 41/9

Correct Answer: 41/40

QID : 272 -

There are six taxi companies (A, B, C, D, E, F) in a certain city. The bar graph shows the number of taxis run by each of these six companies. Study the diagram and answer the following questions.

एक निश्चित शहर में छह टैक्सी कंपनियां (A, B, C, D, E, F) हैं। बार ग्राफ इन छह कंपनियों में से प्रत्येक द्वारा चालाई जाने वाली टैक्सियों की संख्या दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।
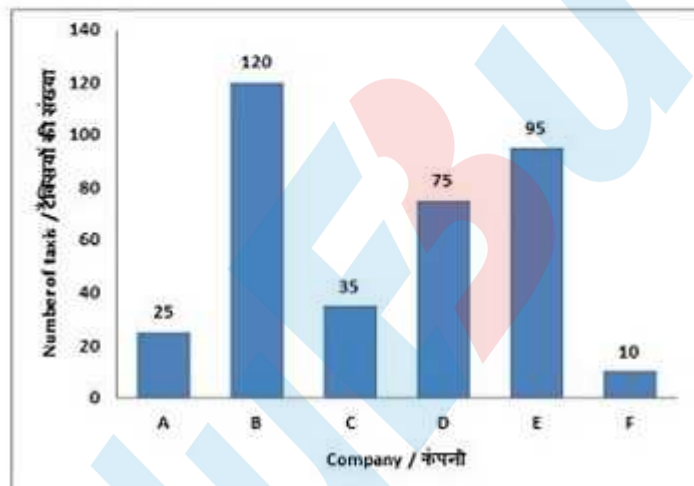
Which taxi company has more taxis than A but less than D?

Options:

1) B
2) C
3) F
4) E

Correct Answer: C

QID : 273 -

There are six taxi companies (A, B, C, D, E, F) in a certain city. The bar graph shows the number of taxis run by each of these six companies. Study the diagram and answer the following questions.

एक निश्चित शहर में छह टैक्सी कंपनियां (A, B, C, D, E, F) हैं। बार ग्राफ इन छह कंपनियों में से प्रत्येक द्वारा चालाई जाने वाली टैक्सियों की संख्या दर्शाता हे। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।

If 30 taxis quit company B and joined company D then D will have how many more taxis than C?

Options:

1) 40
2) 30
3) 110
4) 70

Correct Answer: 70

QID : 274 -

There are six taxi companies (A, B, C, D, E, F) in a certain city. The bar graph shows the number of taxis run by each of these six companies. Study the diagram and answer the following questions.

एक निश्चित शहर में छह टैक्सी कंपनियां (A, B, C, D, E, F) हैं। बार ग्राफ इन छह कंपनियों में से प्रत्येक द्वारा चलाई जाने वाली टैक्सियों की संख्या दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।
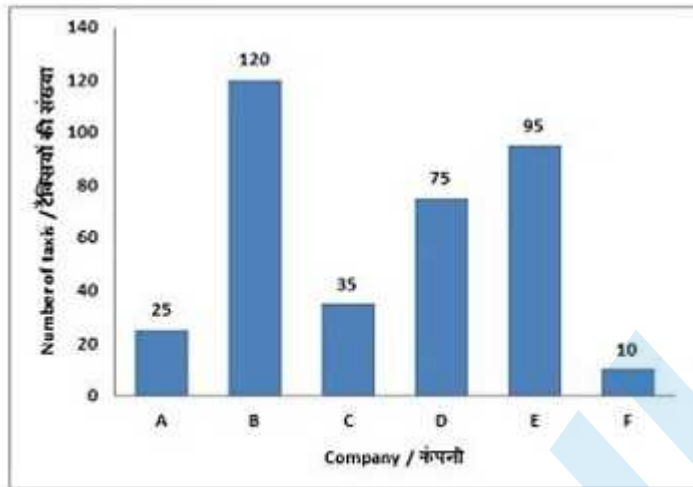
**Even if A and C decide to merge, still D will have how many more taxis (in %) than the merged A and C entity?**
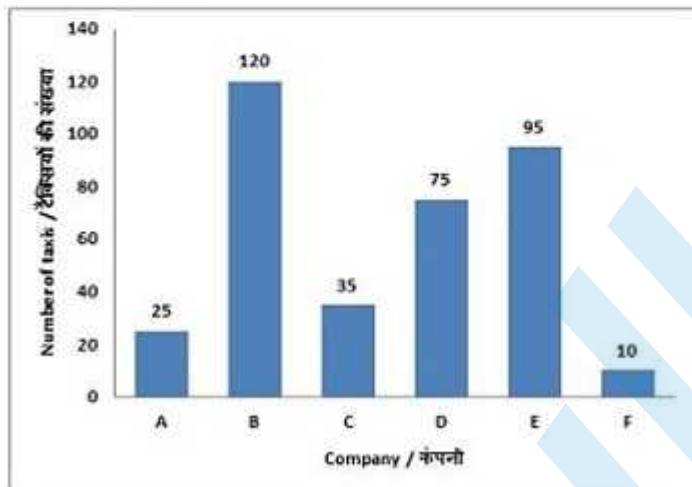
Options:

1) 15
2) 20
3) 10
4) 25

Correct Answer: 25

QID : 275 -

There are six taxi companies (A, B, C, D, E, F) in a certain city. The bar graph shows the number of taxis run by each of these six companies. Study the diagram and answer the following questions.

एक निश्चित शहर में छह टैक्सी कंपनियां (A, B, C, D, E, F) हैं। बार ग्राफ इन छह कंपनियों में से प्रत्येक द्वारा चालाई जाने वाली टैक्सियों की संख्या दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।
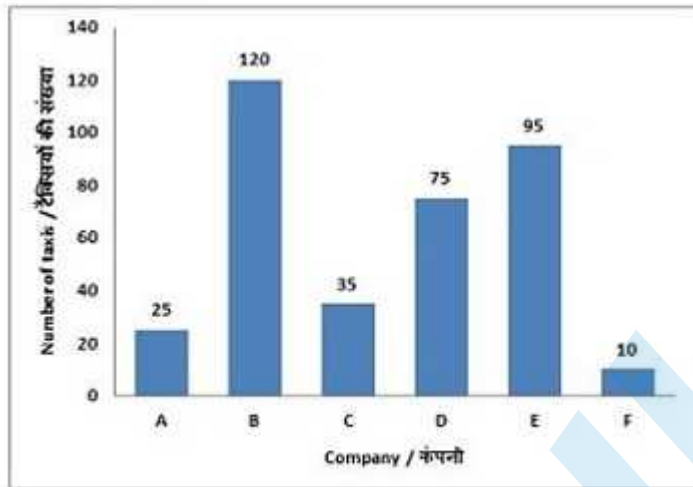
If each taxi on an average runs 100 kms every day and if fuel cost is Rs 3 per km, then all these taxis spend how much (in Rs.) on fuel every day?

Options:

1) 128000
2) 108000
3) 118000
4) 98000

Correct Answer: 108000

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(English Comprehension)

QID : 276 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

I took the shortest (1)/ way through the (2)/ little park close the palace. (3)/No Error (4)

Options:

1) 1

2) 2

3) 3

4) 4

Correct Answer: 3

QID : 277 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

As it came to a stop (1)/ the conductor called (2)/ overin a loud voice. (3)/No Error (4)

Options:

1) 1

2) 2

3) 3

4) 4

Correct Answer: 3

QID : 278 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Moving to the city was eye-_____ for the straitlaced country girl.

Options:

1) clearing

2) freeing

3) saving

4) opening

Correct Answer: opening

QID : 279 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

With a blood test, a physician was able to _____ the woman's pregnancy.

Options:

1) term

2) confirm

3) firm

4) confer

Correct Answer: confirm

QID : 280 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Exemption

Options:

1) Immunity

2) Accountability

3) Liability

4) Responsibility

Correct Answer: Immunity

QID : 281 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Perverse

Options:

1) Agreeable

2) Nefarious

3) Compliant

4) Willing

Correct Answer: Nefarious

QID : 282 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

To maneuver

Options:

1) To manipulate

2) To proceed

3) To cease

4) To machinate

Correct Answer: To cease

QID : 283 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

To avert

Options:

1) To aid

2) To deter

3) To forestall

4) To preclude

Correct Answer: To aid

QID : 284 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

To go to somebody's head

Options:

1) To have a huge ego

2) To complain to the highest authority

3) To make someone dizzy or slightly drunk

4) To arrive at the central point of the topic

Correct Answer: To make someone dizzy or slightly drunk

QID : 285 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

To make amends

Options:

1) To make new friends

2) To feel guilty for something you have not done

3) To compensate

4) To make flimsy excuses

Correct Answer: To compensate

QID : 286 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

Why should we (bothered)?

Options:

1) bother

2) bothering

3) to bother

4) no improvement

Correct Answer: bother

QID : 287 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

I absolutely must (seen) him, however painful it may be for me.

Options:

1) saw

2) seeing

3) see

4) no improvement

Correct Answer: see

QID : 288 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

To move back and forth or sideways

Options:

1) Sojourn

2) Tarriance

3) Traverse

4) Breather

Correct Answer: Traverse

QID : 289 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

The remains of something that has been badly damaged

Options:

1) Pristine

2) Immaculate

3) Wreckage

4) Sterile

Correct Answer: Wreckage

QID : 290 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

Options:

1) Mutiniers

2) Muteneers

3) Muteniers

4) Mutineers

Correct Answer: Mutineers

QID : 291 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

Options:

1) Obeisance

2) Obeisanse

3) Obesance

4) Obesanse

Correct Answer: Obeisance

QID : 292 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

Our only enemies were

X-heat, thirst, and flies, but far

Y-from man or beast than that awful trinity

Z-rather would I have faced any danger

Options:

1) XYZ

2) ZYX

3) XZY

4) ZXY

Correct Answer: XZY

QID : 293 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

Thus, I stand on a

X-hill and watch a labourer

Y-upon the distant railway

Z-striking with his sledge

Options:

1) XYZ

2) XZY

3) ZYX

4) ZXY

Correct Answer: XZY

QID : 294 - In the following question, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

The painter painted the entire bungalow.

Options:

1) The entire bungalow is painted by the painter.

2) Painting of the entire bungalow was done by the painter.

3) The entire bungalow was painted by the painter.

4) Painting of the entire bungalow is done by the painter.

Correct Answer: The entire bungalow was painted by the painter.

QID : 295 - In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech.

The teacher said, "Nobody can solve the problem."

Options:

1) The teacher said that nobody can solve the problem.

2) The teacher said that nobody should solve the problem.

3) The teacher said that somebody can solve the problem.

4) The teacher said that nobody could solve the problem.

Correct Answer: The teacher said that nobody could solve the problem.

QID : 296 - 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.

Manja, or the glass-coated string used for flying kites, not only poses threat to humans, animals and birds but also to trees. A study by the country's oldest botanical garden has revealed that it poses a great threat to trees. But how can a snapped string struck in a tree kill the tree? Apparently, it does so by allying with the creepers in the garden.

A research paper by three scientists of the Acharya Jagdish Chandra Bose Indian Botanic Garden, located in West Bengal's Howrah district, illustrates in detail how the manja, in collusion with climbers, does the damage. "The abandoned, torn kite strings act as an excellent primary supporting platform for the tender climbers, giving easy passage to reach the top of the trees. Lateral branches from the top of the climber and other accessory branches from the ground reaches the top taking support of the first climber, completely covers the treetop, thus inhibiting the penetration of sunlight," says the research paper.

Abandoned, torn kite strings stuck in trees benefits whom?

Options:

1) Humans

2) Creepers

3) Birds

4) Trees

Correct Answer: Creepers

QID : 297 - 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.

Manja, or the glass-coated string used for flying kites, not only poses threat to humans, animals and birds but also to trees. A study by the country's oldest botanical garden has revealed that it poses a great threat to trees. But how can a snapped string struck in a tree kill the tree? Apparently, it does so by allying with the creepers in the garden.

A research paper by three scientists of the Acharya Jagdish Chandra Bose Indian Botanic Garden, located in West Bengal's Howrah district, illustrates in detail how the manja, in collusion with climbers, does the damage. "The abandoned, torn kite strings act as an excellent primary supporting platform for the tender climbers, giving easy passage to reach the top of the trees. Lateral branches from the top of the climber and other accessory branches from the ground reaches the top taking support of the first climber, completely covers the treetop, thus inhibiting the penetration of sunlight," says the research paper.

How many scientists contributed to a study by country's oldest botanical gardens on how manja can kill a tree?

Options:

1) Two

2) Three

3) Five

4) Four

Correct Answer: Three

QID : 298 - 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.

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How can a tree be killed by a creeper?
Options:
1) By blocking its access to sunlight
2) By wrapping its tentacles around its branches
3) By sucking away the nutrients
4) By secreting toxic chemicals
Correct Answer: By blocking its access to sunlight
QID : 299 - 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.

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What would be the acronym for India's oldest botanical garden?

Options:

1) AJCBIBG

2) AJCBBGI

3) AJBCIBG

4) AJBCBGI

Correct Answer: AJCBIBG

QID : 300 - 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.

Manja, or the glass-coated string used for flying kites, not only poses threat to humans, animals and birds but also to trees. A study by the country's oldest botanical garden has revealed that it poses a great threat to trees. But how can a snapped string struck in a tree kill the tree? Apparently, it does so by allying with the creepers in the garden.

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What gives easy passage to 'climbers' to top of the trees?

Options:

1) Creepers

2) Torn kites

3) Lateral branches

4) Manja

Correct Answer: Manja