

SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017 Shift-1 (Reasoning)

QID : 1 - In the following question, select the related word pair from the given alternatives.

Canada : Ottawa :: ? : ?

Options:

- 1) Egypt : Cairo
- 2) Norway : Havana
- 3) France : Rome
- 4) Kenya : Teheran

Correct Answer: Egypt : Cairo

QID : 2 - In the following question, select the related letters from the given alternatives.

JQXE : LSZG :: MTNL : ?

Options:

- 1) OPVN
- 2) KRPN
- 3) OVPN
- 4) OPLJ

Correct Answer: OVPN

QID : 3 - In the following question, select the related number from the given alternatives.

7 : 48 :: 11 : ?

Options:

- 1) 120
- 2) 121
- 3) 131
- 4) 170

Correct Answer: 120

QID : 4 - In the following question, select the odd word from the given alternatives.

Options:

- 1) Square
- 2) Rectangle
- 3) Cylinder
- 4) Triangle

Correct Answer: Cylinder

QID : 5 - In the following question, select the odd letter from the given alternatives.

Options:

- 1) A
- 2) S
- 3) U
- 4) I

Correct Answer: S

QID : 6 - In the following question, select the odd number from the given alternatives.

Options:

- 1) 216
- 2) 125
- 3) 343
- 4) 510

Correct Answer: 510

QID : 7 - Arrange the given words in the sequence in which they occur in the dictionary.

1. Dragon
2. Dracula
3. Dormont
4. Drapery
5. Deviate

Options:

- 1) 53214
- 2) 53124
- 3) 53421
- 4) 53412

Correct Answer: 53214

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

KV, LU, MT, ?

Options:

- 1) NS
- 2) OS
- 3) OU
- 4) SN

Correct Answer: NS

QID : 9 - In the following question, select the missing number from the given series.

3, 4, 5, 4, 9, 10, 6, 16, 15, 9, 25, 20, 13, 36, ?

Options:

- 1) 17
- 2) 25
- 3) 28
- 4) 31

Correct Answer: 25

QID : 10 - The ratio of present ages of Anil and Aakash is 4 : 5. Three years later their ages will be in ratio 7 : 8. What is the present age (in years) of Anil?

Options:

- 1) 8
- 2) 6
- 3) 4
- 4) 10

Correct Answer: 4

QID : 11 - Karan remembers that his sister's birthday is not after 18th August. Karan's mother remembers that Karan's sister birthday is before 20th August but after 17th August. On which date of August is Karan's sister birthday?

Options:

- 1) 18
- 2) 17
- 3) 19
- 4) 20

Correct Answer: 18

QID : 12 - In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.

Superconductors

Options:

- 1) Sports
- 2) Spunt
- 3) Stern
- 4) Spectrum

Correct Answer: Spectrum

QID : 13 - In a certain code language, "PEN-TAN" is written as "0". How is "DEN-COB" written in that code language?

Options:

- 1) 8

2) 3

3) 9

4) 7

Correct Answer: 3

QID : 14 - If " \div " denotes "multiplied by", "+" denotes "subtracted from", "-" denotes "added to" and "x" denotes "divided by", then which of the following equation is true?

Options:

1) $16 + 19 \times 21 - 5 = 201$

2) $5 \times 6 + 4 \div 3 = 37/6$

3) $6 \times 3 + 12 \div 3 = 21$

4) $18 \times 6 \div 8 - 12 = 36$

Correct Answer: $18 \times 6 \div 8 - 12 = 36$

QID : 15 - If $5 \# 9 @ 7 = 52$ and $3 @ 9 \# 2 = -89$, then

$7 \# 6 @ 9 = ?$

Options:

1) 67

2) 56

3) 43

4) 28

Correct Answer: 67

QID : 16 -

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से प्रश्न चिन्ह (?) के स्थान पर आने वाली संख्या को चुनिए।

3	17
11	4

2	16
10	7

6	13
15	?

Options:

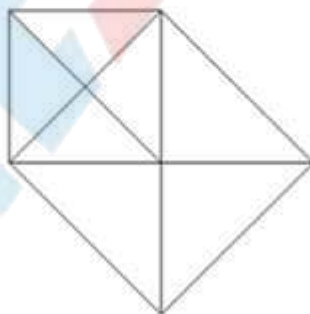
- 1) 1
- 2) 2
- 3) 3
- 4) 4

Correct Answer: 1

QID : 17 -

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



Options:

- 1) 12
- 2) 13

3) 15

4) 18

Correct Answer: 15

QID : 18 - In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. All stars are white.
- II. All white are moon.
- III. No moon is blue.

Conclusions:

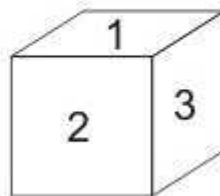
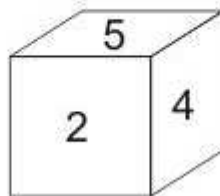
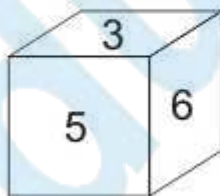
- I. Some moon are stars.
- II. No blue is stars.
- III. Some white are stars.
- IV. Some blue are white.

Correct Answer: Only conclusion (I), (II) and (III) follow.

QID : 19 -

Three positions of a cube are shown below. What will come opposite to face containing '5'?

नीचे एक घन की तीन अवस्थाएँ दर्शायी गयी हैं। अंक '5' के विपरीत फलक पर कौन सा अंक आयेगा?



Options:

1) 1

2) 3

3) 4

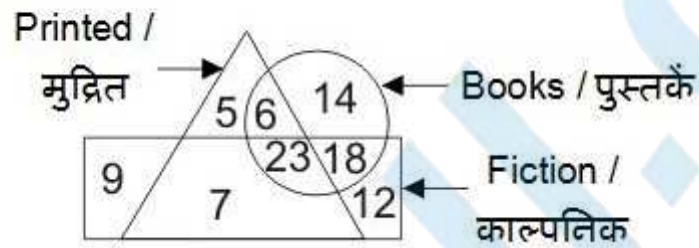
4) 6

Correct Answer: 1

QID : 20 -

In the given figure, how many books are fiction?

दी गई आकृति में, कितनी पुस्तकें काल्पनिक हैं?



Options:

1) 23

2) 18

3) 53

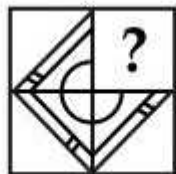
4) 41

Correct Answer: 41

QID : 21 -

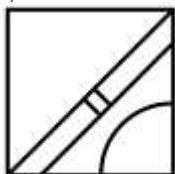
Which answer figure will complete the pattern in the question figure?

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



Options:

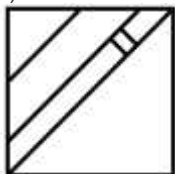
1)



2)



3)



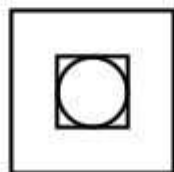
4)



QID : 22 -

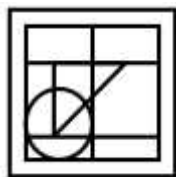
From the given answer figures, select the one in which the question figure is hidden/embedded.

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



Options:

1)



2)



3)



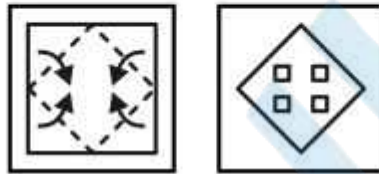
4)



QID : 23 -

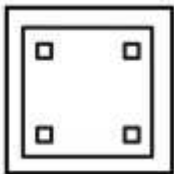
A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

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

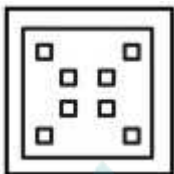


Options:

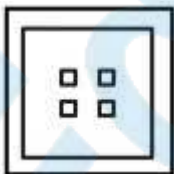
1)



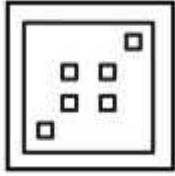
2)



3)



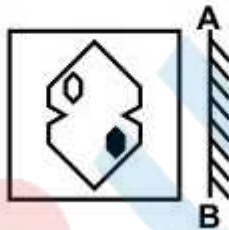
4)



QID : 24 -

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

यदि एक दर्पण को AB रेखा पर रखा जाए, तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति की सही प्रतिबिम्ब होगी?



Options:

1)



2)



3)



4)



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, 'P' can be represented by 32, 44, etc., and 'U' can be represented by 76, 88, etc. Similarly, you have to identify the set for the word "PALE".

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 है और आव्यूह-II की 5 से 9। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'P' को 32, 44, आदि द्वारा दर्शाया जा सकता है तथा 'U' को 76, 88, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "PALE" के लिए समूह को पहचानना है।

Matrix-I

आव्यूह-I

	0	1	2	3	4
0	R	P	S	I	A
1	I	A	R	P	S
2	P	S	I	A	R
3	A	R	P	S	I
4	S	I	A	R	P

Matrix-II

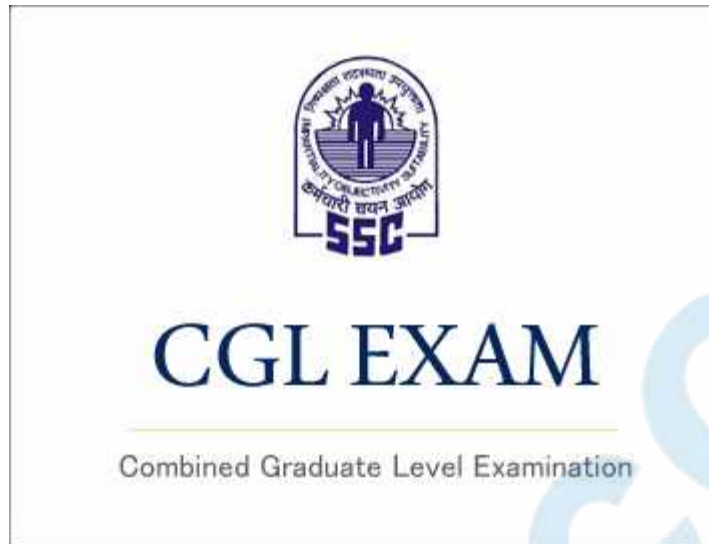
आव्यूह-II

	5	6	7	8	9
5	L	E	U	G	J
6	G	J	L	E	U
7	E	U	G	J	L
8	J	L	E	U	G
9	U	G	J	L	E

Options:

- 1) 43, 23, 55, 56
- 2) 33, 30, 67, 75
- 3) 11, 42, 86, 98
- 4) 20, 04, 79, 87

Correct Answer: 20, 04, 79, 87



SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017
Shift-1
(General Awareness)

QID : 26 - Which among the following is not an account under Balance of Payment?

Options:

- 1) Current Account
- 2) Capital Account
- 3) Official Reserves Account
- 4) Unilateral Payments Account

Correct Answer: Official Reserves Account

QID : 27 -

Match the following.

निम्नलिखित का मिलान कीजिए।

Term / शब्द	Meaning / अर्थ
1. Globalisation वैश्वीकरण	a. Process of reducing or removing restrictions on international trade. अंतरराष्ट्रीय व्यापार पर प्रतिबंध कम करना या हटाने की प्रक्रिया।
2. Privatisation निजीकरण	b. Process of interaction and integration among the people, companies and government of different nations. विभिन्न देशों के लोगों, कंपनियों तथा सरकारों के बीच अंतःक्रिया तथा एकीकरण की प्रक्रिया।
3. Liberalisation उदारीकरण	c. Called as denationalization or disinvestment. विराष्ट्रीयकरण या विनिवेश कहलाता है।

Options:

1) 1-c, 2-a, 3-b

2) 1-b, 2-c, 3-a

3) 1-b, 2-a, 3-c

4) 1-c, 2-b, 3-a

Correct Answer: 1-b, 2-c, 3-a

QID : 28 - Who appoints Governor of a state in India?

Options:

- 1) Prime Minister of India
- 2) Council of Minister
- 3) Judge of Supreme Court
- 4) President of India

Correct Answer: President of India

QID : 29 - What is the literal meaning of 'Certiorari'?

Options:

- 1) We command
- 2) To have the body of
- 3) To forbid
- 4) To be certified (or) to be informed

Correct Answer: To be certified (or) to be informed

QID : 30 - Which among the following Mughal Emperor was illiterate?

Options:

- 1) Shah Jahan
- 2) Aurangzeb
- 3) Akbar
- 4) Jahangir

Correct Answer: Akbar

QID : 31 - Where was the 'Azad Hind Fauj' founded?

Options:

- 1) Singapore
- 2) Thailand
- 3) Britain
- 4) Italy

Correct Answer: Singapore

QID : 32 - Strait of Malacca separates which two land masses?

Options:

- 1) Malay Peninsula and Indonesian Island of Sumatra
- 2) Africa and Europe
- 3) India and Sri Lanka
- 4) North America and South America

Correct Answer: Malay Peninsula and Indonesian Island of Sumatra

QID : 33 - The latitude which passes through Sikkim also passes through _____.

Options:

- 1) Haryana
- 2) Rajasthan
- 3) Uttarakhand
- 4) Himachal Pradesh

Correct Answer: Rajasthan

Candidate Answer: Himachal Pradesh

QID : 34 - Which of the following is not a plant hormone?

Options:

- 1) Gibberellic
- 2) Auxins
- 3) Cytokinins
- 4) Thyroxin

Correct Answer: Thyroxin

QID : 35 - Nephron is related to which of the following system of human body?

Options:

- 1) Circulatory system
- 2) Excretory system
- 3) Reproductive system
- 4) Respiratory system

Correct Answer: Excretory system

QID : 36 - Which Vitamin is obtained from Sun rays?

Options:

- 1) Vitamin A
- 2) Vitamin C
- 3) Vitamin K
- 4) Vitamin D

Correct Answer: Vitamin D

QID : 37 - Speed of light is maximum in _____.

Options:

- 1) vacuum
- 2) solids
- 3) liquids
- 4) gases

Correct Answer: vacuum

QID : 38 - What is the SI unit of electric current?

Options:

- 1) Newton
- 2) Joule
- 3) Ampere
- 4) Watt

Correct Answer: Ampere

QID : 39 - An IP address is _____ bit number.

Options:

- 1) 8
- 2) 32
- 3) 64
- 4) 104

Correct Answer: 32

QID : 40 - Process of losing electrons is known as _____.

Options:

- 1) oxidation
- 2) reduction
- 3) radiation
- 4) both oxidation and reduction

Correct Answer: oxidation

QID : 41 - Anions are formed by _____.

Options:

- 1) losing of electrons

- 2) gaining of electrons
- 3) gaining of neutrons
- 4) losing of neutrons

Correct Answer: gaining of electrons

QID : 42 - Which among the following is the major cause of acid rain?

Options:

- 1) Carbon dioxide
- 2) Carbon monoxide
- 3) Nitrogen dioxide
- 4) Oxygen

Correct Answer: Nitrogen dioxide

QID : 43 - First state to implement Saur Sujala Yojana is _____.

Options:

- 1) Chattisgarh
- 2) Uttaranchal
- 3) Gujarat
- 4) Maharashtra

Correct Answer: Chattisgarh

QID : 44 - Who is known for the invention of 'World Wide Web'?

Options:

- 1) Sir Tim-Berners-Lee
- 2) Maxwell
- 3) Martin Cooper
- 4) S A Forbes

Correct Answer: Sir Tim-Berners-Lee

QID : 45 - B. Sai Praneeth is associated with which of the following sport?

Options:

- 1) Hockey
- 2) Badminton
- 3) Chess
- 4) Boxing

Correct Answer: Badminton

QID : 46 - Which of the following pair is incorrect?

Options:

- 1) Muthuswami Dikshitar - Carnatic Music
- 2) Parveen Sultana – Singer
- 3) M.S. Gopalakrishnan – Violinist
- 4) Nandlal Bose – Flute

Correct Answer: Nandlal Bose – Flute

QID : 47 - Who among the following is the 2017 Asian Award recipient for the outstanding achievement in Cinema?

Options:

- 1) Kunal Nayyar
- 2) Vishal Bhardwaj
- 3) Om Puri
- 4) Zeishan Quadri

Correct Answer: Kunal Nayyar

QID : 48 - Who amongst the following is the author of the book "Rekha : The untold story" a biography on a veteran actress Rekha?

Options:

- 1) Yasser Usman
- 2) Anand Neelakantan
- 3) Ram Kamal Mukherjee
- 4) K. Vijay Kumar

Correct Answer: Yasser Usman

QID : 49 - Which among the following country exited from Trans Pacific Partnership (TTP) in Jan 2017 ?

Options:

- 1) Japan
- 2) USA
- 3) Mexico
- 4) Brunei

Correct Answer: USA

QID : 50 - Which of the following country doesn't matches to its famous tourist place?

Options:

- 1) China – Great Wall of China
- 2) Bhutan – Paro Taktsang
- 3) Nepal – Pashupatinath Temple
- 4) Sri Lanka – Padmanabhaswamy Temple

Correct Answer: Sri Lanka – Padmanabhaswamy Temple

SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017 Shift-1

(Mathematics)

QID : 51 - How many numbers are there from 2000 to 7000 which are both perfect squares and perfect cubes?

Options:

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

Correct Answer: 1

QID : 52 - 3 men or 4 women can complete a job in 120 days. 12 men and 16 women will complete the same job in how many days?

Options:

- 1) 12
- 2) 14
- 3) 15
- 4) 18

Correct Answer: 15

QID : 53 - If the diameter of a hemisphere is 21 cm, then what is the volume (in cm^3) of hemisphere?

Options:

- 1) 2810
- 2) 1250.5
- 3) 1725.25
- 4) 2425.5

Correct Answer: 2425.5

QID : 54 - After two successive discounts of 20% and 12% an article is sold for Rs 16896. What is the marked price (in Rs) of the article?

Options:

- 1) 21500
- 2) 23800
- 3) 22000
- 4) 24000

Correct Answer: 24000

QID : 55 - The ratio of speed of three racers is 3 : 4 : 6. What is the ratio of time taken by the three racers to cover the same distance?

Options:

- 1) 3:4:6
- 2) 6:4:3
- 3) 4:3:2
- 4) 2:3:5

Correct Answer: 4:3:2

QID : 56 - In a match, average of runs scored by 7 players is 53. If the runs scored by 6 players are 121, 40, 26, 56, 37 and 48, then how many runs did the 7th player scored?

Options:

- 1) 26
- 2) 37
- 3) 43
- 4) 48

Correct Answer: 43

QID : 57 - Mohit buys an old bicycle for Rs 2700 and spends Rs 500 on its repairs. If he sells the bicycle for Rs 3520, then what is his profit percentage?

Options:

- 1) 10
- 2) 12.5
- 3) 15
- 4) 20

Correct Answer: 10

QID : 58 - If the price of onion increases from Rs 24/kg to Rs 36/kg, then by what percentage a household should decrease the consumption of onion so that expenditure remains same?

Options:

- 1) 25
- 2) 33.33
- 3) 50
- 4) 20

Correct Answer: 33.33

QID : 59 - A train travels 20% faster than a car. Both start from point A at the same time and reach point B, 180 km away at the same time. On the way the train takes 30 minutes for stopping at the stations. What is the speed (in km/hr) of the train?

Options:

- 1) 56
- 2) 66
- 3) 72
- 4) 80

Correct Answer: 72

QID : 60 -

A sum of Rs 720 amounts to Rs 882 at simple interest in $1\frac{1}{2}$ years. In how many years will the sum Rs 800 amounts to Rs 1040 at the same rate?

720 रु. की राशि $1\frac{1}{2}$ वर्षों में साधारण ब्याज से 882 रु. हो जाती है, कितने वर्षों में 800 रु. की राशि समान दर से 1040 रु. हो जाएगी?

Options:

- 1) 25/7
- 2) 4
- 3) 31/7
- 4) 33/7

Correct Answer: 25/7

QID : 61 - If $(x/y)^{a-4} = (y/x)^{2a-5}$, then what is the relation between x and y?

Options:

- 1) $x > y$
- 2) Cannot be determined
- 3) $x < y$
- 4) $x = y$

Correct Answer: Cannot be determined

QID : 62 -

If $x + \frac{1}{x} = 3$, then what is the value of

$$\frac{x^4 + 5x^3 + 3x^2 + 5x + 1}{x^4 + 1}?$$

यदि $x + \frac{1}{x} = 3$, तो $\frac{x^4 + 5x^3 + 3x^2 + 5x + 1}{x^4 + 1}$

का मान क्या है?

Options:

- 1) 25/7
- 2) 4
- 3) 31/7
- 4) 33/7

Correct Answer: 25/7

QID : 63 - If $3a - (3/a) - 3 = 0$, then what is the value of $a^3 - (1/a^3) + 2$?

Options:

- 1) 0
- 2) 2
- 3) 4
- 4) 6

Correct Answer: 6

QID : 64 -

If $\frac{x + \sqrt{x^2 - 1}}{x - \sqrt{x^2 - 1}} + \frac{x - \sqrt{x^2 - 1}}{x + \sqrt{x^2 - 1}} = 194$, then what is the value of x ?

यदि $\frac{x + \sqrt{x^2 - 1}}{x - \sqrt{x^2 - 1}} + \frac{x - \sqrt{x^2 - 1}}{x + \sqrt{x^2 - 1}} = 194$, तो x का मान क्या है?

Options:

1) $7/2$

2) 4

3) 7

4) 14

Correct Answer: 7

QID : 65 - In $\triangle ABC$, AD is the median and $AD = (1/2)BC$. If $\angle ACD = 40^\circ$, then what is the value (in degrees) of $\angle DAB$?

Options:

1) 30

2) 40

3) 50

4) 80

Correct Answer: 50

QID : 66 - Circum-centre of $\triangle ABC$ is O . If $\angle BAC = 75^\circ$ and $\angle BCA = 80^\circ$, then what is the value (in degrees) of $\angle OAC$?

Options:

1) 45

2) 65

3) 90

4) 95

Correct Answer: 65

QID : 67- Smaller diagonal of a rhombus is equal to length of its sides. If length of each side is 4 cm, then what is the area (in cm^2) of an equilateral triangle with side equal to the bigger diagonal of the rhombus?

Options:

1) 6

2) $9\sqrt{3}$

3) 12

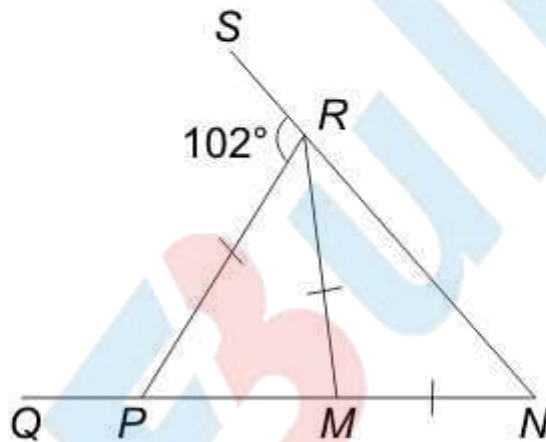
4) $12\sqrt{3}$

Correct Answer: $12\sqrt{3}$

QID : 68 -

In the given figure, $MN = RM = RP$, then what is the value (in degrees) of $\angle MPR$?

दी गई आकृति में, $MN = RM = RP$ है, तो $\angle MPR$ का मान (डिग्री में) क्या है?



Options:

1) 47

2) 68

3) 72

4) Cannot be determined

Correct Answer: 68

QID : 69 - What is the simplified value of $(\cos A + \sin A)(\cot A + \tan A)$?

Options:

1) $\sec A + \operatorname{cosec} A$

2) $\sin A + \cos A$

3) $\tan A + \cot A$

4) $\sec A - \operatorname{cosec} A$

Correct Answer: $\sec A + \operatorname{cosec} A$

QID : 70 -

What is the simplified value of $\sqrt{\frac{\operatorname{cosec} A}{\operatorname{cosec} A - 1} + \frac{\operatorname{cosec} A}{\operatorname{cosec} A + 1}}$?

$\sqrt{\frac{\operatorname{cosec} A}{\operatorname{cosec} A - 1} + \frac{\operatorname{cosec} A}{\operatorname{cosec} A + 1}}$ का सरलीकृत मान क्या है?

Options:

1) $\sqrt{2} \sec A$

2) $\sqrt{2} \operatorname{cosec} A$

3) $\sec 2 A$

4) $2 \sec A$

Correct Answer: $\sqrt{2} \sec A$

QID : 71 - If $2 \cos \theta = 2 - \sin \theta$, then what is the value of $\cos \theta$?

Options:

1) 1 or $3/5$

2) 1 or $-1/2$

3) -1 or $-1/2$

4) -1 or $3/5$

Correct Answer: 1 or $3/5$

QID : 72 -

The table given below shows the ratio of exports and imports of a country for 5 years.

Total trade = exports + imports

नीचे दी गई तालिका में एक देश के 5 वर्षों के निर्यात तथा आयात के अनुपात को दर्शाया गया है।

कुल व्यापार = आयात + निर्यात

Year वर्ष	Exports : Imports निर्यात : आयात
Year 1 / वर्ष 1	10 : 9
Year 2 / वर्ष 2	11 : 7
Year 3 / वर्ष 3	4 : 3
Year 4 / वर्ष 4	5 : 8
Year 5 / वर्ष 5	12 : 13

If the total trade of the country in year 3 was 1183 crore dollars, then what was the difference (in crore dollars) between exports and imports of the country in that year?

Options:

- 1) 169
- 2) 173
- 3) 142
- 4) 158

Correct Answer: 169

QID : 73 -

The table given below shows the ratio of exports and imports of a country for 5 years.

Total trade = exports + imports

नीचे दी गई तालिका में एक देश के 5 वर्षों के निर्यात तथा आयात के अनुपात को दर्शाया गया है।

कुल व्यापार = आयात + निर्यात

Year वर्ष	Exports : Imports निर्यात : आयात
Year 1 / वर्ष 1	10 : 9
Year 2 / वर्ष 2	11 : 7
Year 3 / वर्ष 3	4 : 3
Year 4 / वर्ष 4	5 : 8
Year 5 / वर्ष 5	12 : 13

The total trade for Year 2 and Year 4 is same. If exports of Year 4 are 315 crore dollars, then what are the imports (in crore dollars) of Year 2?

Options:

- 1) 306.4
- 2) 309.8
- 3) 323.7
- 4) 318.5

Correct Answer: 318.5

QID : 74 -

The table given below shows the ratio of exports and imports of a country for 5 years.

Total trade = exports + imports

नीचे दी गई तालिका में एक देश के 5 वर्षों के निर्यात तथा आयात के अनुपात को दर्शाया गया है।

कुल व्यापार = आयात + निर्यात

Year वर्ष	Exports : Imports निर्यात : आयात
Year 1 / वर्ष 1	10 : 9
Year 2 / वर्ष 2	11 : 7
Year 3 / वर्ष 3	4 : 3
Year 4 / वर्ष 4	5 : 8
Year 5 / वर्ष 5	12 : 13

Total trade of Year 1 is twice of the total trade of Year 5. If total trade of Year 1 is 5700 crore dollars, then what is the difference (in crore dollars) in exports of Year 1 and Year 5?

Options:

- 1) 1835
- 2) 1632
- 3) 1368
- 4) 1423

Correct Answer: 1632

QID : 75 -

The table given below shows the ratio of exports and imports of a country for 5 years.

Total trade = exports + imports

नीचे दी गई तालिका में एक देश के 5 वर्षों के निर्यात तथा आयात के अनुपात को दर्शाया गया है।

कुल व्यापार = आयात + निर्यात

Year वर्ष	Exports : Imports निर्यात : आयात
Year 1 / वर्ष 1	10 : 9
Year 2 / वर्ष 2	11 : 7
Year 3 / वर्ष 3	4 : 3
Year 4 / वर्ष 4	5 : 8
Year 5 / वर्ष 5	12 : 13

The total trade of 5 years is 3800, 3600, 2800, 3900 and 5000 crore dollars respectively. What is the difference (in crore dollars) in the average exports and average imports respectively?

Options:

- 1) 60
- 2) -60
- 3) -90
- 4) 120

Correct Answer: 60

SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017 Shift-2 (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'.

Inspite of the doctor's stern warning (1)/ Latika continued taking (2)/ sugars in her milk. (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'.

Myself and Roshni (1)/ will take care of (2)/ the event on Sunday. (3)/ No Error (4)

Options:

- 1) 1
- 2) 2
- 3) 3

4) 4

Correct Answer: 1

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.
_____ the rain stopped, the concert had to be suspended.

Options:

- 1) Until
- 2) Unless
- 3) Till
- 4) while

Correct Answer: Until

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 elephant stampeded and tore _____ the streets.

Options:

- 1) on
- 2) out
- 3) off
- 4) down

Correct Answer: down

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

Scuttle

Options:

- 1) Solitary
- 2) Superficial
- 3) Soothing
- 4) Brazier

Correct Answer: Brazier

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

Loquacious

Options:

- 1) Talkative
- 2) Foolishness
- 3) Graceful
- 4) Entertainer

Correct Answer: Talkative

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

Obfuscate

Options:

- 1) Envelop
- 2) Puzzle
- 3) Haze
- 4) Clarify

Correct Answer: Clarify

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

Triumph

Options:

- 1) Establish
- 2) Sorrow
- 3) Disdain
- 4) Elation

Correct Answer: Sorrow

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

Chicken-hearted

Options:

- 1) Coward
- 2) Short tempered
- 3) Composed
- 4) Bold

Correct Answer: Coward

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

Red letter day

Options:

- 1) Starting day
- 2) Holiday
- 3) Significant day
- 4) Ending day

Correct Answer: Significant day

QID : 186 - Improve the bracketed part of the sentence.

He jumped off the train while it (had been running).

Options:

- 1) has been running
- 2) ran
- 3) was running
- 4) No improvement

Correct Answer: was running

QID : 187 - Improve the bracketed part of the sentence.

I (didn't see) him since we met two years ago.

Options:

- 1) am not seeing
- 2) have not seen
- 3) had not seen
- 4) No improvement

Correct Answer: have not seen

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

One who is new to a profession

Options:

- 1) Nuance
- 2) Pun

- 3) Tyro
- 4) Vandal

Correct Answer: Tyro

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

A speech or a presentation made without previous preparation.

Options:

- 1) Euphemism
- 2) Obituary
- 3) Extempore
- 4) Soliloquy

Correct Answer: Extempore

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

Options:

- 1) Millionaire
- 2) Omission
- 3) Foreign
- 4) Proprietry

Correct Answer: Proprietry

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

Options:

- 1) Acquaintence
- 2) Appeasement
- 3) Abnormality
- 4) Accentuate

Correct Answer: Acquaintence

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.

P: And the victims are likely to be the poorest of the poor as well as the very sources of water- rivers, wetlands and aquifers.

Q: In India, water conflicts are likely to worsen before they begin to be resolved.

R: Till then they pose a significant threat to economic growth, security and health of the ecosystem.

S: Water is radically altering and affecting political boundaries all over world, between as well as within countries.

Options:

- 1) SQPR
- 2) PRQS
- 3) QRPS
- 4) PSQR

Correct Answer: SQPR

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.

P: For one, very few entrepreneurs are willing to take on a new outsource, unless it comes with a guarantee of a certain level of sales.

Q: This invariably acts as an incentive for outsources to be lax in developing the business.

R: Despite being the dominant partner in the relationship, the outsourcer doesn't always have all the advantages.

S: The trade refers to it as the minimum guarantee clause, which means that if a outsourcee is unable to reach an anticipated sales level, he will be compensated for the balance amount.

Options:

- 1) PRQS
- 2) SPQR
- 3) QSPR
- 4) RPSQ

Correct Answer: RPSQ

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

Somebody told me that there had been a robbery in the jewellery exhibition.

Options:

- 1) I was informed that there was a robbery in the jewellery exhibition.
- 2) I was told by somebody that there has been a robbery in the jewellery exhibition.
- 3) I was told by somebody about a robbery in the jewellery exhibition.
- 4) I was told about a robbery in the jewellery exhibition.

Correct Answer: I was told by somebody that there has been a robbery in the jewellery exhibition.

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.

Rohan said, "Where shall I be this time next month"

Options:

- 1) Rohan contemplated where shall he be that time the following month.
- 2) Rohan asked that where should be that time next month.
- 3) Rohan wondered where he should be that time the next month.
- 4) Rohan wondered where he would be that time the following month.

Correct Answer: Rohan wondered where he would be that time the following month.

QID : 196 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

The modes of action are _____ in science and religion.

Options:

- 1) similar
- 2) different
- 3) equal
- 4) relevant

Correct Answer: different

QID : 197 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

whereas religion is based on experience. Any religious _____ whether

Options:

- 1) experience
- 2) thought
- 3) festival
- 4) activity

Correct Answer: experience

QID : 198 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

it is Christ's or Ramakrishna's is personal and _____.

Options:

- 1) significant
- 2) irrelevant
- 3) subjective
- 4) objective

Correct Answer: subjective

QID : 199 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

Theory has to be corroborated by _____ proof providing material comforts.

Options:

- 1) intangible
- 2) transparent
- 3) tangible

4) unique

Correct Answer: tangible

QID : 200 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

Options:

- 1) implied
- 2) associated
- 3) designated
- 4) extended

Correct Answer: extended

SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017 Shift-2 (Reasoning)

QID : 101 - In the following question, select the related word from the given alternatives.

Pressure : Barometer :: ? : Odometer

Options:

- 1) Humidity
- 2) Distance
- 3) Thickness
- 4) Wind

Correct Answer: Distance

QID : 102 - In the following question, select the related letters from the given alternatives.

AEDM : ZQRN :: FLMO : ?

Options:

- 1) BZYS
- 2) CZYS
- 3) SZYB
- 4) YZBC

Correct Answer: BZYS

QID : 103 - In the following question, select the related number from the given alternatives.

243 : 578 :: 163 : ?

Options:

- 1) 291
- 2) 326
- 3) 347
- 4) 443

Correct Answer: 326

QID : 104 - In the following question, select the odd word from the given alternatives.

Options:

- 1) Flower
- 2) Fruit
- 3) Leaves
- 4) Root

Correct Answer: Root

QID : 105 - In the following question, select the odd letters from the given alternatives.

Options:

- 1) CEAC
- 2) FHDF
- 3) PRMP
- 4) TVRT

Correct Answer: PRMP

QID : 106 - In the following question, select the odd number pair from the given alternatives.

Options:

- 1) 2132 – 161
- 2) 2678 – 672
- 3) 4325 – 120
- 4) 6931 – 162

Correct Answer: 2132 – 161

QID : 107 - Arrange the given words in the sequence in which they occur in the dictionary.

- 1. Dillydallying
- 2. Dillydallied

- 3. Dillydally
- 4. Dilled
- 5. Dillydallies

Options:

- 1) 42351
- 2) 42531
- 3) 45312
- 4) 45321

Correct Answer: 42531

QID : 108 - In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

l m _ o _ n m _ l _ n _ _ n m l

Options:

- 1) molnon
- 2) nolmoo
- 3) nomloo
- 4) noolmm

Correct Answer: nolmoo

QID : 109 - In the following question, select the missing number from the given series.

21, 25, 52, 68, 193, ?

Options:

- 1) 229
- 2) 242
- 3) 257
- 4) 409

Correct Answer: 229

QID : 110 - Kamal starts walking from his home facing west direction. After walking 10 km he takes a right turn and walks another 10 km. He takes another right turn and walks 10 km to reach his school. How far (in km) and in which direction is he from his home?

Options:

- 1) 10, North

- 2) 10, South
- 3) 20, North-East
- 4) 20, South-West

Correct Answer: 10, North

QID : 111 - In a class, P has more marks than Q and R does not have the least marks. S has more marks than T and T has more marks than P, who among them will have the least marks?

Options:

- 1) P
- 2) Q
- 3) S
- 4) T

Correct Answer: Q

QID : 112 - In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.

RECIPROCATE

Options:

- 1) PROCEED
- 2) RACE
- 3) REPEAT
- 4) TEAR

Correct Answer: PROCEED

QID : 113 - In a certain code language, "CASIO" is written as "3119915". How is "CITIZEN" written in that code language?

Options:

- 1) 295629134
- 2) 3192295614
- 3) 3912659214
- 4) 3920926514

Correct Answer: 3920926514

QID : 114 - In the following question, correct the equation by interchanging the two signs.

$$6 \div 17 \times 51 + 6 - 12 = -4$$

Options:

- 1) \times and \div
- 2) $+$ and \div
- 3) $+$ and $-$
- 4) $-$ and \div

Correct Answer: \times and \div

QID : 115 - If $6 * 9 - 4 = 58$ and $3 * 9 - 7 = 34$, then in the expression $A * 4 - 9 = 91$, what is the value of 'A'?

Options:

- 1) 6.5
- 2) 17.5
- 3) 20.5
- 4) 30.5

Correct Answer: 20.5

QID : 116 -

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से प्रश्न चिह्न (?) के स्थान पर आने वाली संख्या को चुनिए।

	6	
5	93	7
	9	

	9	
8	65	7
	6	

	3	
?	63	6
	5	

Options:

- 1) 4
- 2) 6
- 3) 8
- 4) 16

Correct Answer: 4

QID : 117 -

How many triangles are there in the given figure?

नीचे दी गई आकृति में कितने त्रिभुज हैं?



Options:

- 1) 4
- 2) 5

3) 6

4) 7

Correct Answer: 6

QID : 118 - In the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. Some staplers are pins.
- II. All pins are markers.

Conclusions:

- I. Some staplers are markers.
- II. All markers are pins.

Options:

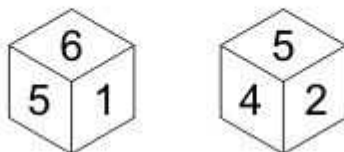
- 1) Only conclusion (I) follows.
- 2) Only conclusion (II) follows.
- 3) Neither conclusion (I) nor conclusion (II) follows.
- 4) Both conclusions follow.

Correct Answer: Only conclusion (I) follows.

QID : 119 -

Two positions of a cube are shown below. What will come opposite to face containing '4'?

नीचे एक घन की दो अवस्थाएँ दर्शायी गयी हैं। अंक '4' के विपरीत फलक पर कौन सा अंक आयेगा?



Options:

- 1) 1
- 2) 2
- 3) 3
- 4) 6

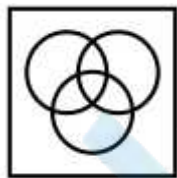
Correct Answer: 1

QID : 120 - Identify the diagram that best represents the relationship among the given classes.

Green, Mango, Fruits

Options:

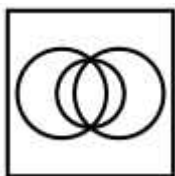
- 1)



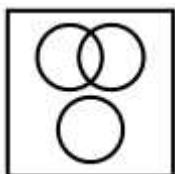
- 2)



3)



4)



Correct Answer:

QID : 121 -

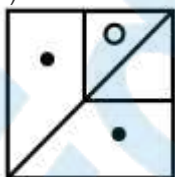
Which answer figure will complete the pattern in the question figure?

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

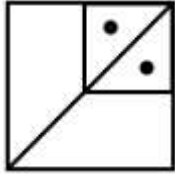


Options:

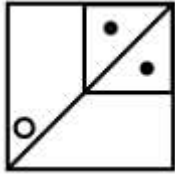
1)



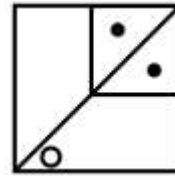
2)



3)



4)



Correct Answer:

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 उत्तर आकृति को चुनिए जिस में प्रश्न आकृति निहित है।



Options:

1)



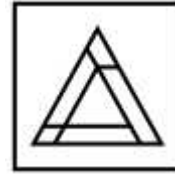
2)



3)



4)

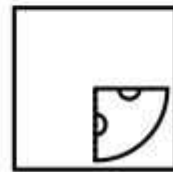
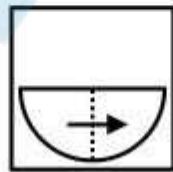
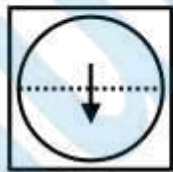


Correct Answer:

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?

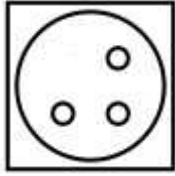
नीचे के प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर छेदने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?



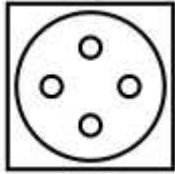
2)

Options:

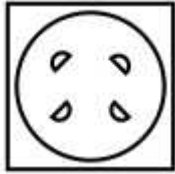
1)



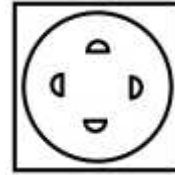
2)



3)



4)

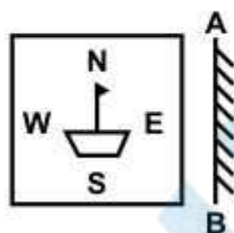


Correct Answer:

QID : 124 -

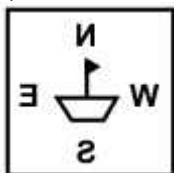
If a mirror is placed on the line AB, then which of the answer figure is the right image of the given figure?

यदि एक दर्पण को AB रेखा पर रखा जाए, तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति की सही प्रतिबिम्ब होगी?

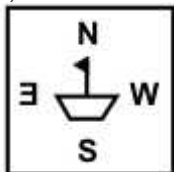


Options:

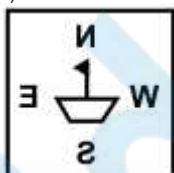
1)



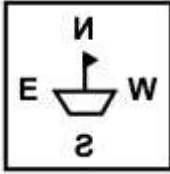
2)



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, 'A' can be represented by **20, 43**, etc., and 'U' can be represented by **68, 87**, etc. Similarly, you have to identify the set for the word "GUIDE".

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 नीचे दिए गए दो आव्यूहों में है। **आव्यूह-I** के स्तम्भ और पंक्ति की संख्या 0 से 4 दी गई है, और **आव्यूह-II** की 5 से 9। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया गया है। उदाहरण के लिए 'A' को **20, 43**, आदि द्वारा दर्शाया जा सकता है तथा 'U' को **68, 87**, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए गए शब्द "GUIDE" के लिए समूह को पहचानना है।

Matrix-I
आव्यूह-I

	0	1	2	3	4
0	G	L	A	R	E
1	L	A	R	E	G
2	A	R	E	G	L
3	R	E	G	L	A
4	E	G	L	A	R

Matrix-II
आव्यूह-II

	5	6	7	8	9
5	B	U	I	L	D
6	L	D	B	U	I
7	U	I	L	D	B
8	D	B	U	I	L
9	I	L	D	B	U

Options:

- 1) 00, 68, 95, 58, 04
- 2) 14, 75, 88, 87, 40
- 3) 23, 99, 76, 78, 31

4) 41, 87, 57, 66, 12

Correct Answer: 23, 99, 76, 78, 31

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SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017 Shift-2 (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'.

Inspite of the doctor's stern warning (1)/ Latika continued taking (2)/ sugars in her milk. (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'.

Myself and Roshni (1)/ will take care of (2)/ the event on Sunday. (3)/ No Error (4)

Options:

- 1) 1
- 2) 2
- 3) 3

4) 4

Correct Answer: 1

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.
_____ the rain stopped, the concert had to be suspended.

Options:

- 1) Until
- 2) Unless
- 3) Till
- 4) while

Correct Answer: Until

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 elephant stampeded and tore _____ the streets.

Options:

- 1) on
- 2) out
- 3) off
- 4) down

Correct Answer: down

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

Scuttle

Options:

- 1) Solitary
- 2) Superficial
- 3) Soothing
- 4) Brazier

Correct Answer: Brazier

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

Loquacious

Options:

- 1) Talkative
- 2) Foolishness
- 3) Graceful
- 4) Entertainer

Correct Answer: Talkative

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

Obfuscate

Options:

- 1) Envelop
- 2) Puzzle
- 3) Haze
- 4) Clarify

Correct Answer: Clarify

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

Triumph

Options:

- 1) Establish
- 2) Sorrow
- 3) Disdain
- 4) Elation

Correct Answer: Sorrow

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

Chicken-hearted

Options:

- 1) Coward
- 2) Short tempered
- 3) Composed
- 4) Bold

Correct Answer: Coward

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

Red letter day

Options:

- 1) Starting day
- 2) Holiday
- 3) Significant day
- 4) Ending day

Correct Answer: Significant day

QID : 186 - Improve the bracketed part of the sentence.

He jumped off the train while it (had been running).

Options:

- 1) has been running
- 2) ran
- 3) was running
- 4) No improvement

Correct Answer: was running

QID : 187 - Improve the bracketed part of the sentence.

I (didn't see) him since we met two years ago.

Options:

- 1) am not seeing
- 2) have not seen
- 3) had not seen
- 4) No improvement

Correct Answer: have not seen

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

One who is new to a profession

Options:

- 1) Nuance
- 2) Pun

- 3) Tyro
- 4) Vandal

Correct Answer: Tyro

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

A speech or a presentation made without previous preparation.

Options:

- 1) Euphemism
- 2) Obituary
- 3) Extempore
- 4) Soliloquy

Correct Answer: Extempore

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

Options:

- 1) Millionaire
- 2) Omission
- 3) Foreign
- 4) Proprietry

Correct Answer: Proprietry

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

Options:

- 1) Acquaintence
- 2) Appeasement
- 3) Abnormality
- 4) Accentuate

Correct Answer: Acquaintence

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.

P: And the victims are likely to be the poorest of the poor as well as the very sources of water- rivers, wetlands and aquifers.

Q: In India, water conflicts are likely to worsen before they begin to be resolved.

R: Till then they pose a significant threat to economic growth, security and health of the ecosystem.

S: Water is radically altering and affecting political boundaries all over world, between as well as within countries.

Options:

- 1) SQPR
- 2) PRQS
- 3) QRPS
- 4) PSQR

Correct Answer: SQPR

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.

P: For one, very few entrepreneurs are willing to take on a new outsource, unless it comes with a guarantee of a certain level of sales.

Q: This invariably acts as an incentive for outsources to be lax in developing the business.

R: Despite being the dominant partner in the relationship, the outsourcer doesn't always have all the advantages.

S: The trade refers to it as the minimum guarantee clause, which means that if a outsourcee is unable to reach an anticipated sales level, he will be compensated for the balance amount.

Options:

- 1) PRQS
- 2) SPQR
- 3) QSPR
- 4) RPSQ

Correct Answer: RPSQ

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

Somebody told me that there had been a robbery in the jewellery exhibition.

Options:

- 1) I was informed that there was a robbery in the jewellery exhibition.
- 2) I was told by somebody that there has been a robbery in the jewellery exhibition.
- 3) I was told by somebody about a robbery in the jewellery exhibition.
- 4) I was told about a robbery in the jewellery exhibition.

Correct Answer: I was told by somebody that there has been a robbery in the jewellery exhibition.

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.

Rohan said, "Where shall I be this time next month"

Options:

- 1) Rohan contemplated where shall he be that time the following month.
- 2) Rohan asked that where should be that time next month.
- 3) Rohan wondered where he should be that time the next month.
- 4) Rohan wondered where he would be that time the following month.

Correct Answer: Rohan wondered where he would be that time the following month.

QID : 196 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

The modes of action are _____ in science and religion.

Options:

- 1) similar
- 2) different
- 3) equal
- 4) relevant

Correct Answer: different

QID : 197 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

whereas religion is based on experience. Any religious _____ whether

Options:

- 1) experience
- 2) thought
- 3) festival
- 4) activity

Correct Answer: experience

QID : 198 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

it is Christ's or Ramakrishna's is personal and _____.

Options:

- 1) significant
- 2) irrelevant
- 3) subjective
- 4) objective

Correct Answer: subjective

QID : 199 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

Theory has to be corroborated by _____ proof providing material comforts.

Options:

- 1) intangible
- 2) transparent
- 3) tangible

4) unique

Correct Answer: tangible

QID : 200 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The modes of action are _____ in science and religion. Science relies on experiment, whereas religion is based on experience. Any religious _____ whether it is Christ's or Ramakrishna's is personal and _____. Science, on the other hand is marked by objectivity. Theory has to be corroborated by _____ proof providing material comforts. The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

The frontiers of science do not end in knowledge but are _____ to the formation of appliances for actual use.

Options:

- 1) implied
- 2) associated
- 3) designated
- 4) extended

Correct Answer: extended

SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017 Shift-3 (Reasoning)

QID : 201 - In the following question, select the related word pair from the given alternatives.

Fire : Burn :: ? : ?

Options:

- 1) Water : Drink
- 2) Wood : Trees
- 3) Ice : Freeze
- 4) Flower : Rose

Correct Answer: Ice : Freeze

QID : 202 - In the following question, select the related letters from the given alternatives.

KLMN : IJKL :: TUVW : ?

Options:

- 1) RSUT
- 2) VWXY
- 3) STUV
- 4) RSTU

Correct Answer: RSTU

QID : 203 - In the following question, select the related number from the given alternatives.

3 : 27 :: 4 : ?

Options:

- 1) 63
- 2) 64
- 3) 65
- 4) 15

Correct Answer: 64

QID : 204 - In the following question, select the odd word from the given alternatives.

Options:

- 1) Ludo
- 2) Chess
- 3) Polo
- 4) Carrom

Correct Answer: Polo

QID : 205 - In the following question, select the odd letters from the given alternatives.

Options:

- 1) DGJ
- 2) KNQ
- 3) RUX
- 4) ILN

Correct Answer: ILN

QID : 206 - In the following question, select the odd number from the given alternatives.

Options:

- 1) 31
- 2) 37
- 3) 43
- 4) 49

Correct Answer: 49

QID : 207 - Arrange the given words in the sequence in which they occur in the dictionary.

1. Storm
2. Strap
3. Strangle
4. Stamped
5. Satire

Options:

- 1) 51432
- 2) 51342
- 3) 54132
- 4) 53412

Correct Answer: 54132

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

BT, DR, FP, ?

Options:

- 1) HO
- 2) HN
- 3) NH
- 4) OH

Correct Answer: HN

QID : 209 - In the following question, select the missing number from the given series.

3, 8, 5, 27, 8, 64, 12, 125, 17, ?

Options:

- 1) 216
- 2) 361
- 3) 625
- 4) 441

Correct Answer: 216

QID : 210 - The ratio of present ages of P and Q is 5 : 8. Three years later their ages will be in ratio 8 : 11. What is the present age (in years) of Q?

Options:

- 1) 5
- 2) 11
- 3) 14
- 4) 8

Correct Answer: 8

QID : 211 - Pointing to a lady, Diwakar said, "Her mother's only grandson is my son." How is that lady related to Diwakar?

Options:

- 1) Aunty
- 2) Sister
- 3) Mother
- 4) Wife

Correct Answer: Sister

QID : 212 - In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.

Biological

Options:

- 1) Logic
- 2) Globe
- 3) Bail
- 4) Bill

Correct Answer: Globe

QID : 213 - In a certain code language, "who are you" is written as "432", "they is you" is written as "485" and "they are dangerous" is written as "295". How is "dangerous" written in that code language?

Options:

- 1) 2

2) 4

3) 5

4) 9

Correct Answer: 9

QID : 214 - If "P" denotes "multiplied by", "R" denotes "subtracted from", "S" denotes "added to" and "Q" denotes "divided by", then which of the following equation is true?

Options:

1) $18 R 60 Q 15 S 2 = 8$

2) $15 S 16 Q 2 P 4 = 47$

3) $3 P 5 R 18 Q 3 = 6$

4) $15 S 28 Q 4 P 2 = 27$

Correct Answer: $15 S 16 Q 2 P 4 = 47$

QID : 215 - If $4 * 7 * 2 = 361$ and $5 * 9 * 1 = 480$, then

$2 * 1 * 3 = ?$

Options:

1) 312

2) 324

3) 210

4) 102

Correct Answer: 102

QID : 216 -

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से प्रश्न चिन्ह (?) के स्थान पर आने वाली संख्या को चुनिए।

3	10	6	186
9	5	3	138
5	7	1	36
3	2	5	?

Options:

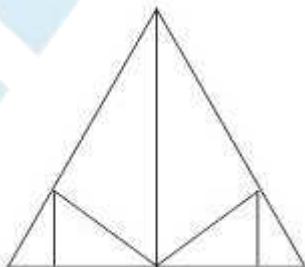
- 1) 35
- 2) 42
- 3) 45
- 4) 95

Correct Answer: 35

QID : 217 -

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



Options:

- 1) 10

2) 11

3) 12

4) 13

Correct Answer: 11

QID : 218 - In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All cups are vegetable.

II. All vegetable are pens.

Conclusions:

I. Some pens are vegetable.

II. Some pens are cups.

Options:

1) Only conclusion (I) follows.

2) Only conclusion (II) follows.

3) Both conclusion follow.

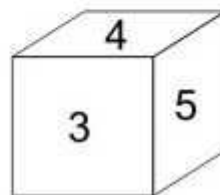
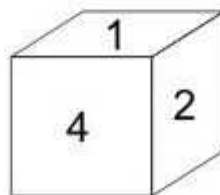
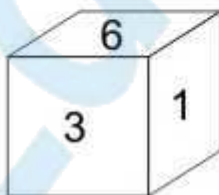
4) Neither conclusion (I) nor conclusion (II) follows.

Correct Answer: Both conclusion follow.

QID : 219 -

Three positions of a cube are shown below. What will come opposite to face containing '5'?

नीचे एक घन की तीन अवस्थाएँ दर्शायी गयी हैं। अंक '5' के विपरीत फलक पर कौन सा अंक आयेगा?



Options:

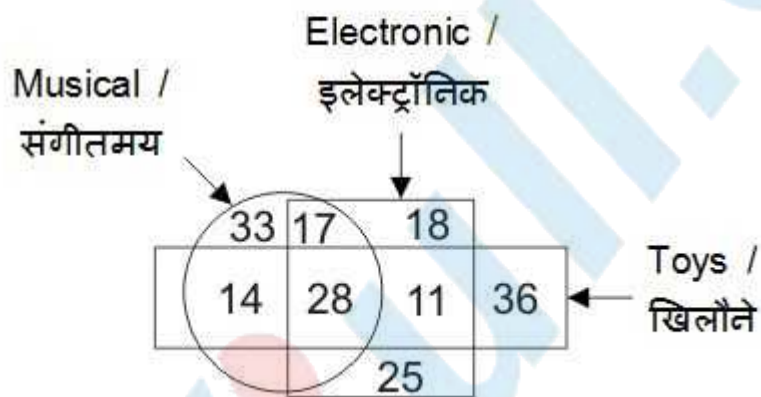
- 1) 6
- 2) 1
- 3) 3
- 4) 2

Correct Answer: 1

QID : 220 -

In the given figure, how many are musical toys?

दी गई आकृति में, कितने संगीतमय खिलौने हैं?



Options:

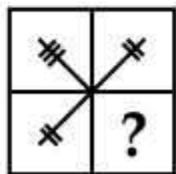
- 1) 53
- 2) 61
- 3) 42
- 4) 45

Correct Answer: 42

QID : 221 -

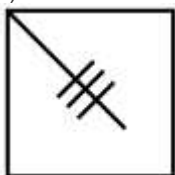
Which answer figure will complete the pattern in the question figure?

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

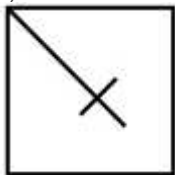


Options:

1)



2)



3)

4)

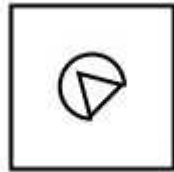


Correct Answer:

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 उत्तर आकृति को चुनिए जिस में प्रश्न आकृति निहित है।



Options:

1)



2)



3)



4)

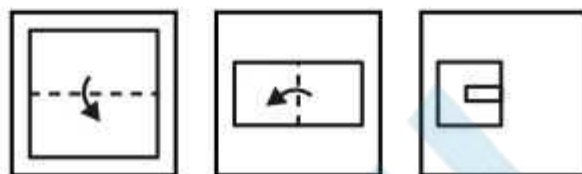


Correct Answer:

QID : 223 -

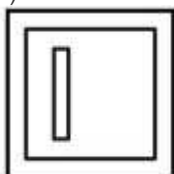
A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

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

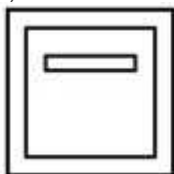


Options:

1)



2)



3)



4)

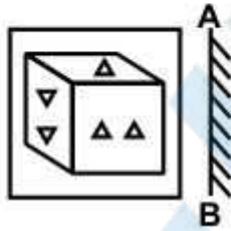


Correct Answer:

QID : 224 -

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

यदि एक दर्पण को AB रेखा पर रखा जाए, तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति की 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, 'S' can be represented by 21, 43, etc., and 'O' can be represented by 65, 88, etc. Similarly, you have to identify the set for the word "SPEAK".

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 है और आव्यूह-II की 5 से 9। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'S' को 21, 43, आदि द्वारा दर्शाया जा सकता है तथा 'O' को 65, 88, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "SPEAK" के लिए समूह को पहचानना है।

Matrix-I
आव्यूह-I

	0	1	2	3	4
0	I	C	E	P	S
1	S	E	P	I	C
2	E	S	I	C	P
3	C	P	S	E	I
4	P	I	C	S	E

Matrix-II
आव्यूह-II

	5	6	7	8	9
5	R	O	A	K	B
6	O	A	K	B	R
7	A	K	B	R	O
8	K	B	R	O	A
9	B	R	O	A	K

Options:

- 1) 10, 12, 11, 66, 58
- 2) 43, 31, 33, 89, 86
- 3) 21, 40, 44, 56, 99

4) 32, 03, 20, 97, 66

Correct Answer: 10, 12, 11, 66, 58

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SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017
Shift-3
(General Awareness)

QID : 226 - Which one of the following is not an instrument of credit control in India?

Options:

- 1) Rationing of credit
- 2) Direct Action
- 3) Open Market operations
- 4) Variable cost reserve ratios

Correct Answer: Variable cost reserve ratios

QID : 227 - Which among the following is an example of micro-economic variable?

Options:

- 1) National Income
- 2) Aggregate Supply
- 3) Employment
- 4) Consumer's Equilibrium

Correct Answer: Consumer's Equilibrium

QID : 228 - Fundamental duties are mentioned in which of the following part of Indian Constitution?

Options:

- 1) Part II
- 2) Part III

- 3) Part V
- 4) Part IV A

Correct Answer: Part IV A

QID : 229 - What is the minimum age for becoming a Governor of state in India?

Options:

- 1) 30 years
- 2) 25 years
- 3) 35 years
- 4) 45 years

Correct Answer: 35 years

QID : 230 - Who amongst the following was the successor of Sikh Guru Har Krishan?

Options:

- 1) Guru Angad Dev
- 2) Guru Tegh Bahadur
- 3) Guru Hargobind
- 4) Guru Amar Das

Correct Answer: Guru Tegh Bahadur

QID : 231 - Lord Cornwallis is known for _____.

Options:

- 1) permanent revenue settlement of Bengal
- 2) attacking the caste system
- 3) land revenue settlement of United States
- 4) ryotwari settlement of Madras

Correct Answer: permanent revenue settlement of Bengal

QID : 232 - 49th Parallel is the boundary line between which two countries?

Options:

- 1) USA and Canada
- 2) North and South Vietnam
- 3) Germany and France
- 4) Brazil and Chile

Correct Answer: USA and Canada

QID : 233 - How does La-Nina affect the Pacific Ocean?

Options:

- 1) Decreases salinity of ocean
- 2) Cools down the temperature of water
- 3) Maintains stable temperature of water
- 4) Increases salinity of ocean

Correct Answer: Cools down the temperature of water

QID : 234 - Cinnamon is obtained from which part of the plant?

Options:

- 1) Stem
- 2) Bark
- 3) Roots
- 4) Fruits

Correct Answer: Bark

QID : 235 - Insulin is a kind of _____

Options:

- 1) hormone
- 2) protein
- 3) enzyme
- 4) vitamin

Correct Answer: hormone

QID : 236 - Which among the following carries impure blood to human heart?

Options:

- 1) Aorta
- 2) Pulmonary vein
- 3) Pulmonary arteries
- 4) Vena Cava

Correct Answer: Pulmonary arteries

QID : 237 - Why does water tank appear shallower when viewed from the top?

Options:

- 1) Due to reflection
- 2) Due to refraction
- 3) Due to diffraction

4) Due to total internal reflection

Correct Answer: Due to refraction

QID : 238 - Which colour is formed when Red and Green are mixed?

Options:

- 1) Light blue
- 2) Yellow
- 3) White
- 4) Grey

Correct Answer: Yellow

QID : 239 - What is the full form of JPEG?

Options:

- 1) Joint Photographic Experts Group
- 2) Joint Protocol Experts Graphics.
- 3) Joint Programming Experts Graphics
- 4) Joint Project Experts Group

Correct Answer: Joint Photographic Experts Group

QID : 240 - What is an endothermic reaction?

Options:

- 1) Reaction in which heat is released.
- 2) Reaction in which heat is absorbed.
- 3) Reaction in which neither heat is released nor absorbed.
- 4) None of these

Correct Answer: Reaction in which heat is absorbed.

QID : 241 - Which of the following is an ore of Aluminium?

Options:

- 1) Galena
- 2) Cryollite
- 3) Cinnabar
- 4) Epsom Salt

Correct Answer: Cryollite

QID : 242 - Which of the following gas was released during Bhopal gas tragedy?

Options:

- 1) Methyl isocyanate
- 2) Sodium isothiocyanate
- 3) Nitrogen isothiocyanate
- 4) Potassium isothiocyanate

Correct Answer: Methyl isocyanate

QID : 243 - What is the name of the scheme for the Employees State Insurance Corporation (ESIC) beneficiaries launched in Delhi region?

Options:

- 1) Sakushal Humesha
- 2) Kahin bhi kabhi bhi
- 3) Jeevan Arogya
- 4) Shramik Kalyan

Correct Answer: Kahin bhi kabhi bhi

QID : 244 -

Match the following.

निम्नलिखित का मिलान कीजिए।

Scientist / वैज्ञानिक	Discovery / खोज
1. Joseph Thomson जॉसेफ थॉमसन	a. Optical Fiber ऑप्टिकल फाइबर (प्रकाशिक फाइबर)
2. Alexander Fleming अलेक्जेंडर फ्लेमिंग	b. Radium रेडियम
3. Narinder Kapany नरिंदर कापनी	c. Electron इलेक्ट्रॉन
4. Marie Curie मैरी क्यूरी	d. Penicillin पेनिसिलिन

Options:

- 1) 1-c, 2-d, 3-a, 4-b
- 2) 1-a, 2-d, 3-c, 4-b
- 3) 1-c, 2-a, 3-d, 4-b
- 4) 1-a, 2-d, 3-b, 4-c

Correct Answer: 1-c, 2-d, 3-a, 4-b

QID : 245 - Term ' Gambit ' is associated with which of the following sport?

Options:

- 1) Basketball
- 2) Chess
- 3) Boxing
- 4) Golf

Correct Answer: Chess

QID : 246 - Madhuri Dixit is associated with which Indian Dance form?

Options:

- 1) Bharatnatyam
- 2) Kuchipudi
- 3) Kathak
- 4) Kathakali

Correct Answer: Kathak

QID : 247 - Who among the following is a Sanjay Chopra Award recipient for 2016?

Options:

- 1) Abhinash Mishra
- 2) Arjun Singh
- 3) Aromal SM
- 4) Srawanand Saha

Correct Answer: Arjun Singh

QID : 248 - 'My Story' is an autobiography of which famous cricketer?

Options:

- 1) Kumar Sangakara
- 2) Kevin Peterson
- 3) Brendon Mccullum
- 4) Michael Clarke

Correct Answer: Michael Clarke

QID : 249 - Which country has approved more than 500 new settler homes in East Jerusalem?

Options:

- 1) USA
- 2) UAE
- 3) Israel
- 4) United Kingdom

Correct Answer: Israel

QID : 250 - Which of the following country is not a member of SAARC?

Options:

- 1) Nepal
- 2) Maldives
- 3) China

4) Afghanistan

Correct Answer: China

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SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017 Shift-3
(Mathematics)

QID : 251 - By which least number should 5000 be divided so that it becomes a perfect square?

Options:

- 1) 2
- 2) 5
- 3) 10
- 4) 25

Correct Answer: 2

QID : 252 - A can do a work in 8 days, B can do the same work in 10 days and C can do the same work in 12 days. If all three of them do the same work together and they are paid Rs 7400, then what is the share (in Rs) of B?

Options:

- 1) 2600
- 2) 3000
- 3) 2400
- 4) 2000

Correct Answer: 2400

QID : 253 - If the radius of the cylinder is increased by 25%, then by how much percent the height must be reduced, so that the volume of the cylinder remains same?

Options:

- 1) 36
- 2) 56
- 3) 64

4) 46

Correct Answer: 36

QID : 254 - The marked price of an article is 20% more than its cost price. If 5% discount is given on the marked price, then what is the profit percentage?

Options:

1) 5

2) 14

3) 15

4) 25

Correct Answer: 14

QID : 255 - If $A : B = 2 : 5$, $B : C = 4 : 3$ and $C : D = 2 : 1$, then what is value of $A : C : D$?

Options:

1) $6 : 5 : 2$

2) $7 : 20 : 10$

3) $8 : 30 : 15$

4) $16 : 30 : 15$

Correct Answer: $16 : 30 : 15$

QID : 256 - The average runs conceded by a bowler in 5 matches is 45 and 15.75 in other 4 matches. What is the average runs conceded by the bowler in 9 matches?

Options:

1) 15

2) 32

3) 35

4) 53.5

Correct Answer: 32

QID : 257 - A person bought pens at 25 for a rupee and sold at 15 for a rupee. What is his profit percentage?

Options:

1)

$16\frac{2}{3}$

2)

$33\frac{1}{3}$

3)

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

4) 40

Correct Answer:

QID : 258 - 80 litre mixture of milk and water contains 10% milk. How much milk (in litres) must be added to make water percentage in the mixture as 80%?

Options:

- 1) 8
- 2) 9
- 3) 10
- 4) 12

Correct Answer: 10

QID : 259 - A bus starts running with the initial speed of 21 km/hr and its speed increases every hour by 3 km/hr. How many hours will it take to cover a distance of 252 km?

Options:

- 1) 3
- 2) 5
- 3) 8
- 4) 10

Correct Answer: 8

QID : 260 - A sum of Rs 400 becomes Rs 448 at simple interest in 2 years. In how many years will the sum of Rs 550 amounts to Rs 682 at the same rate?

Options:

- 1) 2
- 2) 3
- 3) 3.5
- 4) 4

Correct Answer: 4

QID : 261 -

What is the value of $\frac{1+x}{1-x^4} \div \frac{x^2}{1+x^2} \times x(1-x)$?

$\frac{1+x}{1-x^4} \div \frac{x^2}{1+x^2} \times x(1-x)$ का मान क्या है?

Options:

- 1) $1/x$

2) $x^2 - 1$

3) $x + 1$

4) x

Correct Answer: $1/x$

QID : 262 -

If $x + \frac{1}{x} = 17$, then what is the value of $\frac{x^4 + \frac{1}{x^2}}{x^2 - 3x + 1}$?

यदि $x + \frac{1}{x} = 17$, तो $\frac{x^4 + \frac{1}{x^2}}{x^2 - 3x + 1}$ का मान क्या है?

Options:

1) $2431/7$

2) $3375/7$

3) $3375/14$

4) $3985/9$

Correct Answer: $2431/7$

QID : 263 -

What is the value of x in the equation

$$\sqrt{\frac{1+x}{x}} - \sqrt{\frac{x}{1+x}} = \frac{1}{\sqrt{6}}?$$

समीकरण $\sqrt{\frac{1+x}{x}} - \sqrt{\frac{x}{1+x}} = \frac{1}{\sqrt{6}}$ में x का

मान क्या है?

Options:

1) -2

2) 3

3) 2

4) None of these

Correct Answer: 2

QID : 264 -

If $2\left[x^2 + \frac{1}{x^2}\right] - 2\left[x - \frac{1}{x}\right] - 8 = 0$, then what are the two values of $x - \frac{1}{x}$?

यदि $2\left[x^2 + \frac{1}{x^2}\right] - 2\left[x - \frac{1}{x}\right] - 8 = 0$, तो $x - \frac{1}{x}$ के दो मान क्या हैं?

Options:

- 1) -1 or 2
- 2) 1 or -2
- 3) -1 or -2
- 4) 1 or 2

Correct Answer: -1 or 2

QID : 265 - In $\triangle ABC$, $\angle BAC = 90^\circ$ and AD is drawn perpendicular to BC. If BD = 7 cm and CD = 28 cm, then what is the length (in cm) of AD?

Options:

- 1) 3.5
- 2) 7
- 3) 10.5
- 4) 14

Correct Answer: 14

QID : 266 - A chord of length 60 cm is at a distance of 16 cm from the centre of a circle. What is the radius (in cm) of the circle?

Options:

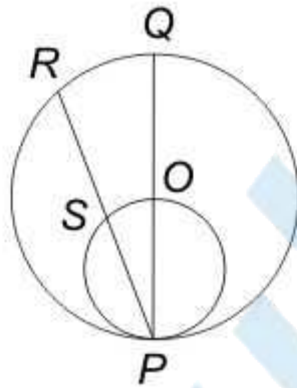
- 1) 17
- 2) 34
- 3) 51
- 4) 68

Correct Answer: 34

QID : 267 -

In the given figure, a smaller circle touches a larger circle at P and passes through its centre O . PR is a chord of length 34 cm, then what is the length (in cm) of PS ?

दी गई आकृति में, एक छोटा वृत्त एक बड़े वृत्त को बिंदु P पर स्पर्श कर रहा है तथा उसके केंद्र O से होकर गुजरता है। PR एक जीवा है जिसकी लम्बाई 34 से.मी. है, तो PS की लम्बाई (से.मी. में) क्या है?



Options:

1) 9

2) 17

3) 21

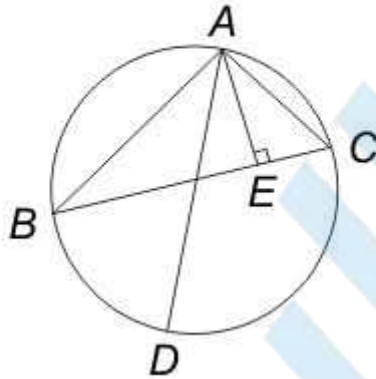
4) 25

Correct Answer: 17

QID : 268 -

In the given figure, ABC is a triangle in which, $AB = 10$ cm, $AC = 6$ cm and altitude $AE = 4$ cm. If AD is the diameter of the circum-circle, then what is the length (in cm) of circum-radius?

दी गई आकृति में, ABC एक त्रिभुज है जिसमें $AB = 10$ से.मी., $AC = 6$ से.मी. तथा शीर्षलम्ब $AE = 4$ से.मी. है। यदि AD बाह्य वृत्त का व्यास है, तो बाह्य त्रिज्या की लम्बाई (से.मी. में) क्या है?



Options:

- 1) 3
- 2) 7.5
- 3) 12
- 4) 15

Correct Answer: 7.5

QID : 269 - What is the simplified value of $\operatorname{cosec}^6 A - \cot^6 A - 3 \operatorname{cosec}^2 A \cot^2 A$?

Options:

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

Correct Answer: 1

QID : 270 -

What is the simplified value of $\sqrt{\frac{\sec A - 1}{\sec A + 1}}$?

$\sqrt{\frac{\sec A - 1}{\sec A + 1}}$ का सरलीकृत मान क्या है?

Options:

1) cosec A – cot A

2) sec A – tan A

3) sec² A

4) sec A cosec A

Correct Answer: cosec A – cot A

QID : 271 - If tan A = 1/2 and tan B = 1/3, then what is the value of tan (2A + B)?

Options:

1) 1

2) 3

3) 5

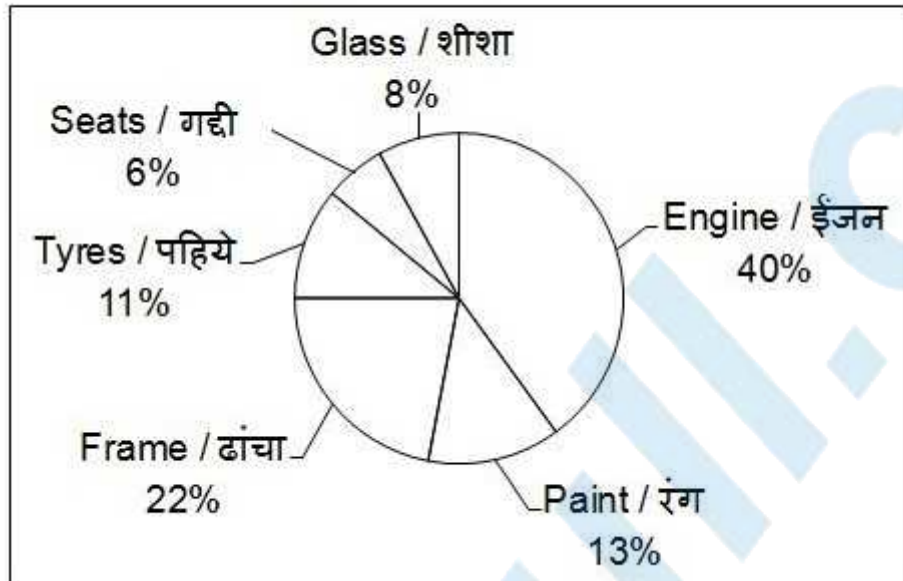
4) 9

Correct Answer: 3

QID : 272 -

The pie chart given below shows the percentage of time taken by different processes in making a car.

नीचे दिये गए वृत्त चित्र में एक कार बनाने की विभिन्न प्रक्रियाओं में लगने वाले समय के प्रतिशत को दर्शाया गया है।



If total time taken to make a car is 300 hours, then what is the total time (in hours) taken in paint and frame?

Options:

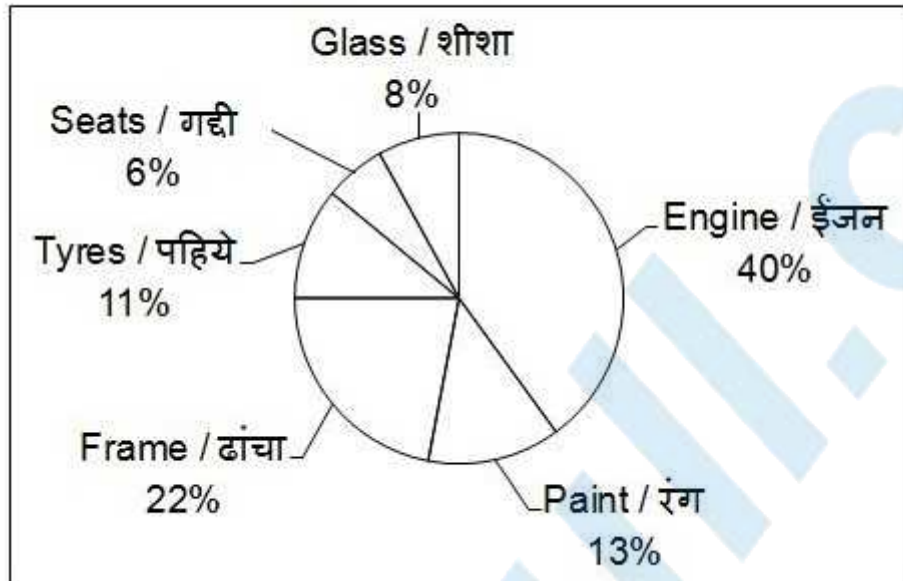
- 1) 99
- 2) 72
- 3) 105
- 4) 66

Correct Answer: 105

QID : 273 -

The pie chart given below shows the percentage of time taken by different processes in making a car.

नीचे दिये गए वृत्त चित्र में एक कार बनाने की विभिन्न प्रक्रियाओं में लगने वाले समय के प्रतिशत को दर्शाया गया है।



If time taken in seats is 192 hours, then what is the time taken (in hours) in glass?

Options:

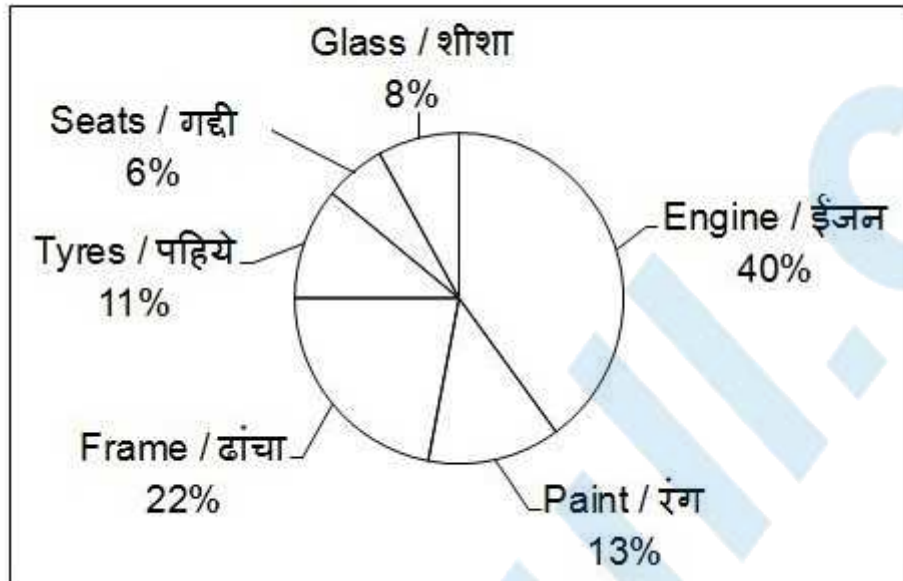
- 1) 256
- 2) 352
- 3) 416
- 4) 278

Correct Answer: 256

QID : 274 -

The pie chart given below shows the percentage of time taken by different processes in making a car.

नीचे दिये गए वृत्त चित्र में एक कार बनाने की विभिन्न प्रक्रियाओं में लगने वाले समय के प्रतिशत को दर्शाया गया है।



If total time taken in engine and tyres is 127.5 hours, then what is the difference (in hours) in time taken by frame and glass respectively?

Options:

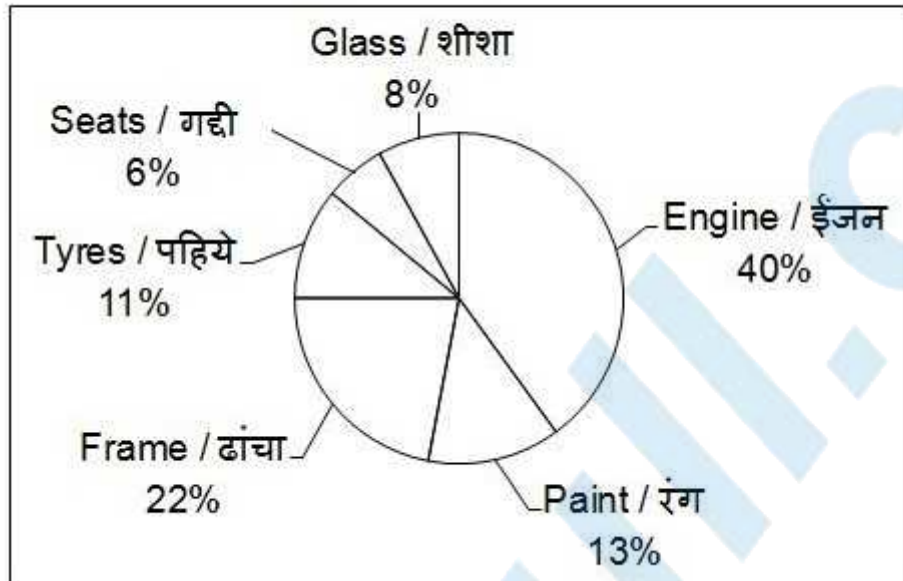
- 1) 27.5
- 2) 12.5
- 3) 40
- 4) 35

Correct Answer: 35

QID : 275 -

The pie chart given below shows the percentage of time taken by different processes in making a car.

नीचे दिये गए वृत्त चित्र में एक कार बनाने की विभिन्न प्रक्रियाओं में लगने वाले समय के प्रतिशत को दर्शाया गया है।



15% of total time is spent on quality check and this time is equally taken from all other processes. So What will be the new sectorial angle (in degrees) made by total time of seats and glass?

Options:

- 1) 28.6
- 2) 32.4
- 3) 35.8
- 4) 31.6

Correct Answer: 32.4

SSC CGL 2017 EXAM PAPER : Held on 10-AUG-2017 Shift-3 (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'.

Little knowledge of playing volleyball (1)/ that she possessed proved to be (2)/helpful at the time of inaugural match. (3)/ No Error (4)

Options:

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

Correct Answer: 1

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'.

I had not completed my English homework (1)/ so I thought I was done with when the (2)/ teacher asked me to hand it in. (3)/ No Error (4)

Options:

- 1) 1
- 2) 2

3) 3

4) 4

Correct Answer: 2

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.

Keith has _____ with a failure in English examination thrice.

Options:

1) caught

2) gone

3) got

4) met

Correct Answer: met

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.

The manager was _____ an explanation of his conduct.

Options:

1) called for

2) called off

3) called to

4) called up

Correct Answer: called for

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

Eloquent

Options:

1) Fluent

2) Ignorant

3) Rude

4) Significant

Correct Answer: Fluent

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

Nefarious

Options:

- 1) Iniquitous
- 2) Purposeful
- 3) Suspicious
- 4) Virtuous

Correct Answer: Iniquitous

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

Ensconce

Options:

- 1) Establish
- 2) Impudence
- 3) Request
- 4) Unveil

Correct Answer: Unveil

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

Lugubrious

Options:

- 1) Clumsy
- 2) Lucid
- 3) Optimistic
- 4) Sinister

Correct Answer: Optimistic

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

Ended in a fiasco

Options:

- 1) A complete failure
- 2) A successful event
- 3) Changed one completely
- 4) Twisted around

Correct Answer: A complete failure

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

Sow wild oats

Options:

- 1) To make someone fool
- 2) To make space to red
- 3) To take revenge
- 4) To waste time by doing foolish things

Correct Answer: To waste time by doing foolish things

QID : 286 - Improve the bracketed part of the sentence.

He has painted that picture so often that he can do it with his (eyes closed).

Options:

- 1) arms full
- 2) eyes opened
- 3) mind blank
- 4) No improvement

Correct Answer: No improvement

QID : 287 - Improve the bracketed part of the sentence.

If you talk to her nicely, she will probably (allow you) her notes.

Options:

- 1) allow that you have
- 2) let you have
- 3) let you to have
- 4) No improvement

Correct Answer: let you have

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

Easily duped or fooled

Options:

- 1) Bigot
- 2) Gullible

- 3) Ridicule
- 4) Venerable

Correct Answer: Gullible

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

Atonement for one's sins

Options:

- 1) Elite
- 2) Ignoramus
- 3) Incendiary
- 4) Repentance

Correct Answer: Repentance

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

Options:

- 1) Usable
- 2) Defense
- 3) Inventor
- 4) Annaul

Correct Answer: Annaul

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

Options:

- 1) Changeable
- 2) Inedible
- 3) Tracable
- 4) Valuable

Correct Answer: Tracable

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.

P- It would be better to speak of uniformities of nature.

Q- Law of nature are not commands but statements of facts.

R- This would do away with elementary fallacy that a law implies a law given.

S- The use of the word law in this context is rather unfortunate.

Options:

- 1) QSRP
- 2) SQR P
- 3) QSPR
- 4) SQPR

Correct Answer: QSPR

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.

P- When the game of life is finally over there is no second chance to correct our errors.

Q- Time is the greater equalizer of all mankind.

R- Time offers opportunity but demands a sense of regard.

S- It has taken away the best and the worst of us without regard of either.

Options:

- 1) QSRP
- 2) RSQP
- 3) PQRS
- 4) RSPQ

Correct Answer: QSRP

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.

He saw him conducting the seminar on personality development.

Options:

- 1) He was seen by me to conduct the seminar on personality development.
- 2) He was seen conducting the seminar on personality development.
- 3) He saw the seminar on personality development being conducted by him.
- 4) He saw the seminar on personality development to be conducted by him.

Correct Answer: He saw the seminar on personality development being conducted by him.

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.

Rashmi said to me, "Where is the telephone exchange"?

Options:

- 1) Rashmi asked me that where the telephone exchange was.
- 2) Rashmi asked me where the telephone exchange was.
- 3) Rashmi asked me where was the telephone exchange.
- 4) Rashmi wanted to know where the telephone exchange was.

Correct Answer: Rashmi asked me where the telephone exchange was.

QID : 296 - In the following questions, 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.

Corruption is a _____ which has been spread in the mind of wrong people of the society, community and _____. It is the mistreatment of public resources just for getting some _____ advantage to fulfil little wish. It is concerned with the unnecessary and wrong use of both power and _____ by anyone whether the government or non government organisation. It affects the growth and development of the nation in all aspects like socially, _____ and politically.

Corruption is a _____ which has been spread in the mind of wrong people

Options:

- 1) havoc
- 2) poison
- 3) pollutant
- 4) grassroot

Correct Answer: poison

QID : 297 - In the following questions, 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.

Corruption is a _____ which has been spread in the mind of wrong people of the society, community and _____. It is the mistreatment of public resources just for getting some _____ advantage to fulfil little wish. It is concerned with the unnecessary and wrong use of both power and _____ by anyone whether the government or non government organisation. It affects the growth and development of the nation in all aspects like socially, _____ and politically.

of the society, community and _____. It is the mistreatment

Options:

- 1) country

- 2) world
- 3) universe
- 4) company

Correct Answer: country

QID : 298 - In the following questions, 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.

Corruption is a _____ which has been spread in the mind of wrong people of the society, community and _____. It is the mistreatment of public resources just for getting some _____ advantage to fulfil little wish. It is concerned with the unnecessary and wrong use of both power and _____ by anyone whether the government or non government organisation. It affects the growth and development of the nation in all aspects like socially, _____ and politically.

public resources just for getting some _____ advantage to fulfil little wish.

Options:

- 1) fruitful
- 2) wishful
- 3) favourite
- 4) unfair

Correct Answer: unfair

QID : 299 - In the following questions, 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.

Corruption is a _____ which has been spread in the mind of wrong people of the society, community and _____. It is the mistreatment of public resources just for getting some _____ advantage to fulfil little wish. It is concerned with the unnecessary and wrong use of both power and _____ by anyone whether the government or non government organisation. It affects the growth and development of the nation in all aspects like socially, _____ and politically.

wrong use of both power and _____ by anyone whether

Options:

- 1) position
- 2) growth
- 3) status
- 4) symbol

Correct Answer: position

QID : 300 - In the following questions, 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.

Corruption is a _____ which has been spread in the mind of wrong people of the society, community and _____. It is the mistreatment of public resources just for getting some _____ advantage to fulfil little wish. It is concerned with the unnecessary and wrong use of both power and _____ by anyone whether the government or non government organisation. It affects the growth and development of the nation in all aspects like socially, _____ and politically.

nation in all aspects like socially, _____ and politically.

Options:

- 1) emotionally
- 2) scientifically
- 3) manually
- 4) economically

Correct Answer: economically