

# SSC CGL 2017 EXAM PAPER : Held on 16-AUG-2017 Shift-3

## (Reasoning)

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

**Frog : Amphibian :: Lizard : ?**

**Options:**

- 1) Rodent
- 2) Mammal
- 3) Reptile
- 4) Insect

**Correct Answer: Reptile**

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

**DJLQ : WQOJ :: DMSW : ?**

**Options:**

- 1) WNHD
- 2) WNDH
- 3) WHND
- 4) WWCC

**Correct Answer: WNHD**

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

**7 : 56 :: 11 : ?**

**Options:**

- 1) 121
- 2) 123
- 3) 132
- 4) 134

**Correct Answer: 132**

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

**Options:**

- 1) Music
- 2) Singer
- 3) Director
- 4) Actor

**Correct Answer: Music**

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

**Options:**

- 1) JGD
- 2) NLI
- 3) XUR
- 4) QNK

**Correct Answer: NLI**

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

**Options:**

- 1) 71
- 2) 83
- 3) 89
- 4) 93

**Correct Answer: 93**

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

1. Counter
2. Crop
3. Create
4. Carnation
5. Creator

**Options:**

- 1) 41352
- 2) 41253
- 3) 43125
- 4) 41325

**Correct Answer: 41352**

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

**A, E, J, N, S, W, ?**

**Options:**

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

**Correct Answer: B**

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

**3, 7, 16, 35, ?**

**Options:**

- 1) 73
- 2) 74
- 3) 78
- 4) 82

**Correct Answer: 74**

**QID : 210 - The ratio of present ages of L and N is 7 : 5. If the age of N after seven years will be 32 years, then what is the present age (in years) of L?**

**Options:**

- 1) 49
- 2) 35
- 3) 28
- 4) 42

**Correct Answer: 35**

**QID : 211 - Pointing towards a girl, Chetan said "She is the daughter of the only child of my grandmother". How is Chetan related to that girl?**

**Options:**

- 1) Father
- 2) Son
- 3) Brother
- 4) Husband

**Correct Answer: Brother**

**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.**

**Nightwalker**

**Options:**

- 1) Talker
- 2) Tailer
- 3) Waller
- 4) Winer

**Correct Answer: Waller**

**QID : 213 - In a certain code language, "SPICEY" is written as "ELOUAY" and "PONDER" is written as "JKLNAZ". How is "HOUSED" written in that code language?**

**Options:**

- 1) QKDZAO
- 2) GNTRDC
- 3) WQJFGU
- 4) DKQAOZ

**Correct Answer: QKDZAO**

**QID : 214 - If "x" denotes "added to", "÷" denotes "subtracted from", "+" denotes "divided by" and "-" denotes "multiplied by", then**

$$14 \times 12 - 16 \div 18 = ?$$

**Options:**

- 1) 430
- 2) 180
- 3) 168
- 4) 188

**Correct Answer: 188**

**QID : 215 - If  $18 \times 12 = 206$  and  $19 \times 22 = 408$ , then**

$$23 \times 36 = ?$$

**Options:**

- 1) 878
- 2) 818
- 3) 794
- 4) 776

**Correct Answer: 818**

**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।

2	4	1
5	3	5
7	2	6
39	17	?

**Options:**

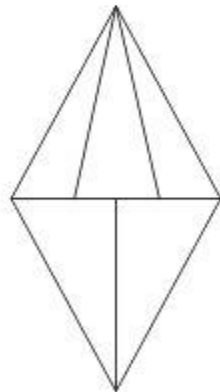
- 1) 11
- 2) 31
- 3) 32
- 4) 37

**Correct Answer: 31**

**QID : 217 -**

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



**Options:**

- 1) 8
- 2) 9

3) 10

4) 12

**Correct Answer: 9**

**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. Some cups are plates.
- II. All spoons are blue.
- III. No plates are spoon.

**Conclusions:**

- I. Some cups are not spoon.
- II. Some plates are not blue.
- III. Some cups are not blue.
- IV. Some blue are not plates.

- 1) Only conclusion (I), (III) and (IV) follow.
- 2) Only conclusion (II) and (IV) follow.
- 3) Only conclusion (II), (III) and (IV) follow.
- 4) Only conclusion (I) and (IV) follow.

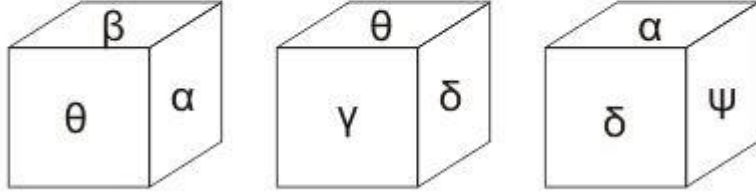
**Correct Answer: Only conclusion (I) and (IV) follow.**

PACE ACADEMY

QID : 219 -

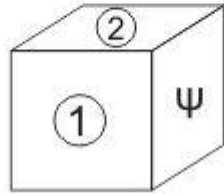
Three position of a cube are shown below.

नीचे एक घन की तीन अवस्थाएँ दर्शायी गयी हैं।



Which symbol will come on two faces marked '1 and 2'?

'1 तथा 2' अंकित दोनों फलकों पर कौन से प्रतीक चिह्न आर्येंगे?



Options:

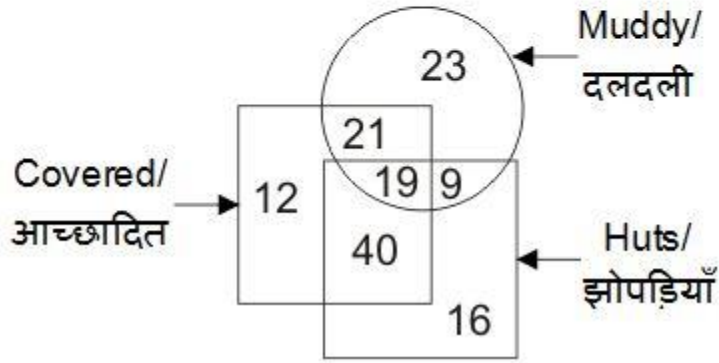
- 1)  $\theta$  and  $\delta$
- 2)  $\alpha$  and  $\beta$
- 3)  $\theta$  and  $\beta$
- 4)  $\theta$  and  $\gamma$

Correct Answer:  $\alpha$  and  $\beta$

QID : 220 -

In the given figure, how many huts are covered and muddy?

दी गई आकृति में, कितनी झोपड़ियाँ आच्छादित तथा दलदली हैं?



Options:

- 1) 28
- 2) 40
- 3) 33
- 4) 19

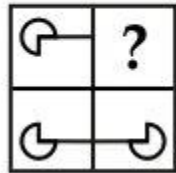
Correct Answer: 19



QID : 221 -

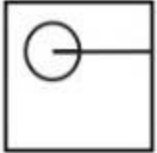
Which answer figure will complete the pattern in the question figure?

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



Options:

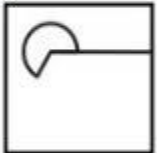
1)



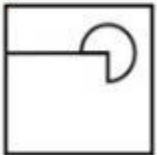
2)



3)



4)



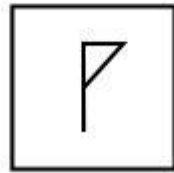
Correct Answer:



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।

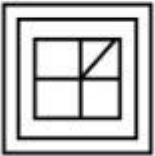


Options:

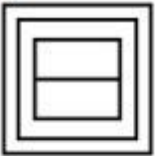
1)



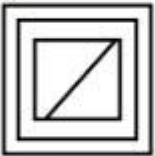
2)



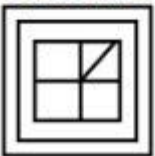
3)



4)



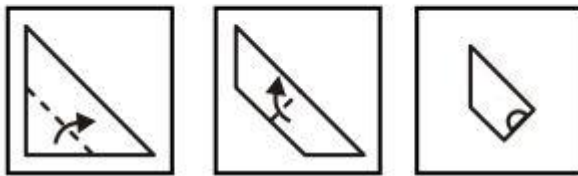
Correct Answer:



QID : 223 -

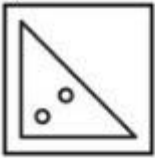
A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

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

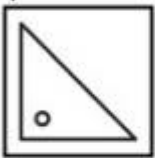


Options:

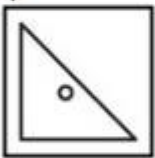
1)



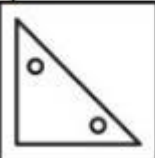
2)



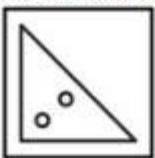
3)



4)



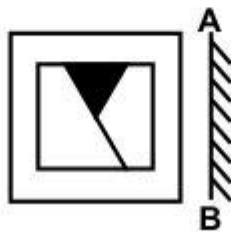
Correct Answer:



**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, 'P' can be represented by 11, 23, etc., and 'K' can be represented by 65, 89, etc. Similarly, you have to identify the set for the word "TAKE".

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 11, 23, आदि द्वारा दर्शाया जा सकता है तथा 'K' को 65, 89, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "TAKE" के लिए समूह को पहचानना है।

**Matrix-I**  
आव्यूह-I

	0	1	2	3	4
0	A	N	S	T	P
1	T	P	A	N	S
2	N	S	T	P	A
3	P	A	N	S	T
4	S	T	P	A	N

**Matrix-II**  
आव्यूह-II

	5	6	7	8	9
5	R	E	P	K	O
6	K	O	R	E	P
7	E	P	K	O	R
8	O	R	E	P	K
9	P	K	O	R	E

**Options:**

- 1) 10, 32, 66, 56
- 2) 41, 00, 89, 75
- 3) 03, 43, 78, 99
- 4) 22, 13, 97, 87

**Correct Answer: 41, 00, 89, 75**

**(General Awareness)**

**QID : 226 - In which of the following market forms a firm does not exercise control over price?**

**Options:**

- 1) Mixed Competition
- 2) Monopoly
- 3) Oligopoly
- 4) Perfect Competition

**Correct Answer: Perfect Competition**

**QID : 227 - Which of the following is represented by 'Lorenz Curve'?**

**Options:**

- 1) Employment
- 2) Inflation
- 3) Deflation
- 4) Income Distribution

**Correct Answer: Income Distribution**

**QID : 228 - Which of the following is not a fundamental duty?**

**Options:**

- 1) To abide by constitution and respect the National Flag
- 2) To promote harmony and brotherhood
- 3) To uphold and protect the sovereignty
- 4) Abolition of titles except military and academic

**Correct Answer: Abolition of titles except military and academic**

**QID : 229 - Which article can be used by The President of India to declare financial emergency?**

**Options:**

- 1) Article 32
- 2) Article 349
- 3) Article 360
- 4) Article 365

**Correct Answer: Article 360**

**QID : 230 - The Poona Pact was signed between Mahatma Gandhi and \_\_\_\_\_.**

**Options:**

- 1) Muhammad Ali Jinnah
- 2) Lord Irwin
- 3) Subhash Chandra Bose
- 4) B. R. Ambedkar

**Correct Answer: B. R. Ambedkar**

**QID : 231 - Which Governor General abolished the 'Sati System' in India?**

**Options:**

- 1) Lord Canning
- 2) Lord Ripon
- 3) Lord William Bentinck
- 4) Lord Dalhousie

**Correct Answer: Lord Wiliam Bentinck**

**QID : 232 - Which of the following is NOT a primary green house gas in the earth's atmosphere?**

**Options:**

- 1) Methane
- 2) Ozone
- 3) Nitrous oxide
- 4) Hydrogen

**Correct Answer: Hydrogen**

**QID : 233 - Which type of forest is most widespread in India?**

**Options:**

- 1) Tropical Evergreen Forests
- 2) Tropical Deciduous Forests
- 3) Montane Forests
- 4) Mangrove Forests

**Correct Answer: Tropical Deciduous Forests**

**QID : 234 - Which blood group is universal donor?**

**Options:**

- 1) O+
- 2) O-
- 3) AB-
- 4) AB+

**Correct Answer: O-**

**QID : 235 - In how many parts is the human brain divided?**

**Options:**

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

**Correct Answer: 3**

**QID : 236 - In which of the following class can we put Adrenaline?**

**Options:**

- 1) Hormone
- 2) Enzyme

- 3) Protein
- 4) Fat

**Correct Answer: Hormone**

**QID : 237 - Supercooling is cooling of liquid \_\_\_\_\_.**

**Options:**

- 1) below melting point
- 2) below freezing point
- 3) at melting point
- 4) above melting point

**Correct Answer: below freezing point**

**QID : 238 - When light passes from one medium to another, this phenomenon of change in its direction is called \_\_\_\_\_.**

**Options:**

- 1) Refraction
- 2) Diffraction
- 3) Propagation
- 4) No option is correct

**Correct Answer: Refraction**

**QID : 239 - Which among the following is not an input device?**

**Options:**

- 1) Plotter
- 2) Magnetic Ink Character Recognition (MICR)
- 3) Optical Mark Recognition (OMR)
- 4) Barcode Reader

**Correct Answer: Plotter**

**QID : 240 - Which of the following is also known as Carboic Acid?**

**Options:**

- 1) Phenol
- 2) Hydroxide
- 3) Sulphuric Acid
- 4) Ethanol

**Correct Answer: Phenol**

**QID : 241 - Who discovered electron?**

**Options:**



- 1) E. Goldstien
- 2) J. J. Thomson
- 3) Ernest Rutherford
- 4) J. Chadwick

**Correct Answer: J. J. Thomson**

**QID : 242 - Who is a major driving force behind the 'Narmada Bachao Andolan'?**

**Options:**

- 1) Anna Hazare
- 2) Medha Patkar
- 3) Shantha Sinha
- 4) Manasi Pradhan

**Correct Answer: Medha Patkar**

**QID : 243 - 'Udey Desh ka Aam Nagrik' (UDAN) scheme for regional air connectivity will provide travel to tier 2 and tier 3 cities at the rate of Rs \_\_\_\_\_ per hour.**

**Options:**

- 1) 1500
- 2) 2000
- 3) 2500
- 4) 3000

**Correct Answer: 2500**

**QID : 244 - Who invented radar?**

**Options:**

- 1) Fred Morrison
- 2) A. H. Taylor and Leo C. Young
- 3) Van Tassel
- 4) W. K. Roentgen

**Correct Answer: A. H. Taylor and Leo C. Young**

**QID : 245 - David Warner plays cricket for which country?**

**Options:**

- 1) England
- 2) New Zealand
- 3) Australia
- 4) Sri Lanka

**Correct Answer: Australia**

**QID : 246 - Japanese art 'Ikebana' is related to \_\_\_\_\_.**

**Options:**

- 1) paper folding
- 2) flower arrangement
- 3) tree cutting
- 4) sand art

**Correct Answer: flower arrangement**

**QID : 247 - Who was awarded the 2017 Padma Bhushan Award in the field of Art-Music?**

**Options:**

- 1) Devi Prasad Dwivedi
- 2) Anuradha Paudwal
- 3) Vishwa Mohan Bhatt
- 4) K. J. Yesudas

**Correct Answer: Vishwa Mohan Bhatt**

**QID : 248 - Who has recently launched his autobiography titled 'An Unsuitable Boy'?**

**Options:**

- 1) Rishi Kapoor
- 2) MS Dhoni
- 3) Karan Johar
- 4) Vikram Seth

**Correct Answer: Karan Johar**

**QID : 249 - Which of the following country is not a member of 'The Indian Ocean Rim Association (IORA)'?**

**Options:**

- 1) Sri Lanka
- 2) Mauritius
- 3) Seychelles
- 4) China

**Correct Answer: China**

**QID : 250 - Which country has launched the longest bullet train line covering a distance of 2252 kilometers in January, 2017?**

**Options:**

- 1) Japan
- 2) China
- 3) Afghanistan
- 4) Myanmar

**Correct Answer: China**

## (Mathematics)

**QID : 251 - What is the sum of all prime numbers between 60 and 80?**

**Options:**

- 1) 272
- 2) 284
- 3) 351
- 4) 414

**Correct Answer: 351**

**QID : 252 - A and B have to type a book together containing 120 pages. A takes 9 hrs to type 36 pages and B takes 5 hrs to type 40 pages. A typed first 60 pages alone and the last 60 pages were typed by A and B together. How much time (in hours) will be taken to type the complete book?**

**Options:**

- 1) 24
- 2) 20
- 3) 12
- 4) 15

**Correct Answer: 20**

**QID : 253 - ABC is a right angled triangle in which  $\angle A = 90^\circ$ ,  $AB = 5$  cm and  $AC = 12$  cm. What is the approximate volume (in  $\text{cm}^3$ ) of the double cone formed by rotating the triangle about its hypotenuse?**

**Options:**

- 1) 145
- 2) 290
- 3) 435
- 4) 580

**Correct Answer: 290**

**QID : 254 - A trader allowed a discount of 15% on a trolley bag having list price of Rs 1360 and earns a profit of 15.6%. What is the cost price (in Rs) of the trolley bag?**

**Options:**

- 1) 1000
- 2) 1005
- 3) 1050
- 4) 1156

**Correct Answer: 1000**

**QID : 255 - Price of a diamond is directly proportional to square of its weight. A man broke the diamond accidentally in three pieces in the ratio of 3 : 5 : 7 and thus loses Rs 42600. What was the original price (in Rs) of the diamond?**

**Options:**

- 1) 11786
- 2) 60000
- 3) 67500
- 4) 75000

**Correct Answer: 67500**

**QID : 256 - The average weight of 100 students is 32 kg. The average weight of first 49 students is 30 kg and of last 50 students is 34 kg. What is the weight (in kg) of the 50th student?**

**Options:**

- 1) 25
- 2) 30
- 3) 32
- 4) 33

**Correct Answer: 30**

**QID : 257 - By selling 90 pens for Rs 80 a man loses 20%. What should be the selling price (in Rs) of 90 pens for 20% profit?**

**Options:**

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

**Correct Answer: 120**

**QID : 258 - Raman spends 80% of his income. If his income is increased by 25% and the expenditure increase by 10%, then what will be the percentage increase in his savings?**

**Options:**

- 1) 17
- 2) 70
- 3) 77
- 4) 85

**Correct Answer: 85**

**QID : 259 - A man makes four trips of equal distances. His speed on first trip was 60 km/hr and in each subsequent trip his speed was half of the previous trip. What is the average speed (in km/hr) of the man in these four trips?**

**Options:**

- 1) 16
- 2) 30
- 3) 28.125
- 4) 27.5

**Correct Answer: 16**

**QID : 260 - Rohan borrowed a certain sum of money at simple interest. Rate of interest was 3% per annum for first 3 years, 4% per annum for next 5 years and 6% per annum for next 7 years. If he paid Rs 2059 as interest, then what is the sum borrowed (in Rs)?**

**Options:**

- 1) 2400
- 2) 2500
- 3) 2900
- 4) 3100

**Correct Answer: 2900**

**QID : 261 - If  $x + y = 5$ ,  $x^3 + y^3 = 35$ , then what is the positive difference between  $x$  and  $y$ ?**

**Options:**

- 1) 0
- 2) 1
- 3) 5
- 4) 6

**Correct Answer: 1**

**QID : 262 -**

If  $x = \sqrt{\frac{2+\sqrt{3}}{2-\sqrt{3}}}$ , then what is the value of  $x^2 + x - 9$ ?

यदि  $x = \sqrt{\frac{2+\sqrt{3}}{2-\sqrt{3}}}$ , तो  $x^2 + x - 9$  का मान क्या है?

**Options:**

- 1) 0
- 2)  $3\sqrt{2}$
- 3)  $3\sqrt{3}$
- 4)  $5\sqrt{3}$

**Correct Answer:  $5\sqrt{3}$**

**QID : 263 -**

If  $x + y + z = 0$ , then what is the value of  $\frac{x^2}{3z} + \frac{y^3}{3xz} + \frac{z^2}{3x}$ ?

यदि  $x + y + z = 0$ , तो  $\frac{x^2}{3z} + \frac{y^3}{3xz} + \frac{z^2}{3x}$  का मान क्या है?

**Options:**

- 1) 0
- 2) xz
- 3) y
- 4) 3y

**Correct Answer: y**

**QID : 264 -**

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

$$\frac{1}{x} \left( \frac{1}{x-1} - \frac{1}{x+1} + \frac{1}{x^2+1} - \frac{1}{x^2-1} \right)?$$

यदि  $x - \frac{1}{x} = 1$ , तो  $\frac{1}{x} \left( \frac{1}{x-1} - \frac{1}{x+1} + \frac{1}{x^2+1} - \frac{1}{x^2-1} \right)$

का मान क्या है?

**Options:**

- 1)  $\pm\sqrt{5}$
- 2)  $\frac{2}{5}$
- 3)  $\pm\frac{2}{\sqrt{5}}$
- 4)  $\pm\frac{\sqrt{5}}{2}$

**Correct Answer:  $\pm\frac{2}{\sqrt{5}}$**

**QID : 265 -** PQ is a diameter of a circle with centre O. RS is a chord parallel to PQ subtends an angle of  $40^\circ$  at the centre of the circle. If PR and QS are produced to meet at T, then what will be the measure (in degrees) of  $\angle PTQ$ ?

**Options:**

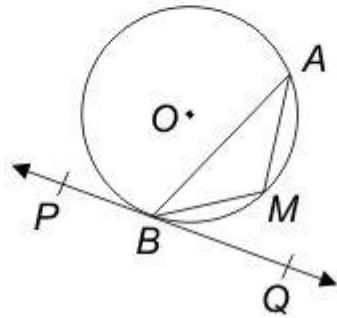
- 1) 55
- 2) 60
- 3) 70
- 4) 90

**Correct Answer: 70**

**QID : 266 -**

In the given figure,  $\angle AMB = 130^\circ$ , then what is the value (in degrees) of  $\angle ABQ$ ?

दी गई आकृति में,  $\angle AMB = 130^\circ$  है, तो  $\angle ABQ$  का मान (डिग्री में) क्या है?



**Options:**

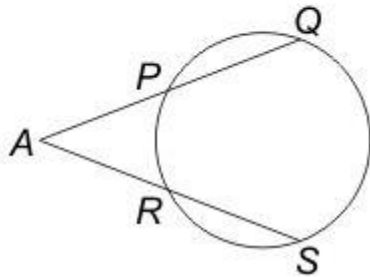
- 1) 40
- 2) 50
- 3) 60
- 4) 90

**Correct Answer: 50**

**QID : 267 -**

In the given figure,  $AP = 3$  cm,  $AR = 6$  cm and  $RS = 9$  cm, then what is the value (in cm) of  $PQ$ ?

दी गई आकृति में,  $AP = 3$  से.मी.,  $AR = 6$  से.मी. तथा  $RS = 9$  से.मी. हो, तो  $PQ$  का मान (से.मी. में) क्या है?



**Options:**

- 1) 9
- 2) 12

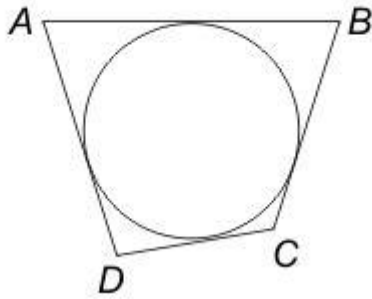
- 3) 18  
4) 27

**Correct Answer: 27**

**QID : 268 -**

In the given figure, a circle touches quadrilateral  $ABCD$ . If  $AB = 2x + 3$ ,  $BC = 3x - 1$ ,  $CD = x + 6$  and  $DA = x + 4$ , then what is the value of  $x$ ?

दी गई आकृति में, एक वृत्त चतुर्भुज  $ABCD$  को स्पर्श कर रहा है। यदि  $AB = 2x + 3$ ,  $BC = 3x - 1$ ,  $CD = x + 6$  तथा  $DA = x + 4$  हो, तो  $x$  का मान क्या है?



**Options:**

- 1) 3  
2) 4.5  
3) 6  
4) 6.5

**Correct Answer: 6**

**QID : 269 -** If  $\operatorname{cosec}^2 \theta = 625/576$ , then what is the value of  $[(\sin \theta - \cos \theta)/(\sin \theta + \cos \theta)]$ ?

**Options:**

- 1) 1  
2) 31/17  
3) 17/31  
4) 14/25

**Correct Answer: 17/31**



**QID : 270 -**

What is the value of  $\frac{3}{2} \left( \frac{\cos 39}{\sin 51} \right) - \sqrt{\sin^2 39 + \sin^2 51}$ ?

$\frac{3}{2} \left( \frac{\cos 39}{\sin 51} \right) - \sqrt{\sin^2 39 + \sin^2 51}$  का मान क्या है?

**Options:**

- 1) 1/2
- 2) 5/2
- 3) 0
- 4) Both 1/2 and 5/2

**Correct Answer: Both 1/2 and 5/2**

**QID : 271 - If  $\cot A = [\sin B / (1 - \cos B)]$ , then what is the value of  $\cot 2A$ ?**

**Options:**

- 1)  $\cot(B/2)$
- 2)  $\cot 2B$
- 3)  $\cot B$
- 4)  $\tan B$

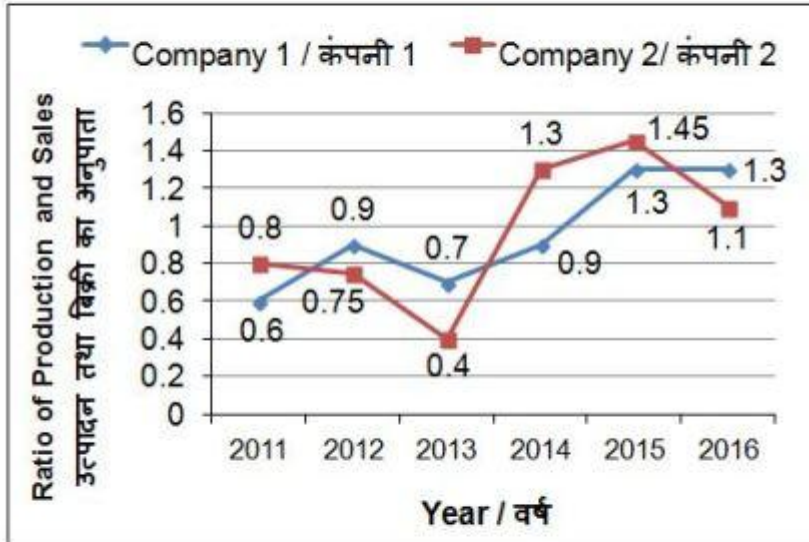
**Correct Answer:  $\cot B$**

PACE ACADEMY

**QID : 272 -**

The line chart given below shows the ratio of production to sales of two bike-manufacturing firms over the period of 6 years.

नीचे दिए गए रेखा चित्र में दो बाइक विनिर्माण कंपनियों के 6 वर्षों की अवधि में हुए उत्पादन तथा बिक्री के अनुपात को दर्शाया गया है।



Assume if in any year sales is more than production then both the companies has sufficient stock to meet such instances.

मान लीजिए यदि किसी वर्ष बिक्री, उत्पादन से अधिक है तो ऐसी परिस्थितियों के लिए दोनों कंपनियों के पास पर्याप्त भण्डार है।

If the sales of company 1 in year 2015 was 50000 units, then what was its production (in units) in year 2015?

**Options:**

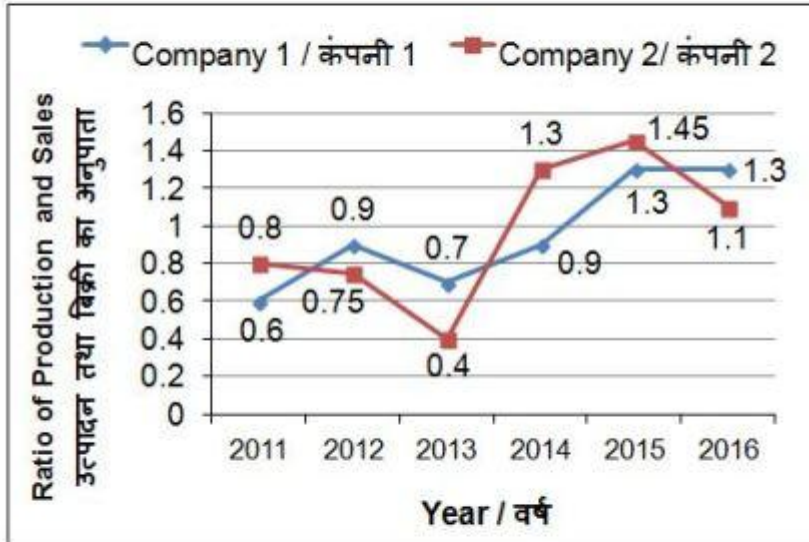
- 1) 38460
- 2) 45000
- 3) 52000
- 4) 65000

**Correct Answer: 65000**

**QID : 273 -**

The line chart given below shows the ratio of production to sales of two bike-manufacturing firms over the period of 6 years.

नीचे दिए गए रेखा चित्र में दो बाइक विनिर्माण कंपनियों के 6 वर्षों की अवधि में हुए उत्पादन तथा बिक्री के अनुपात को दर्शाया गया है।



Assume if in any year sales is more than production then both the companies has sufficient stock to meet such instances.

मान लीजिए यदि किसी वर्ष बिक्री, उत्पादन से अधिक है तो ऐसी परिस्थितियों के लिए दोनों कंपनियों के पास पर्याप्त भण्डार है।

The production of company 2 in year 2012 is 30000. If sales of company 2 in year 2012 and 2013 is same, then what was its production (in units) in year 2013?

**Options:**

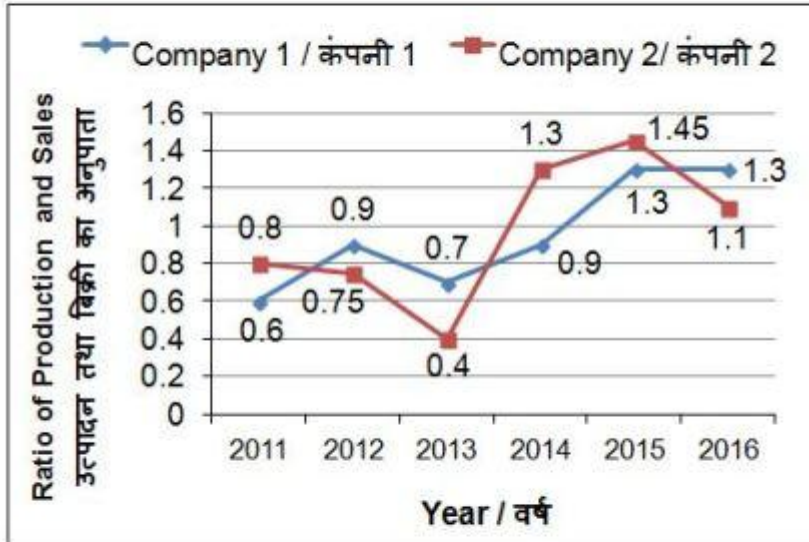
- 1) 100000
- 2) 16000
- 3) 30000
- 4) 20000

**Correct Answer: 16000**

**QID : 274 -**

The line chart given below shows the ratio of production to sales of two bike-manufacturing firms over the period of 6 years.

नीचे दिए गए रेखा चित्र में दो बाइक विनिर्माण कंपनियों के 6 वर्षों की अवधि में हुए उत्पादन तथा बिक्री के अनुपात को दर्शाया गया है।



Assume if in any year sales is more than production then both the companies has sufficient stock to meet such instances.

मान लीजिए यदि किसी वर्ष बिक्री, उत्पादन से अधिक है तो ऐसी परिस्थितियों के लिए दोनों कंपनियों के पास पर्याप्त भण्डार है।

The production of company 1 in year 2014 is 18000 and sales of company 2 in year 2012 is 15000. What is the ratio of difference in sales and production of company 1 in year 2014 and company 2 in year 2012 ?

**Options:**

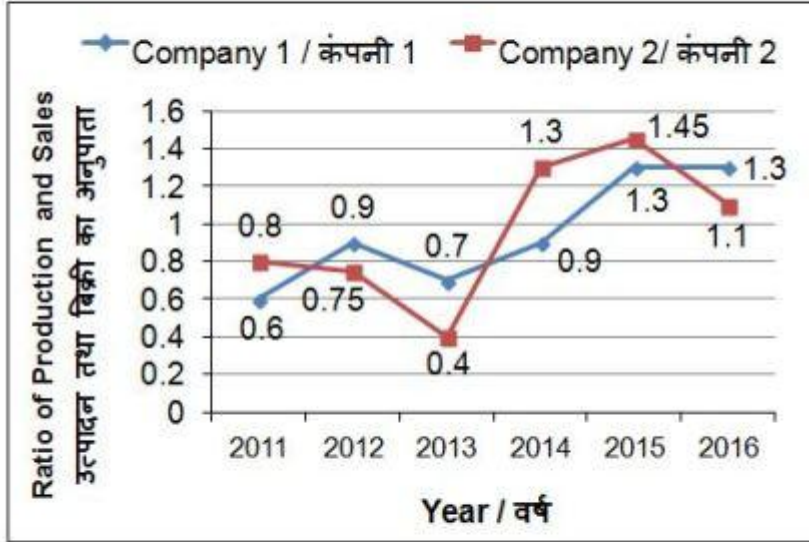
- 1) 8 : 15
- 2) 7 : 16
- 3) 9 : 11
- 4) 3 : 8

**Correct Answer: 8 : 15**

**QID : 275 -**

The line chart given below shows the ratio of production to sales of two bike-manufacturing firms over the period of 6 years.

नीचे दिए गए रेखा चित्र में दो बाइक विनिर्माण कंपनियों के 6 वर्षों की अवधि में हुए उत्पादन तथा बिक्री के अनुपात को दर्शाया गया है।



Assume if in any year sales is more than production then both the companies has sufficient stock to meet such instances.

मान लीजिए यदि किसी वर्ष बिक्री, उत्पादन से अधिक है तो ऐसी परिस्थितियों के लिए दोनों कंपनियों के पास पर्याप्त भण्डार है।

Company 1 sold 20000 bikes each year from 2011 to 2016 and company 2 sold 10000 bikes each year from 2011 to 2016. What is the difference (in units) in average yearly production of company 1 and 2?

**Options:**

- 1) 6733.33
- 2) 7500
- 3) 8666.66
- 4) 9333.33

**Correct Answer: 9333.33**

### (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'.

He did not go (1)/ to the temple on foot (2)/ he went there by the car. (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'.**

She ascended (1)/ to the throne (2)/ at the early age of seven. (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.**

Neha's mother was annoyed with her as she could not \_\_\_\_\_ her examination.

**Options:**

- 1) Get off
- 2) Get on
- 3) Get upon
- 4) Get through

**Correct Answer: Get through**

**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.**

I shall \_\_\_\_\_ her if she apologises to me for her misbehavior.

**Options:**

- 1) pardon
- 2) forgive
- 3) punish
- 4) reprimand

**Correct Answer: forgive**

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

**Ebullient**

**Options:**

- 1) Deceitful
- 2) Insincerity
- 3) Enthusiastic
- 4) Prejudice

**Correct Answer: Enthusiastic**

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

**Truculent**

**Options:**

- 1) Ferocious
- 2) Luxurious
- 3) Luscious
- 4) Delicious

**Correct Answer: Ferocious**

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

**Niggardly**

**Options:**

- 1) Mingy
- 2) Inefficient
- 3) Generous
- 4) Sinful

**Correct Answer: Generous**

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

**Dissident**

**Options:**

- 1) Alienated
- 2) Iconoclast
- 3) Divisive
- 4) Orthodox

**Correct Answer: Orthodox**

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

**Bear the palm**

**Options:**

- 1) To face the consequences
- 2) To meet death
- 3) To be able to predict future
- 4) To win

**Correct Answer: To win**

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

**To give the devil his due**

**Options:**

- 1) To punish the wrong person
- 2) To give credit to even a notorious person
- 3) To let the enemy learn the lesson on his own
- 4) To stand in the way of the devil

**Correct Answer: To give credit to even a notorious person**

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

**(No sooner the advertisement regarding the launch of new smart phone appeared) than there was a rush on the online website for prebooking the same.**

**Options:**

- 1) No sooner the advertisement regarding the launched of new smart phone appeared
- 2) No sooner did the advertisement regarding the launch of new smart phone appeared
- 3) The advertisement regarding the launch of new smart phone was no sooner having appeared
- 4) No improvement

**Correct Answer: No sooner did the advertisement regarding the launch of new smart phone appeared**

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

**The equipment is (adapted to) cotton industries.**

**Options:**

- 1) Adapted from
- 2) Adapted for
- 3) Adapted of
- 4) No improvement



**Correct Answer: Adapted for**

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

**One who loads and uploads ships**

**Options:**

- 1) Stevedore
- 2) Transgressor
- 3) Lapidist
- 4) Reticent

**Correct Answer: Stevedore**

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

**Belief or opinion contrary to what is generally accepted**

**Options:**

- 1) Invocation
- 2) Incognito
- 3) Heresy
- 4) Mercenary

**Correct Answer: Heresy**

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

**Options:**

- 1) Tomorrow
- 2) Occurence
- 3) Temperature
- 4) Preferable

**Correct Answer: Occurence**

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

**Options:**

- 1) Receeding
- 2) Cemetery
- 3) Parallelogram
- 4) Rehearsal

**Correct Answer: Receeding**

**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: If all the requirements of the villages are satisfied there by itself, then the peasants will usefully utilize their spare time.

Q: Let us consider the village artisans.

R: This will also provide employment to all the educated people of the villages.

S: Having discussed the problems and requirements of rural life.

**Options:**

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

**Correct Answer: SQPR**

**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: Practical farming includes knowledge of fruit and vegetable farming.

Q: These schools need not necessarily have their own farms because the village itself will provide ample field work facilities.

R: Agriculture should be made compulsory in higher secondary schools; alternatively, the urban students can be taught town-planning, industrial planning etc.

S: Therefore, at this stage, only theoretical education for the village students would suffice.

**Options:**

- 1) QRSP
- 2) RPQS
- 3) RSPQ
- 4) QPRS

**Correct Answer: RPQS**

**QID : 294 - 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.**

**I saw him leaving the movie theatre.**

**Options:**

- 1) He was seen leaving the movie theatre by me.
- 2) Leaving the movie theatre he was seen by me.
- 3) He was seen to be leaving the movie theatre.
- 4) He had been seen leaving the movie theatre.

**Correct Answer: He was seen leaving the movie theatre by me.**

**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 principal said, "Be quiet, girls."**

**Options:**

- 1) The principal called the girls and ordered them to be quiet.
- 2) The principal commanded the girls that they be quiet.
- 3) The principal urged the girls to be quiet.
- 4) The principal said that the girls should be quiet.

**Correct Answer: The principal urged the girls to be quiet.**

**QID : 296 - 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.**

Modern man is imprisoned by his time-table and his routine. His life is all care and \_\_\_\_\_. He does not have \_\_\_\_\_ for anything but his duties and occupation for \_\_\_\_\_ money. Men, in all \_\_\_\_\_ may have been prone to this disease and; indeed, we in India may not have been \_\_\_\_\_ by it to the extent that people in western countries have been.

**His life is all care and \_\_\_\_\_.**

**Options:**

- 1) wisdom
- 2) success
- 3) worry
- 4) anxiety

**Correct Answer: worry**

**QID : 297 - 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.**

Modern man is imprisoned by his time-table and his routine. His life is all care and \_\_\_\_\_. He does not have \_\_\_\_\_ for anything but his duties and occupation for \_\_\_\_\_ money. Men, in all \_\_\_\_\_ may have been prone to this disease and; indeed, we in India may not have been \_\_\_\_\_ by it to the extent that people in western countries have been.

**He does not have \_\_\_\_\_ for anything**

**Options:**

- 1) resources
- 2) time
- 3) material
- 4) money

**Correct Answer: time**

**QID : 298 - 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.**

Modern man is imprisoned by his time-table and his routine. His life is all care and \_\_\_\_\_. He does not have \_\_\_\_\_ for anything but his duties and occupation for \_\_\_\_\_ money. Men, in all \_\_\_\_\_ may have been prone to this disease and; indeed, we in India may not have been \_\_\_\_\_ by it to the extent that people in western countries have been.

**but his duties and occupation for \_\_\_\_\_ money.**

**Options:**

- 1) making
- 2) minting
- 3) collecting
- 4) spending

**Correct Answer: making**

**QID : 299 - 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.**

Modern man is imprisoned by his time-table and his routine. His life is all care and \_\_\_\_\_. He does not have \_\_\_\_\_ for anything but his duties and occupation for \_\_\_\_\_ money. Men, in all \_\_\_\_\_ may have been prone to this disease and; indeed, we in India may not have been \_\_\_\_\_ by it to the extent that people in western countries have been.

**Men, in all \_\_\_\_\_ may have been prone to this disease and; indeed,**

**Options:**

- 1) spheres
- 2) streams
- 3) areas
- 4) ages

**Correct Answer: ages**

**QID : 300 - 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.**

Modern man is imprisoned by his time-table and his routine. His life is all care and \_\_\_\_\_. He does not have \_\_\_\_\_ for anything but his duties and occupation for \_\_\_\_\_ money. Men, in all \_\_\_\_\_ may have been prone to this disease and; indeed, we in India may not have been \_\_\_\_\_ by it to the extent that people in western countries have been.

we in India may not have been \_\_\_\_\_ by it to the extent that people in western countries have been.

**Options:**

- 1) infected
- 2) inflicted

3) accompanied

4) associate

**Correct Answer: inflicted**

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