

# SSC CGL 2017 EXAM PAPER : Held on 12-AUG-2017 Shift-1

## (Reasoning)

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

Mathematics : Formulas :: Chemistry : ?

**Options:**

- 1) Reactions
- 2) Organisms
- 3) Theorems
- 4) Gravity

**Correct Answer:** Reactions

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

YONEX : DUUMG :: JASPO : ?

**Options:**

- 1) OGZXX
- 2) OXXZF
- 3) OZTYT
- 4) OZXXG

**Correct Answer:** OGZXX

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

49 : 169 :: 66 : ?

**Options:**

- 1) 126
- 2) 132
- 3) 144
- 4) 162

**Correct Answer:** 144

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

**Options:**

- 1) Mobile
- 2) Computer
- 3) Fountain Pen
- 4) Television

**Correct Answer:** Fountain Pen

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

**Options:**

- 1) BN – P
- 2) GI – R

3) LM – Y

4) TA – U

**Correct Answer:** GI – R

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

**Options:**

1) (143, 64)

2) (232, 49)

3) (719, 289)

4) (462, 169)

**Correct Answer:** (462, 169)

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

1. Exacts
2. Exotic
3. Exactly
4. Exacerbate
5. Exhaust

**Options:**

1) 43152

2) 43251

3) 53421

4) 54312

**Correct Answer:** 43152

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

FK27, LQ64, RW125, ?

**Options:**

1) CX216

2) XB216

3) XC216

4) YB343

**Correct Answer:** XC216

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

19, 11, 13, 16, 15, 17, 13, 19, 21, ?

**Options:**

- 1) 10
- 2) 11
- 3) 12
- 4) 15

**Correct Answer:** 10

**QID : 10** - Punit starting from point R walked straight 10 km west, then turned right and walked 12 km and again turned right and walked straight 7 km. In which direction is he from point R?

**Options:**

- 1) North-East
- 2) North-West
- 3) South-East
- 4) South-West

**Correct Answer:** North-West

**QID : 11** - Ratio of present ages of P and Q is 9 : 4. The difference between their ages is 20 years. What will be the sum (in years) of their ages after 10 years?

**Options:**

- 1) 62
- 2) 66
- 3) 72
- 4) 76

**Correct Answer:** 72

**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.

REASONABLE

**Options:**

- 1) EASE
- 2) NOBLE
- 3) SEASON
- 4) SOLAR

**Correct Answer:** SEASON

**QID : 13** - In a certain code language, "PUNISHED" is written as "288" and "TAILOR" is written as "225". How is "RELEASED" written in that code language?

**Options:**

- 1) 207
- 2) 237

3) 225

4) 243

**Correct Answer:** 207

**QID : 14** - In the following question, by using which mathematical operators will the expression become correct?

$15 \_ 3 \_ 4 \_ 20$

**Options:**

1)  $\times, \div$  and  $>$

2)  $\div, \times$  and  $<$

3)  $\div, \times$  and  $=$

4)  $+, \times$  and  $=$

**Correct Answer:**  $\div, \times$  and  $=$

**QID : 15** - If  $19 \$ 7 = 312$  and  $23 \$ 9 = 448$ , then

$31 \$ 11 = ?$

**Options:**

1) 231

2) 441

3) 641

4) 840

**Correct Answer:** 840

**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 चिह्न

(?) के स्थान पर आने वाली संख्या को चुनिए।

3	2	625
5	3	4096
4	2	?

**Options:**

1) 216

2) 1024

3) 1296

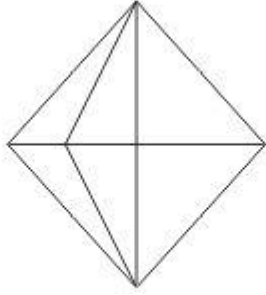
4) 2024

**Correct Answer:** 1296

**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 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 twinkle.
- II. All satellites twinkle.

Conclusions:

- I. Some stars are satellites.
- II. Some stars twinkle.

**Options:**

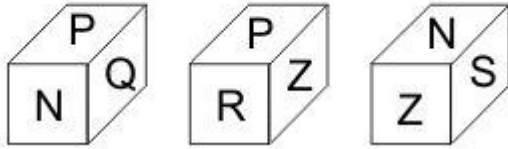
- 1) Only conclusion (I) follows.
- 2) Only conclusion (II) follows.
- 3) Neither conclusion (I) nor conclusion (II) follows.
- 4) Both conclusions follow.

**Correct Answer:** Only conclusion (II) follows.

**QID : 19 -**

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

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



**Options:**

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

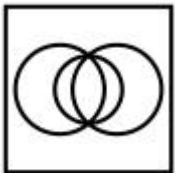
**Correct Answer: Z**

**QID : 20** - Identify the diagram that best represents the relationship among the given classes.

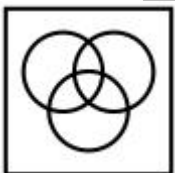
Country, State, City

**Options:**

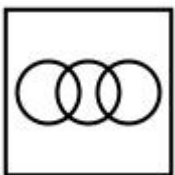
- 1)



- 2)



- 3)



- 4)

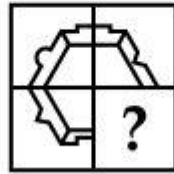


Correct Answer:

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)

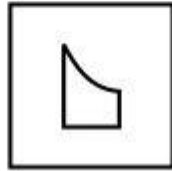


Correct Answer:

QID : 22 -

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

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



Options:

1)



2)

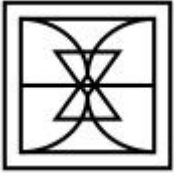


3)



4)



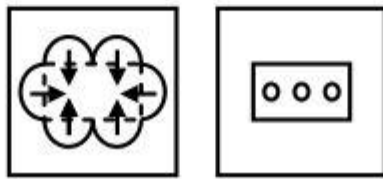


Correct Answer:

QID : 23 -

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

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

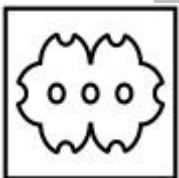


Options:

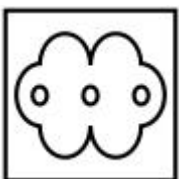
1)



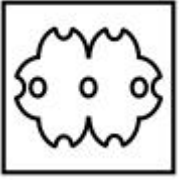
2)



3)



4)

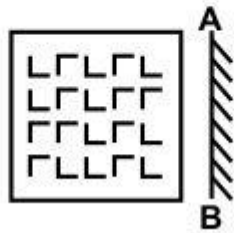


Correct Answer:

QID : 24 -

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 : 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, 'L' can be represented by 22, 43, etc., and 'K' can be represented by 75, 97, etc. Similarly, you have to identify the set for the word "PACK".

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 'L' को 22, 43, आदि द्वारा दर्शाया जा सकता है तथा 'K' को 75, 97, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए गए शब्द "PACK" के लिए समूह को पहचानना है।

Matrix-I  
आव्यूह-I

	0	1	2	3	4
0	C	L	A	Z	R
1	A	Z	C	R	L
2	Z	R	L	A	C
3	L	A	R	C	Z
4	R	C	Z	L	A

Matrix-II  
आव्यूह-II

	5	6	7	8	9
5	S	K	T	P	V
6	T	S	V	K	P
7	K	V	P	S	T
8	P	T	S	V	K
9	V	P	K	T	S

Options:

- 1) 69, 02, 12, 65
- 2) 58, 23, 24, 76
- 3) 77, 31, 34, 68
- 4) 96, 44, 41, 97

Correct Answer: 96, 44, 41, 97

(General Awareness)

**QID : 26** - Which of the following pair/pairs is/are INCORRECT?

- I. Golden revolution - Fruits production
- II. Blue revolution - Increasing production of fertilizers
- III. Yellow revolution - For the production of eggs

**Options:**

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

**Correct Answer:** Both II and III

**QID : 27** - MTNL comes under which of the following category?

**Options:**

- 1) Navratna
- 2) Maharatna
- 3) Mini Ratna
- 4) None option is correct

**Correct Answer:** Navratna

**QID : 28** - Which of the following right has been removed from fundamental rights and converted to a simple legal right?

**Options:**

- 1) Right to life and personal liberty
- 2) Right to property
- 3) Right to education
- 4) Right to freedom of religion

**Correct Answer:** Right to property

**QID : 29** - Which of the following does not come under Fundamental Duty?

**Options:**

- 1) To safeguard public property
- 2) To protect and improve the natural environment
- 3) To promote harmony
- 4) To protect freedom of speech and expression

**Correct Answer:** To protect freedom of speech and expression

**QID : 30** - Which emperor wrote the play 'Nagananda' in Sanskrit language?

**Options:**

- 1) Prabhakaravardhana
- 2) Harshavardhana
- 3) Chandragupta II
- 4) Bindusara

**Correct Answer:** Harshavardhana

**QID : 31** -

Match the following.

निम्नलिखित का मिलान कीजिए।

<b>Social Reform Movement / धर्म सुधार आंदोलन</b>	<b>Founder / संस्थापक</b>
1. Arya Samaj आर्य समाज	a. Raja Ram Mohan Roy राजा राममोहन राय
2. Brahmo Samaj ब्रह्म समाज	b. Dayanand Saraswati दयानंद सरस्वती
3. Veda Samaj वेद समाज	c. Atmaram Pandurang आत्माराम पांडुरंग
4. Prathna Samaj प्रार्थना समाज	d. Keshab Chandra Sen and K. Sridharalu Naidu केशवचंद्र सेन तथा के. श्रीधरलु नायडू

**Options:**

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

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

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

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

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

**QID : 32** - The boundary between Earth's crust and mantle is \_\_\_\_\_.

**Options:**

1) Moho discontinuity

2) Lehman discontinuity

3) Conrad discontinuity

4) Gutenberg discontinuity

**Correct Answer:** Moho discontinuity

**QID : 33** - Doldrums pressure belts lies in between which of the following latitudes?

**Options:**

- 1) 50° N to 50° S
- 2) 35° to 60° N and S
- 3) 25° to 35° N and S
- 4) 35° to 45° N and S

**Correct Answer:** 50° N to 50° S

**QID : 34** - Which component in tobacco makes it harmful for human consumption?

**Options:**

- 1) Morphine
- 2) Nicotine
- 3) Heroin
- 4) None of these

**Correct Answer:** Nicotine

**QID : 35** - What is full form of BOD?

**Options:**

- 1) Biological Oxygen Deficit
- 2) Biological Oxygen Difference
- 3) Biological Oxygen Demand
- 4) Biological Oxygen Distribution

**Correct Answer:** Biological Oxygen Demand

**QID : 36** - Alveoli 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:** Respiratory system

**QID : 37** - What is the SI unit of intensity of sound?

**Options:**

- 1) Decibel
- 2) Newton
- 3) Hertz
- 4) Tesla

**Correct Answer:** Decibel

**QID : 38** - Which colour is formed when Blue and Green are mixed?

**Options:**

- 1) Cyan
- 2) Brown
- 3) Black
- 4) Violet

**Correct Answer:** Cyan

**QID : 39** - In computer terminology, what is the full form of FTP?

**Options:**

- 1) Final Transfer Position
- 2) File Transfer Position
- 3) File Transfer Packet
- 4) File Transfer Protocol

**Correct Answer:** File Transfer Protocol

**QID : 40** - What is an exothermic 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 released.

**QID : 41** - What are the main components of Brass Alloy?

**Options:**

- 1) Copper and Zinc
- 2) Copper and Strontium
- 3) Copper, Zinc and Nickel
- 4) Copper and Nickel

**Correct Answer:** Copper and Zinc

**QID : 42** - Which among the following is national water animal of India?

**Options:**

- 1) Crocodile
- 2) Turtle
- 3) Alligator
- 4) Gangetic Dolphin

**Correct Answer:** Gangetic Dolphin

**QID : 43** - Pradhan Mantri Surakshit Matritwa Abhiyan provides facility of free health check-up and required treatment on \_\_\_\_\_ day of every month.

**Options:**

- 1) 1st
- 2) 9th
- 3) 15th
- 4) 30th

**Correct Answer:** 9th

**QID : 44** - What was invented by J. B. Dunlop?

**Options:**

- 1) Airplane
- 2) Car
- 3) Rubber Tyre
- 4) Rubber Boot

**Correct Answer:** Car

**QID : 45** - At which of the following stadium Sachin Tendulkar scored his 100th international century?

**Options:**

- 1) Wankhede Stadium
- 2) Sher-e-Bangla Stadium
- 3) Shahid Chandu Stadium
- 4) Barabati Stadium

**Correct Answer:** Sher-e-Bangla Stadium

**QID : 46** - Who amongst the following is a renowned vocalist?

**Options:**

- 1) Kaushalaya Reddy
- 2) Manjit Bawa
- 3) Raja Ravi Verma
- 4) Pt. Jasraj

**Correct Answer:** Pt. Jasraj

**QID : 47** - Which actress has been awarded with 64th National film Awards 2017?

**Options:**

- 1) Surabhi CM
- 2) Tapasee Pannu
- 3) Trisha Krishnan
- 4) Anushka Shetty

**Correct Answer:** Surabhi CM

**QID : 48** - What is the name of the autobiography of Sachin Tendulkar?

**Options:**

- 1) Numbers Do Lie
- 2) Playing it my way
- 3) Once upon a Time
- 4) What is Remembered

**Correct Answer:** Playing it my way

**QID : 49** - India recently notified the Third protocol to amend Double Taxation Avoidance Agreement with which of the following countries?

**Options:**

- 1) China
- 2) Vietnam
- 3) Singapore
- 4) Malaysia

**Correct Answer:** Singapore

**QID : 50** -



Match the following.

निम्नलिखित का मिलान कीजिए।

Country / देश	Currency / मुद्रा
1. Bangladesh बांग्लादेश	a. Ngultrum न्गुम्त्रुम
2. Myanmar म्यान्मार	b. Rufiyaa रूफिया
3. Maldives मालदीव	c. Taka टका
4. Bhutan भूटान	d. Kyat क्यात

**Options:**

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

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

**(Mathematics)**

**QID : 51** - If  $56M4$  is completely divisible by 11, then what is the value of M?

**Options:**

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

**Correct Answer:** 5

**QID : 52** - A and B can together do a piece of work in 10 days. If A works with twice of his efficiency and B works with an efficiency  $\frac{1}{3}$ rd less than his efficiency, then the work gets completed in 6 days. In how many days can A and B do the work alone respectively?

**Options:**

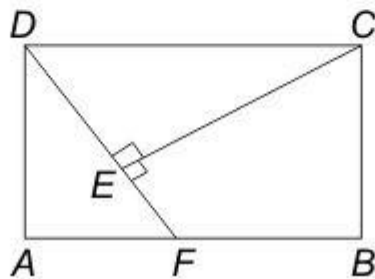
- 1)  $\frac{40}{3}$ , 40
- 2)  $\frac{20}{3}$ , 20
- 3) 30,  $\frac{20}{3}$
- 4)  $\frac{50}{3}$ , 25

**Correct Answer:**  $\frac{40}{3}$ , 40

QID : 53 -

In the given figure,  $ABCD$  is a rectangle.  $F$  is a point on  $AB$  and  $CE$  is drawn perpendicular to  $DF$ . If  $CE = 60$  cm and  $DF = 40$  cm, then what is the area (in  $\text{cm}^2$ ) of the rectangle  $ABCD$ ?

दी गई आकृति में,  $ABCD$  एक आयत है।  $F$ ,  $AB$  पर एक बिन्दु है तथा  $CE$ ,  $DF$  पर लम्ब है। यदि  $CE = 60$  से.मी. तथा  $DF = 40$  से.मी. है, तो आयत  $ABCD$  का क्षेत्रफल (से.मी.<sup>2</sup> में) क्या है?



Options:

- 1) 1200
- 2) 1800
- 3) 2400
- 4) 2800

Correct Answer: 2400

QID : 54 - What will be the net discount (in %) of two successive discounts of 15% and 35%?

Options:

- 1) 44.75
- 2) 51.25
- 3) 55.25
- 4) 56.25

Correct Answer: 44.75

QID : 55 - A company, at the time of inflation reduced the staff in the ratio 5 : 3 and average salary per employee is increased in the ratio 7 : 8. By doing so, the company saved Rs 55000. What was the initial expenditure (in Rs) of company?

Options:

- 1) 155000
- 2) 160000

3) 175000

4) 215000

**Correct Answer:** 175000

**QID : 56** - a, b and c are 3 values, such that  $a + b = 5$ ,  $b + c = 7.5$  and  $c + a = 8.5$ . What will be the average of these values?

**Options:**

1) 1.5

2) 3

3) 3.5

4) 4.5

**Correct Answer:** 3.5

**QID : 57** - Due to increase of 33.33% in the price of apples, a customer can purchase 4 apples less for Rs 16. What is the original price (in paise) of an apple?

**Options:**

1) 100

2) 125

3) 150

4)  $400/3$

**Correct Answer:** 100

**QID : 58** - Due to increase of  $k\%$  in the side, the area of a square increases by 69%. What is the value of  $k$ ?

**Options:**

1) 30

2) 33

3) 34.5

4) 35

**Correct Answer:** 30

**QID : 59** - A starts from a point at a speed of 30 metre/second. After 3 seconds, B starts chasing A from the same point with a speed of 50 metre/second. What will be the total distance (in metres) travelled by A and B before A is caught by B?

**Options:**

1) 360

2) 450

3) 600

4) 720

**Correct Answer:** 450

**QID : 60** - The difference between compound interest and simple interest on a sum for 2 year at 20% per annum is Rs 200. If the interest is compounded half yearly, then what is the difference (in Rs) between compound and simple interest for 1st year?

**Options:**

- 1) 50
- 2) 75
- 3) 100
- 4) 150

**Correct Answer:** 50

**QID : 61** - If  $x(2x + 3) = 90$  and  $7y^{-1/2} + 2y^{-1/2} = y^{1/2}$  ( $x$  and  $y$  are positive numbers), then what is the value of  $x^2 + y^2$ ?

**Options:**

- 1) 45
- 2) 109
- 3) 117
- 4) 126

**Correct Answer:** 117

**QID : 62** - If  $x/y = 4/9$ , then what is the value of  $(7x^2 - 19xy + 11y^2)/y^2$ ?

**Options:**

- 1) 59/81
- 2) 100/27
- 3) 319/81
- 4) 913/81

**Correct Answer:** 319/81

**QID : 63** - If  $x - 3 + [1/(x - 3)] = 4$ , what is the value of  $(x - 3)^3 + [1/(x - 3)]^3$ ?

**Options:**

- 1) 14
- 2) 18
- 3) 52
- 4) 76

**Correct Answer:** 52

**QID : 64** - If  $x^2 + y^2 + z^2 = xy + yz + zx$ , then what is the value of  $(7x + 3y - 5z)/5x$ ?

**Options:**

- 1) 0
- 2) 1
- 3) 5
- 4) 33/5

**Correct Answer:** 1

**QID : 65** - The length of diagonal BD of a parallelogram ABCD is 36 cm. P and Q are the centroids of triangle ABC and triangle ADC respectively. What is the length (in cm) of PQ?

**Options:**

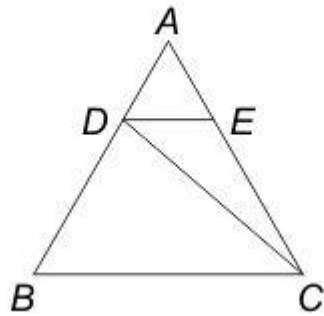
- 1) 6
- 2) 9
- 3) 12
- 4) 18

**Correct Answer:** 12

**QID : 66 -**

In the given figure,  $DE \parallel BC$  and  $DE = \frac{1}{3} BC$ . If area of triangle  $ADE = 20 \text{ cm}^2$ , then what is the area (in  $\text{cm}^2$ ) of triangle  $DEC$ ?

दी गई आकृति में,  $DE \parallel BC$  तथा  $DE = \frac{1}{3} BC$  है। यदि त्रिभुज  $ADE$  का क्षेत्रफल 20 से.मी.<sup>2</sup> हो, तो त्रिभुज  $DEC$  का क्षेत्रफल (से.मी.<sup>2</sup> में) क्या है?



**Options:**

- 1) 40
- 2) 60
- 3) 80
- 4) 120

**Correct Answer:** 40

**QID : 67 -** If an equilateral triangle has side 12 cm, then what is the difference (in cm) between the circumradius and inradius?

**Options:**

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

**Correct Answer:**  $2\sqrt{3}$

**QID : 68 -** If sum of the areas of the circumcircle and the incircle of an equilateral triangle is  $770 \text{ cm}^2$ , then what is the area (in  $\text{cm}^2$ ) of the triangle?

**Options:**

1)  $125\sqrt{3}$

2)  $147\sqrt{3}$

3)  $156\sqrt{3}$

4)  $169\sqrt{3}$

**Correct Answer:**  $147\sqrt{3}$

**QID : 69** - What is the value of  $\sin(-\pi/3) + \cos(-\pi/6)$ ?

**Options:**

1) 0

2) 1

3) 2

4) 3

**Correct Answer:** 0

**QID : 70** - If  $\theta$  is acute angle and  $\tan \theta - \cot \theta = 0$ , then what is the value of  $\tan^{26} \theta + \cot^{100} \theta$ ?

**Options:**

1) -2

2) 0

3) 1

4) 2

**Correct Answer:** 2

**QID : 71** - If  $\sin 3\theta \sec 2\theta = 1$ , then what is the value of  $[3 \tan^2(5\theta/2) - 1]$ ?

**Options:**

1) 0

2) 1

3) 2

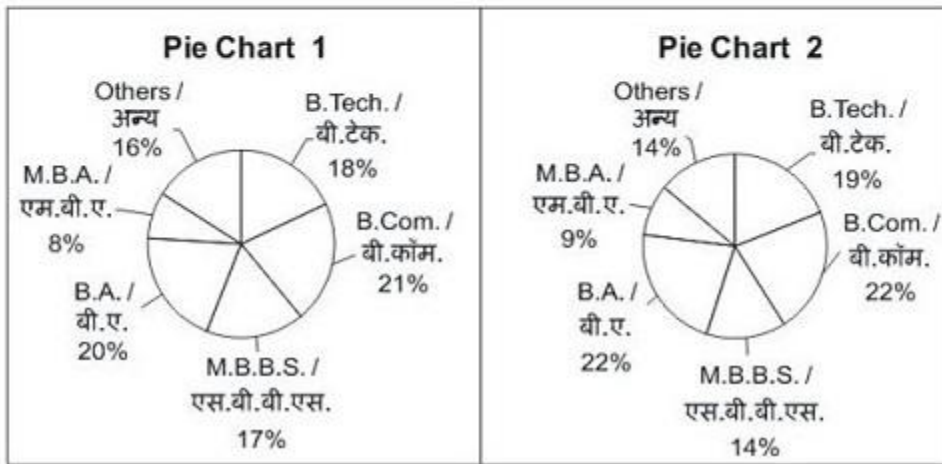
4) 3

**Correct Answer:** 2

**QID : 72** -

The Pie chart 1 given below shows the segregation of 40000000 candidates who have filled the form of an examination. Pie chart 2 shows the segregation 35000000 candidates who were present in the examination. The segregation in both pie charts has been done on the basis of their highest qualification.

नीचे दिए गए वृत्त चित्र 1 में 40000000 उम्मीदवारों के पृथक्करण को दर्शाया गया है, जिन्होंने एक परीक्षा का पर्चा भरा है। वृत्त चित्र 2 में 35000000 उम्मीदवारों के पृथक्करण को दर्शाया गया है, जो परीक्षा में उपस्थित हुए। दोनों वृत्त चित्रों में पृथक्करण उम्मीदवारों की उच्चतम शिक्षा के आधार पर किया गया है।



If 18% of M.B.B.S. who have filled the form are from XYZ University, then how many M.B.B.S. candidates from XYZ University have filled the form?

**Options:**

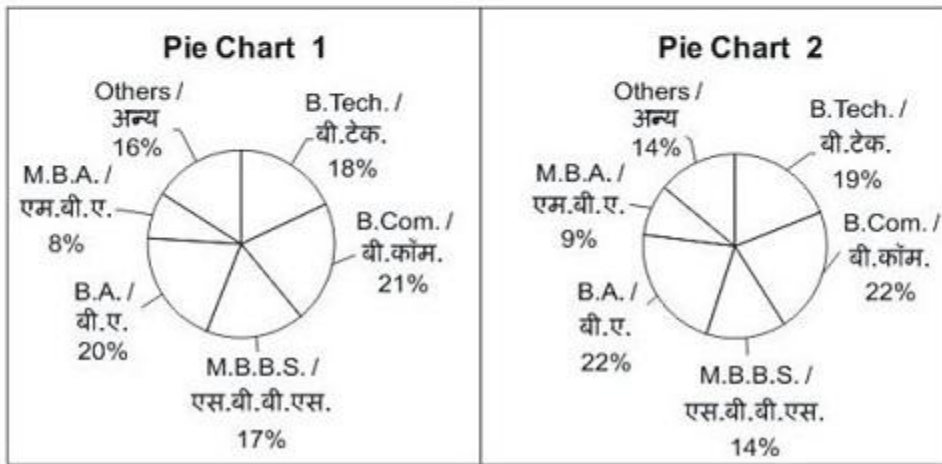
- 1) 1512000
- 2) 1224000
- 3) 1440000
- 4) None of these

**Correct Answer:** 1224000

**QID : 73**

The Pie chart 1 given below shows the segregation of 40000000 candidates who have filled the form of an examination. Pie chart 2 shows the segregation 35000000 candidates who were present in the examination. The segregation in both pie charts has been done on the basis of their highest qualification.

नीचे दिए गए वृत्त चित्र 1 में 40000000 उम्मीदवारों के पृथक्करण को दर्शाया गया है, जिन्होंने एक परीक्षा का पर्चा भरा है। वृत्त चित्र 2 में 35000000 उम्मीदवारों के पृथक्करण को दर्शाया गया है, जो परीक्षा में उपस्थित हुए। दोनों वृत्त चित्रों में पृथक्करण उम्मीदवारों की उच्चतम शिक्षा के आधार पर किया गया है।



What is the absolute difference in the B.Tech.'s who have filled the form and M.B.A.'s who were present in the examination?

**Options:**

- 1) 3500000
- 2) 3000000
- 3) 4050000
- 4) 4000000

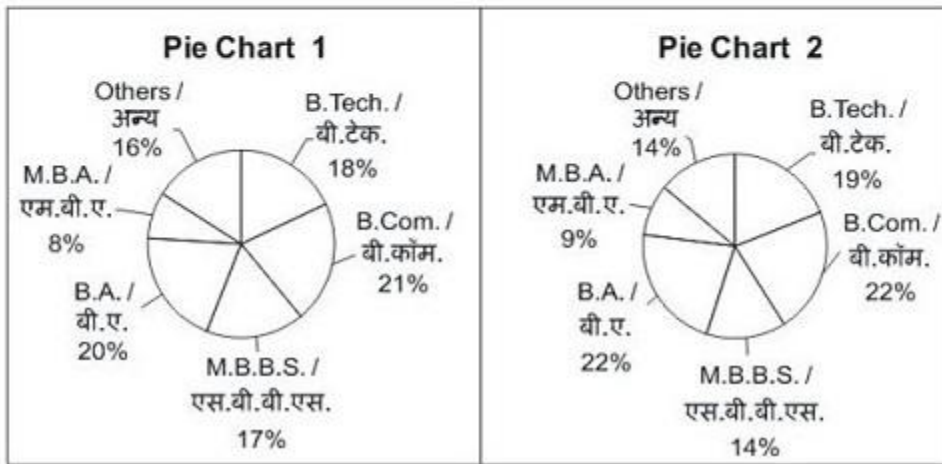
**Correct Answer:** 4050000

**QID : 74 -**



The Pie chart 1 given below shows the segregation of 40000000 candidates who have filled the form of an examination. Pie chart 2 shows the segregation 35000000 candidates who were present in the examination. The segregation in both pie charts has been done on the basis of their highest qualification.

नीचे दिए गए वृत्त चित्र 1 में 40000000 उम्मीदवारों के पृथक्करण को दर्शाया गया है, जिन्होंने एक परीक्षा का पर्चा भरा है। वृत्त चित्र 2 में 35000000 उम्मीदवारों के पृथक्करण को दर्शाया गया है, जो परीक्षा में उपस्थित हुए। दोनों वृत्त चित्रों में पृथक्करण उम्मीदवारों की उच्चतम शिक्षा के आधार पर किया गया है।



50% of others who have filled the form are B. Arch. and 45% of others who were present in the exam are B. Arch. How many B. Arch. candidates did not gave the exam?

**Options:**

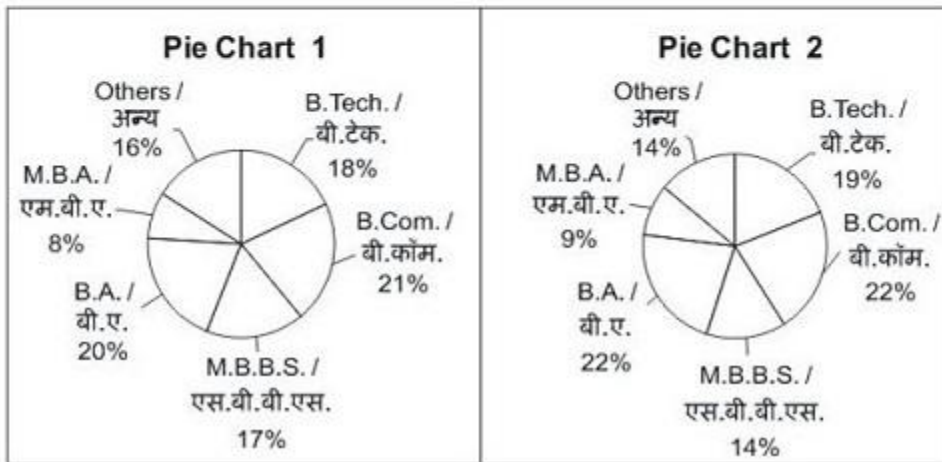
- 1) 995000
- 2) 685000
- 3) 430000
- 4) 756000

**Correct Answer:** 995000

**QID : 75 -**

The Pie chart 1 given below shows the segregation of 40000000 candidates who have filled the form of an examination. Pie chart 2 shows the segregation 35000000 candidates who were present in the examination. The segregation in both pie charts has been done on the basis of their highest qualification.

नीचे दिए गए वृत्त चित्र 1 में 40000000 उम्मीदवारों के पृथक्करण को दर्शाया गया है, जिन्होंने एक परीक्षा का पर्चा भरा है। वृत्त चित्र 2 में 35000000 उम्मीदवारों के पृथक्करण को दर्शाया गया है, जो परीक्षा में उपस्थित हुए। दोनों वृत्त चित्रों में पृथक्करण उम्मीदवारों की उच्चतम शिक्षा के आधार पर किया गया है।



Which highest qualification accounted for most number of absentees?

**Options:**

- 1) B.A.
- 2) Others
- 3) B.com.
- 4) None of these

**Correct Answer:** None of these

### (English comprehension)

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

If it would (1)/ rain, they will (2)/not come. (3)/ No Error (4)

**Options:**

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

**Correct Answer:** 1

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

Organic pulses are so popular today (1)/ that many people wonder (2)/ how they ever lived without them. (3)/ No Error (4)

**Options:**

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

**Correct Answer:** 3

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

My father did not approve \_\_\_\_\_ the plan of travelling to Uttarakhand because of bad weather there.

**Options:**

- 1) of
- 2) one
- 3) to
- 4) with

**Correct Answer:** of

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

I settled \_\_\_\_\_ Canada last year.

**Options:**

- 1) at
- 2) in
- 3) off
- 4) on

**Correct Answer:** in

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

Abeyance

**Options:**

- 1) Commencement
- 2) Perjure
- 3) Condone
- 4) Suspension

**Correct Answer:** Suspension

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

Dauntless

**Options:**

- 1) Brave
- 2) Insane
- 3) Playful
- 4) Ugly

**Correct Answer:** Brave

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

Clandestine

**Options:**

- 1) Abrupt
- 2) Illicit
- 3) Open
- 4) Wary

**Correct Answer:** Open

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

Intrepid

**Options:**

- 1) Greed
- 2) Kind
- 3) Meek
- 4) Sigh

**Correct Answer:** Meek

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

To steal a march

**Options:**

- 1) To act in a foolish way
- 2) To break something
- 3) To outshine
- 4) To see a hidden meaning

**Correct Answer:** To outshine

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

In a jiffy

**Options:**

- 1) Fail to win appreciation
- 2) In an appropriate manner
- 3) Something that is done very quickly
- 4) To fall in love

**Correct Answer:** Something that is done very quickly

**QID : 86** - Improve the bracketed part of the sentence.

(After he arrived) from office, he goes to gym.

**Options:**

- 1) After he had being arriving
- 2) After he had arrived
- 3) After he arrives
- 4) No improvement

**Correct Answer:** After he arrives

**QID : 87** - Improve the bracketed part of the sentence.

When I first saw Ankit, he (was playing) cricket.

**Options:**

- 1) had played
- 2) had been playing
- 3) played
- 4) No improvement

**Correct Answer:** No improvement

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

Mania for travel

**Options:**

- 1) Dromomania
- 2) Hypomania
- 3) Megalomania
- 4) Nymphomania

**Correct Answer:** Dromomania

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

One who has suddenly gained new wealth, power or prestige

**Options:**

- 1) Egotist
- 2) Imposter
- 3) Parvenu
- 4) Scullery

**Correct Answer:** Parvenu

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

**Options:**

- 1) Acquiescence
- 2) Alienate
- 3) Belligerent
- 4) Sabbotage

**Correct Answer:** Sabbotage

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

**Options:**

- 1) Alluminium
- 2) Cemetery
- 3) Recommend
- 4) Satellite

**Correct Answer:** Alluminium

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

P: It isn't bragging about how great you are.

Q: It's not about thinking you're perfect because nobody is but knowing that you're worthy of being love and accepted.

R: Self esteem is how much you value yourself and how important you think you are.

S: It's how you see yourself and feel about your achievements.

**Options:**

1) SQRP

2) RQSP

3) RSPQ

4) SRQP

**Correct Answer:** RSPQ

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

P: Most of them are combinations of hydrogen and carbon in varying proportions.

Q: Crude mineral oil comes out of the earth as a thick brown or black liquid with a strong smell.

R: It is a complex mixture of many different substances, each with it's own individual qualities.

S: Such hydrocarbons are also found in other forms such as bitumen, asphalt and natural gas.

**Options:**

1) QPRS

2) PQRS

3) PQSR

4) QRPS

**Correct Answer:** QRPS

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

He shall have bought a car.

**Options:**

1) A car was being bought by him.

2) A car was bought by him.

3) A car will have been bought by him.

4) A car would have been bought by him.

**Correct Answer:** A car would have been bought by him.

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

The teacher said to the student, "Have you brought your lunch?"

**Options:**

1) The student was asked by the teacher about bringing his lunch.

2) The teacher asked the student if he would be bringing his lunch.

3) The teacher asked the student if he had brought his lunch.

4) The teacher asked the student if he has brought his lunch.

**Correct Answer:** The teacher asked the student if he had brought his lunch.

**QID : 96** - 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.

Children need to be taught the importance of hygiene early on so that it becomes a \_\_\_\_\_. Children are the most \_\_\_\_\_ to hygiene-related disorders like skin issues, rashes, infections, wounds, etc. Teach them early on about what to \_\_\_\_\_. Teach them that taking a few \_\_\_\_\_ measures to prevent infections and diseases is \_\_\_\_\_.

importance of hygiene early on so that it becomes a \_\_\_\_\_

**Options:**

- 1) kind
- 2) habit
- 3) regular
- 4) need

**Correct Answer:** habit

**QID : 97** - 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.

Children need to be taught the importance of hygiene early on so that it becomes a \_\_\_\_\_. Children are the most \_\_\_\_\_ to hygiene-related disorders like skin issues, rashes, infections, wounds, etc. Teach them early on about what to \_\_\_\_\_. Teach them that taking a few \_\_\_\_\_ measures to prevent infections and diseases is \_\_\_\_\_.

Children are the most \_\_\_\_\_ to hygiene-related disorders like skin issues, rashes,

**Options:**

- 1) innocent
- 2) responsible
- 3) pliable
- 4) susceptible

**Correct Answer:** susceptible

**QID : 98** - 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.

Children need to be taught the importance of hygiene early on so that it becomes a \_\_\_\_\_. Children are the most \_\_\_\_\_ to hygiene-related disorders like skin issues, rashes, infections, wounds, etc. Teach them early on about what to \_\_\_\_\_. Teach them that taking a few \_\_\_\_\_ measures to prevent infections and diseases is \_\_\_\_\_.

Teach them early on about what to \_\_\_\_\_.

**Options:**

- 1) avoid
- 2) read
- 3) right
- 4) learn

**Correct Answer:** avoid

**QID : 99** - 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.

Children need to be taught the importance of hygiene early on so that it becomes a \_\_\_\_\_. Children are the most \_\_\_\_\_ to hygiene-related disorders like skin issues, rashes, infections, wounds, etc. Teach them early on about what to \_\_\_\_\_. Teach them that taking a few \_\_\_\_\_ measures to prevent infections and diseases is \_\_\_\_\_.

Teach them that taking a few \_\_\_\_\_ measures

**Options:**

- 1) scientific
- 2) precautionary
- 3) unimportant
- 4) insignificant

**Correct Answer:** precautionary

**QID : 100** - 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.

Children need to be taught the importance of hygiene early on so that it becomes a \_\_\_\_\_. Children are the most \_\_\_\_\_ to hygiene-related disorders like skin issues, rashes, infections, wounds, etc. Teach them early on about what to \_\_\_\_\_. Teach them that taking a few \_\_\_\_\_ measures to prevent infections and diseases is \_\_\_\_\_.

to prevent infections and diseases is \_\_\_\_\_.

**Options:**

- 1) optional
- 2) secondary
- 3) voluntary
- 4) imperative

**Correct Answer:** imperative

PACE ACADEMY