

SSC CGL 2017 EXAM PAPER : Held on 08-AUG-2017 Shift-3

(Reasoning)

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

Vacant : Empty :: Dearth : ?

Options:

- 1) Descend
- 2) Scarcity
- 3) Squander
- 4) Abundant

Correct Answer: Scarcity

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

HMPU : IOSY :: GMRF : ?

Options:

- 1) FKOB
- 2) HOUJ
- 3) HPUJ
- 4) HOJU

Correct Answer: HOUJ

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

50 : 65 :: 122 : ?

Options:

- 1) 157
- 2) 145
- 3) 147
- 4) 155

Correct Answer: 145

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

Options:

- 1) Venus : Planet
- 2) Moon : Satellite
- 3) Jupiter : Black Hole
- 4) Sun : Star

Correct Answer: Jupiter : Black Hole

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

Options:

1) KQ

2) DJ

3) SZ

4) RX

Correct Answer: SZ

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

Options:

1) 361

2) 441

3) 784

4) 876

Correct Answer: 876

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

1. Herbivorous

2. Harmony

3. House

4. Honour

5. Helm

Options:

1) 12543

2) 25143

3) 21534

4) 12354

Correct Answer: 25143

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

A, C, E, G, ?

Options:

1) H

2) I

3) J

4) F

Correct Answer: I

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

2, 4, 13, 41, 106, ?

Options:

1) 172

2) 191

3) 219

4) 232

Correct Answer: 232

QID : 210 - Hitesh, Sunny, Vicky, Nitin and Bharat are arranged in ascending order of the height from the top. Hitesh is at third place. Bharat is between Nitin and Hitesh while Nitin is not at the bottom. Who has the maximum height among them?

Options:

1) Hitesh

2) Sunny

3) Vicky

4) Nitin

Correct Answer: Nitin

QID : 211 - If 'A + B' means 'A is father of B', 'A - B' means 'A is mother of B', 'A * B' means 'A is brother of B' and 'A % B' means 'A is sister of B', then how is Q related to S in 'P + Q * R - S'?

Options:

1) Husband

2) Uncle

3) Brother

4) Father

Correct Answer: Uncle

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.

Abandoned

Options:

1) Bonded

2) Banded

3) Bland

4) Bane

Correct Answer: Bland

QID : 213 - In a certain code language, "REMOTE" is written as "KYSPGS" and "BRAND" is written as "IRDTC". How is "MOBILE" written in that code language?

Options:

- 1) FMJCPN
- 2) KQMEQN
- 3) DKHANL
- 4) DMHCNN

Correct Answer: KQMEQN

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

$$12 - 6 + 28 \times 3 \div 9 = ?$$

Options:

- 1) -24
- 2) 1
- 3) -53
- 4) 8

Correct Answer: 1

QID : 215 - If 19 (36) 13 and 37 (81) 28, then what is the value of 'A' in 43 (A) 38?

Options:

- 1) 49
- 2) 25
- 3) 34
- 4) 64

Correct Answer: 25

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	7
2	4

8	3
1	7

1	6
2	?

Options:

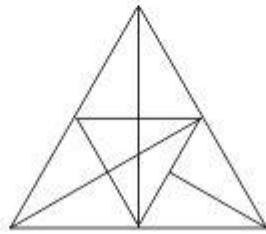
- 1) 2
- 2) 7
- 3) 14
- 4) 28

Correct Answer: 14

QID : 217 -

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



Options:

- 1) 24
- 2) 30
- 3) 28
- 4) 29

Correct Answer: 29

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 insects are dangerous.
- II. All machines are dangerous.

Conclusions:

- I. All dangerous are insects.
- II. All dangerous are machines.
- III. Some machines are insects.

Options:

- 1) Only conclusion (I) follows.
- 2) Only conclusion (II) follows.
- 3) Only conclusion (III) follows.
- 4) No conclusion follows.

Correct Answer: No conclusion follows.

QID : 219 -

From the given options, which answer figure can be formed by folding the figure given in the question?

निम्नलिखित विकल्पों में से कौन सी उत्तर आकृति प्रश्न में दी गई आकृति को मोड़कर बनाई जा सकती है?

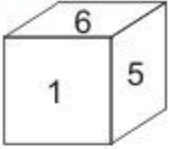
1	2
	6
	4
3	5

EMMY

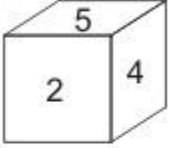
PAC

Options:

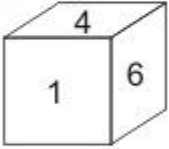
1)



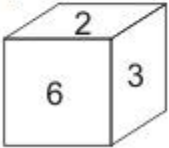
2)



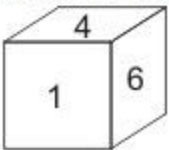
3)



4)



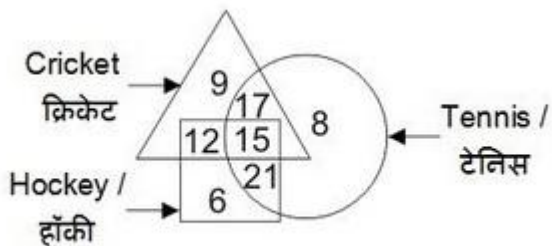
Correct Answer:



QID : 220 -

In the given figure, how many people like cricket and tennis both?

दी गई आकृति में, कितने लोग क्रिकेट तथा टेनिस दोनों पसंद करते हैं?



Options:

1) 17

2) 32

3) 15

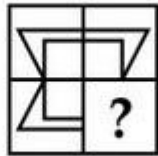
4) 27

Correct Answer: 32

QID : 221 -

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

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

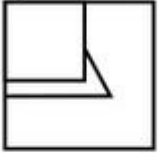


EMMY

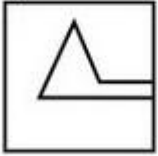
PACE ACADEMY

Options:

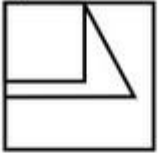
1)



2)



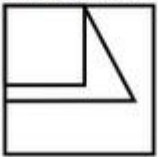
3)



4)



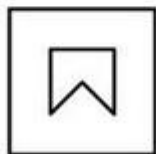
Correct Answer:



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)



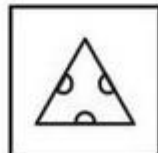
Correct Answer:



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 -

PACE ACADEMY

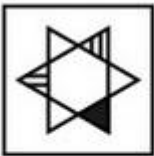
If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?

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)



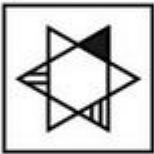
2)



3)



4)



Correct Answer:



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, 'O' can be represented by 30, 23, etc., and 'D' can be represented by 76, 88, etc. Similarly, you have to identify the set for the word "POND".

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 'O' को 30, 23, आदि द्वारा दर्शाया जा सकता है तथा 'D' को 76, 88, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "POND" के लिए समूह को पहचानना है।

Matrix-I
आव्यूह-I

	0	1	2	3	4
0	P	G	H	L	O
1	L	O	P	G	H
2	G	H	L	O	P
3	O	P	G	H	L
4	H	L	O	P	G

Matrix-II
आव्यूह-II

	5	6	7	8	9
5	N	T	D	S	U
6	S	U	N	T	D
7	T	D	S	U	N
8	U	N	T	D	S
9	D	S	U	N	T

Options:

- 1) 00, 04, 67, 57
- 2) 23, 12, 86, 69
- 3) 43, 24, 98, 95
- 4) 30, 42, 55, 87

Correct Answer: 00, 04, 67, 57

(General Awareness)

QID : 226 - Who takes the decision regarding the savings and loan activities in a Self Help Group (SHG)?

Options:

- 1) Private Bank
- 2) Reserve Bank of India
- 3) Members of group
- 4) Non Government Organizations

Correct Answer: Members of group

QID : 227 - Which amongst the following is not in the list of Maharatna?

Options:

- 1) Coal India Limited
- 2) Steel Authority of India Limited
- 3) Hindustan Petroleum Corporation Limited
- 4) Bharat Heavy Electricals Limited

Correct Answer: Hindustan Petroleum Corporation Limited

QID : 228 - In Indian constitution, the method of election of President has been taken from which country?

Options:

- 1) Britain
- 2) USA
- 3) Ireland
- 4) Australia

Correct Answer: Ireland

QID : 229 - What is the literal meaning of the term "Quo-Warranto"?

Options:

- 1) We command
- 2) To forbid
- 3) By what authority (or) warrant
- 4) None of these

Correct Answer: By what authority (or) warrant

QID : 230 - Who was given the title of "The Ambassador of Hindu – Muslim Unity" for being the architect and mastermind of the historic Lucknow Pact?

Options:

- 1) Sir Sayyad Ahmad Khan
- 2) Fazl-ul-Haq
- 3) Syed Mohammad Sharfuddin Quadri
- 4) Muhammad Ali Jinnah

Correct Answer: Muhammad Ali Jinnah

QID : 231 - What is the name of the court poet of King Harshavardhana?

Options:

- 1) Tulsidas
- 2) Banabhatta
- 3) Surdas
- 4) Raskhan

Correct Answer: Banabhatta

QID : 232 - Marble comes under which category of rocks?

Options:

- 1) Sedimentary
- 2) Igneous
- 3) Metamorphic
- 4) None of these

Correct Answer: Metamorphic

QID : 233 - Which of the following is most important for absorption of heat radiated from the Sun as well as from the Earth?

Options:

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

Correct Answer: Carbon dioxide

QID : 234 - Which among the following has segmented body?

Options:

- 1) Phylum Mollusca
- 2) Phylum Arthropoda
- 3) Phylum Annelida
- 4) Phylum Coelenterata

Correct Answer: Phylum Annelida

QID : 235 - Synapse gap is present between which of the following?

Options:

- 1) Two neurons
- 2) Brain and Spinal Cord
- 3) Two Kidneys
- 4) None of these

Correct Answer: Two neurons

QID : 236 - Which organ has finger like outgrowths which are called as Villi (Singular Villus)?

Options:

- 1) Large Intestine
- 2) Bladder
- 3) Small Intestine
- 4) Stomach

Correct Answer: Small Intestine

QID : 237 - Which of the following is not a vector quantity?

Options:

- 1) Acceleration
- 2) Electric current
- 3) Force
- 4) Velocity

Correct Answer: Electric current

QID : 238 - The phenomena of raising the outer edge of the curved roads above the inner edge to provide necessary centripetal force to the vehicles to take a safe turn is called _____.

Options:

- 1) banking of roads
- 2) cornering of roads
- 3) elevation of roads

4) tempering of roads

Correct Answer: banking of roads

QID : 239 - C++ is _____.

Options:

- 1) an operating system
- 2) a programming language
- 3) a software
- 4) None of these

Correct Answer: a programming language

QID : 240 - What are isobars?

Options:

- 1) Elements with same atomic number but different mass number
- 2) Elements with different atomic number but same mass number
- 3) Elements with different atomic number and different mass number
- 4) Elements with same atomic number and same mass number

Correct Answer: Elements with different atomic number but same mass number

QID : 241 - Which of the following pairs is INCORRECT?

- I. Haematite : Iron
- II. Pitchblende : Copper
- III. Monazite : Thorium

Options:

- 1) Only I
- 2) Only II
- 3) Only I and II
- 4) Only I and III

Correct Answer: Only II

QID : 242 - In which year did Kyoto Protocol came into force?

Options:

- 1) 2004
- 2) 2005
- 3) 2006
- 4) 2007

Correct Answer: 2005

QID : 243 - The 7th pay commission has retained the rate of annual increment of _____.

Options:

- 1) 2%
- 2) 2.57%

3) 3%

4) 3.5%

Correct Answer: 3%

QID : 244 - Who discovered malaria causing germs?

Options:

- 1) Christiaan Bernard
- 2) Charles Louis Alphonse Laveran
- 3) Dmitry Ivanovsky
- 4) Martinus William Beijerinck

Correct Answer: Charles Louis Alphonse Laveran

QID : 245 -

Match the following.

निम्नलिखित का मिलान कीजिए।

F1 Race / एफ1 रेस

Winner / विजेता

1. F1 Australian Grand Prix,
2017

a. Sebastian Vettel
सेबेस्टियन वेट्टल

एफ1 ऑस्ट्रेलियाई गैंड प्रिक्स,
2017

2. F1 Russian Grand Prix,
2017

b. Lewis Hamilton
लुईस हैमिल्टन

एफ1 रशियन गैंड प्रिक्स,
2017

3. F1 Chinese Grand Prix,
2017

c. Valtteri Bottas
वाल्तेरी बोतास

एफ1 चीनी गैंड प्रिक्स, 2017

Options:

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

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

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

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

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

QID : 246 - Which of the following pair is INCORRECT?

Options:

1) Amjad Ali Khan - Tabla

2) Ustad Bismillah Khan - Shehnai

- 3) Hema Malini - Bharatnatyam
4) Shambhu Maharaj - Kathak
Correct Answer: Amjad Ali Khan - Tabla

QID : 247 - Who was conferred with the 2016 Nobel Prize for Literature?

Options:

- 1) Bob Dylan
2) Oliver Hart
3) Yoshinori Ohsumi
4) J. Michael Kosterlitz

Correct Answer: Bob Dylan

QID : 248 - Who is the author of the book titled 'The Gita for Children'?

Options:

- 1) Puja Changoiwala
2) Ruchira Gupta
3) Priyanka Mookerjee
4) Roopa Pai

Correct Answer: Roopa Pai

QID : 249 - With which country India celebrated its 25th year of diplomatic ties in 2017?

Options:

- 1) France
2) Russia
3) Israel
4) China

Correct Answer: Israel

QID : 250 - Which Asian country has opened 'Duge Bridge' (world's highest road bridge) for use in year 2016?

Options:

- 1) China
2) Russia
3) Japan
4) India

Correct Answer: China

(Mathematics)

QID : 251 - Which one is the largest among the fractions $(\frac{5}{113})$, $(\frac{7}{120})$, $(\frac{13}{145})$ and $(\frac{17}{160})$?

Options:

- 1) $\frac{5}{113}$
2) $\frac{7}{120}$
3) $\frac{13}{145}$
4) $\frac{17}{160}$

Correct Answer: $\frac{17}{160}$

QID : 252 - Nirmmit can do $\frac{2}{3}$ of a job in 18 days. Kashish is twice as efficient as Nirmmit. In how many days Kashish will complete the job?

Options:

1) $\frac{29}{4}$

2) $\frac{27}{2}$

3) $\frac{31}{2}$

4) $\frac{13}{2}$

Correct Answer: $\frac{27}{2}$

QID : 253 - 40 men took a dip in a pool 30 m long and 25 m broad. If the average water displaced by a man is 5 m³, then what will be the rise (in cm) in level of the pool?

Options:

1) 25

2) 26.66

3) 27.33

4) 28

Correct Answer: 26.66

QID : 254 - An article is listed at Rs 2375. A man purchases it at two successive discounts of 50% and 25% and spends Rs 165 on repairing of article. If he sells the article at a profit of 62.5%, then what is the selling price (in Rs) of the article?

Options:

1) 1467.6

2) 1492.6

3) 1715.39

4) 1467.6

Correct Answer: 1715.39

QID : 255 - The length, breadth and height of a cuboid are in the ratio 19 : 11 : 13. If length is 30 cm more than height, then what is the volume (in cm³) of this cuboid?

Options:

1) 81510

2) 89665

3) 195300

4) 339625

Correct Answer: 339625

QID : 256 - Average age of a team having 12 players is 23 years. If the age of the coach is also included, then the average age increases by 2 years. What is the age (in years) of the coach?

Options:

1) 41

2) 47

3) 49

4) 51

Correct Answer: 49

QID : 257 - An item is sold at two successive gains of 30% and 20%. If the final selling price is Rs 31200, then what is the cost price (in Rs)?

Options:

1) 15000

2) 20000

3) 22250

4) 24000

Correct Answer: 20000

QID : 258 - The number of trees in a town is 17640. If the numbers of trees increases annually at the rate of 5%, then how many trees were there 2 years ago?

Options:

1) 14000

2) 15000

3) 16000

4) 19450

Correct Answer: 16000

QID : 259 - Aman and Kapil starts from Delhi and Gwalior respectively towards each other at same time. They meet at Mathura and then take 196 minutes and 225 minutes respectively to reach Gwalior and Delhi. If speed of Aman is 30 km/hr, then what is the speed (in km/hr) of Kapil?

Options:

1) 28

2) 30

3) $225/7$

4) $392/15$

Correct Answer: 28

QID : 260 - The simple interest on a sum of money for 10 years is Rs 3130. If the principal becomes 5 times after 5 years, then what will be the total interest (in Rs) obtained after 10 years?

Options:

1) 6260

2) 7825

3) 9390

4) 15650

Correct Answer: 9390

QID : 261 -

If $\frac{11-13x}{x} + \frac{11-13y}{y} + \frac{11-13z}{z} = 5$, then what is

the value of $\frac{1}{x} + \frac{1}{y} + \frac{1}{z}$?

यदि $\frac{11-13x}{x} + \frac{11-13y}{y} + \frac{11-13z}{z} = 5$, तो $\frac{1}{x} + \frac{1}{y} + \frac{1}{z}$

का मान क्या है?

Options:

- 1) 1
- 2) 13/11
- 3) 13/5
- 4) 4

Correct Answer: 4

QID : 262 - If $2x + (9/x) = 9$, then what is the minimum value of $x^2 + (1/x^2)$?

Options:

- 1) 95/36
- 2) 97/36
- 3) 86/25
- 4) 623/27

Correct Answer: 97/36

QID : 263 - If $(5x - y)/(5x + y) = 3/7$, then what is the value of $(4x^2 + y^2 - 4xy)/(9x^2 + 16y^2 + 24xy)$?

Options:

- 1) 0
- 2) 3/7
- 3) 18/49
- 4) 1/6

Correct Answer: 0

QID : 264 - If $(x + y)^2 = xy + 1$ and $x^3 - y^3 = 1$, then what is the value of $x - y$?

Options:

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

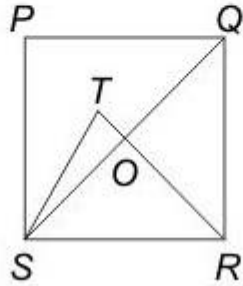
Correct Answer: 1

QID : 265 -

QID : 265 -

In the given figure, $PQRS$ is a square and SRT is an equilateral triangle. What is the value (in degrees) of $\angle SOR$?

दी गई आकृति में, $PQRS$ एक वर्ग है तथा SRT एक समबाहु त्रिभुज है। $\angle SOR$ का मान (डिग्री में) क्या है?



Options:

- 1) 45
- 2) 55
- 3) 60
- 4) 75

Correct Answer: 75

QID : 266 - ABCD is a parallelogram in which $AB = 7$ cm, $BC = 9$ cm and $AC = 8$ cm. What is the length (in cm) of other diagonal?

Options:

- 1) 14
- 2) $14\sqrt{2}$
- 3) 7
- 4) $7\sqrt{2}$

Correct Answer: 14

QID : 267 - How many diagonals are there in octagon?

Options:

- 1) 12
- 2) 14
- 3) 20
- 4) 24

Correct Answer: 20

QID : 268 - A square is inscribed in a quarter circle in such a way that two of its adjacent vertices on the radius are equidistant from the centre and other two vertices lie on the circumference. If the side of square is $\sqrt{5/2}$ cm, then what is the radius (in cm) of the circle?

Options:

- 1) 2
- 2) 2.5
- 3) 5
- 4) 10

Correct Answer: 2.5

QID : 269 - If $\sec^2 \theta + \tan^2 \theta = 5/3$, then what is the value of $\tan 2\theta$?

Options:

- 1) $2\sqrt{3}$
- 2) $\sqrt{3}$
- 3) $1/\sqrt{3}$
- 4) Cannot be determined

Correct Answer: $\sqrt{3}$

QID : 270 - A tower is broken at a point P above the ground. The top of the tower makes an angle 60° with the ground at Q. From another point R on the opposite side of Q angle of elevation of point P is 30° . If QR = 180 m, then what is the total height (in metres) of the tower?

Options:

- 1) 90
- 2) $45\sqrt{3}$
- 3) $45(\sqrt{3} + 1)$
- 4) $45(\sqrt{3} + 2)$

Correct Answer: $45(\sqrt{3} + 2)$

QID : 271 - If $\sin \theta + \sin 5\theta = \sin 3\theta$ and $0 < \theta < (\pi/2)$, then what is the value of θ (in degrees)?

Options:

- 1) 30
- 2) 45
- 3) 60
- 4) 75

Correct Answer: 30

QID : 272 -

The table given below represents the cost, revenue and tax rate for XYZ Limited for a period of 8 years. Cost and revenue are given in Rs '000 crores.

नीचे दी गई तालिका में XYZ लिमिटेड की 8 वर्षों की अवधि के लिए लागत, राजस्व तथा कर की दर को दर्शाया गया है। लागत तथा आय '000 करोड़ रु. में दी गई है।

Year वर्ष	Revenue राजस्व	Cost लागत	Tax rate कर की दर
Y1	800	600	20%
Y2	1100	850	22%
Y3	1200	900	22%
Y4	1200	950	25%
Y5	1350	1050	30%
Y6	1500	1200	30%
Y7	1600	1240	33%
Y8	1850	1400	15%

Profit for any year = revenue – cost

किसी वर्ष का लाभ = राजस्व – लागत

Profit after tax for any year = profit of that year – tax of that year

किसी वर्ष के लिए कर के बाद का लाभ = उस वर्ष का लाभ – उस वर्ष का कर

Tax on any year = tax rate of that year × profit of the year

किसी वर्ष का कर = उस वर्ष के कर की दर × उस वर्ष का लाभ

How much tax (in Rs '000 crores) was paid by XYZ limited in Y7?

Options:

- 1) 90
- 2) 99
- 3) 118.8
- 4) 126

Correct Answer: 118.8

QID : 273 -

The table given below represents the cost, revenue and tax rate for XYZ Limited for a period of 8 years. Cost and revenue are given in Rs '000 crores.

नीचे दी गई तालिका में XYZ लिमिटेड की 8 वर्षों की अवधि के लिए लागत, राजस्व तथा कर की दर को दर्शाया गया है। लागत तथा आय '000 करोड़ रु. में दी गई है।

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Tax on any year = tax rate of that year × profit of the year

किसी वर्ष का कर = उस वर्ष के कर की दर × उस वर्ष का लाभ

Which of the following is correct about profit after tax for year Y2, Y6 and Y8?

Options:

- 1) $Y8 > Y6 = Y2$
- 2) $Y6 > Y2 > Y8$
- 3) $Y8 > Y6 > Y2$
- 4) $Y6 = Y8 > Y2$

Correct Answer: $Y8 > Y6 > Y2$

QID : 274 -

The table given below represents the cost, revenue and tax rate for XYZ Limited for a period of 8 years. Cost and revenue are given in Rs '000 crores.

नीचे दी गई तालिका में XYZ लिमिटेड की 8 वर्षों की अवधि के लिए लागत, राजस्व तथा कर की दर को दर्शाया गया है। लागत तथा आय '000 करोड़ रु. में दी गई है।

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Y7	1600	1240	33%
Y8	1850	1400	15%

Profit for any year = revenue – cost

किसी वर्ष का लाभ = राजस्व – लागत

Profit after tax for any year = profit of that year – tax of that year

किसी वर्ष के लिए कर के बाद का लाभ = उस वर्ष का लाभ – उस वर्ष का कर

Tax on any year = tax rate of that year × profit of the year

किसी वर्ष का कर = उस वर्ष के कर की दर × उस वर्ष का लाभ

How many distinct values of yearly profit are there?

Options:

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

Correct Answer: 5

QID : 275 -

The table given below represents the cost, revenue and tax rate for XYZ Limited for a period of 8 years. Cost and revenue are given in Rs '000 crores.

नीचे दी गई तालिका में XYZ लिमिटेड की 8 वर्षों की अवधि के लिए लागत, राजस्व तथा कर की दर को दर्शाया गया है। लागत तथा आय '000 करोड़ रु. में दी गई है।

Year वर्ष	Revenue राजस्व	Cost लागत	Tax rate कर की दर
Y1	800	600	20%
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Y3	1200	900	22%
Y4	1200	950	25%
Y5	1350	1050	30%
Y6	1500	1200	30%
Y7	1600	1240	33%
Y8	1850	1400	15%

Profit for any year = revenue – cost

किसी वर्ष का लाभ = राजस्व – लागत

Profit after tax for any year = profit of that year – tax of that year

किसी वर्ष के लिए कर के बाद का लाभ = उस वर्ष का लाभ – उस वर्ष का कर

Tax on any year = tax rate of that year × profit of the year

किसी वर्ष का कर = उस वर्ष के कर की दर × उस वर्ष का लाभ

What is the total sum (in '000 crores) of profit after tax for Y1 to Y8?

Options:

- 1) 1763.6
- 2) 1803.2
- 3) 1820.2
- 4) 1872.4

Correct Answer: 1820.2

(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'.

My elder son deals with (1)/ spare parts and manages (2)/ his bread and butter. (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'.

Sneha was accused for murder of her husband (1)/ but the court found her (2)/ not guilty and acquitted her. (3)/ No Error (4)

Options:

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

Correct Answer: 1

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.

My sister's marriage passed _____ peacefully.

Options:

- 1) away
- 2) by
- 3) off
- 4) out

Correct Answer: off

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.

There are _____ books on computer science in your school library, so you need to purchase them from the market.

Options:

- 1) a few
- 2) a little
- 3) few
- 4) the few

Correct Answer: few

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

Atrocity

Options:

- 1) Difficulty
- 2) Barbarity
- 3) Shy
- 4) Gloomy

Correct Answer: Barbarity

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

Procrastinate

Options:

- 1) Divert
- 2) Deceive
- 3) Debase
- 4) Delay

Correct Answer: Delay

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

Raucous

Options:

- 1) Dulcet
- 2) Hoarse
- 3) Jarring
- 4) Torrent

Correct Answer: Dulcet

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

Predilection

Options:

- 1) Inclination
- 2) Enduring
- 3) Enmity
- 4) Domicile

Correct Answer: Enmity

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

A wild goose chase

Options:

- 1) Fruitful search
- 2) Timely search
- 3) Useless search
- 4) Wrong decision

Correct Answer: Useless search

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

A moot point

Options:

- 1) Agreeable
- 2) Disputed
- 3) Unclear
- 4) Unknown

Correct Answer: Disputed

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

The Chairman appointed her (as a secretary) as she is efficient.

Options:

- 1) a secretary
- 2) as secretary
- 3) secretary
- 4) No improvement

Correct Answer: No improvement

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

I wish I (was) a superman.

Options:

- 1) am
- 2) have been
- 3) were
- 4) No improvement

Correct Answer: were

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

One who is honourably discharged from service

Options:

- 1) Belligerent
- 2) Emeritus
- 3) Truant
- 4) Mercenary

Correct Answer: Emeritus

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

A perception without objective reality

Options:

- 1) Cynicism
- 2) Hallucination
- 3) Illusion
- 4) Optimism

Correct Answer: Hallucination

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) Anxiety
- 2) Believe
- 3) Height
- 4) Peity

Correct Answer: Peity

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) Admited
- 2) Benefited
- 3) Married
- 4) Offered

Correct Answer: Admited

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- Granted, political defection is increasingly less an act of ideological defiance than one of pure opportunism.

Q- Yet, for all its flaws, the current law recognizes and respects one fundamental principle: The right to dissent.

R- A blanket ban on defection will weaken rather than strengthen democracy, in whose name it is being sought to be imposed.

S- Granted also that it is illogical to allow a third of the party to split but not in a lesser number.

Options:

1) RPSQ

2) PSRQ

3) RSPQ

4) PRSQ

Correct Answer: RPSQ

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- As difficult as it may be to recognize what it is inside us that is making us respond with negativity, that is the path towards forgiveness.

Q- This will automatically change your relationship with the other person and you will feel much better.

R- We need to recognize our reaction to the other person as a mirror of something in ourselves.

S- Whatever, the issues might be, once you have discovered them, you can work on forgiving yourself.

Options:

1) SQRP

2) SRQP

3) RQPS

4) RPSQ

Correct Answer: RPSQ

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.

After driving Dr. Bose to the hospital he dropped him at his guest house.

Options:

1) After being driven to the hospital Dr. Bose was dropped at his guest house.

2) After he had driven Dr. Bose to the hospital he had dropped him at his guest house.

3) After he was driving Dr. Bose to the hospital he was dropping him at his guest house.

4) Dr. Bose was being driven to the hospital first and then he was being dropped at his guest house.

Correct Answer: After being driven to the hospital Dr. Bose was dropped at his guest house.

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.

I said to my friends, "let us go to a picnic for a change".

Options:

1) I asked my friends if they would go to a picnic for a change.

2) I asked my friends to go to a picnic for a change.

3) I permitted my friends to go to a picnic for a change.

4) I suggested to my friends that we should go to a picnic for a change.

Correct Answer: I suggested to my friends that we should go to a picnic for a change.

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.

Literature is a _____ through which a person conveys his ideas towards or protest _____ different norms of society. The words that deal with a _____ issue are of particular importance in literature. They are _____ with a particular purpose in _____.

Literature is a _____ through which a person

Options:

- 1) base
- 2) medium
- 3) source
- 4) subject

Correct Answer: medium

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.

Literature is a _____ through which a person conveys his ideas towards or protest _____ different norms of society. The words that deal with a _____ issue are of particular importance in literature. They are _____ with a particular purpose in _____.

conveys his ideas towards or protest _____ different norms

Options:

- 1) against
- 2) for
- 3) in
- 4) off

Correct Answer: against

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.

Literature is a _____ through which a person conveys his ideas towards or protest _____ different norms of society. The words that deal with a _____ issue are of particular importance in literature. They are _____ with a particular purpose in _____.

of society. The words that deal with a _____ issue

Options:

- 1) broad
- 2) insensitive
- 3) moral
- 4) economical

Correct Answer: moral

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.

Literature is a _____ through which a person conveys his ideas towards or protest _____ different norms of society. The words that deal with a _____ issue are of particular importance in literature. They are _____ with a particular purpose in _____.

are of particular importance in literature. They are _____ with

Options:

- 1) brought
- 2) founded
- 3) represented
- 4) written

Correct Answer: written

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.

Literature is a _____ through which a person conveys his ideas towards or protest _____ different norms of society. The words that deal with a _____ issue are of particular importance in literature. They are _____ with a particular purpose in _____.

a particular purpose in _____.

Options:

- 1) all
- 2) hand
- 3) mind
- 4) total

Correct Answer: mind

PACE ACADEMY