

# SSC CGL 2017 EXAM PAPER : Held on 09-AUG-2017 Shift-1

## (Reasoning)

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

Kilometre : Metre :: Tonne : ?

**Options:**

- 1) Litre
- 2) Kilogram
- 3) Hours
- 4) Weight

**Correct Answer:** Kilogram

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

AGN : IOV :: BLM : ?

**Options:**

- 1) JTV
- 2) KTU
- 3) JUV
- 4) TUJ

**Correct Answer:** JTV

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

9143 : 9963 :: 6731 : ?

**Options:**

- 1) 1368
- 2) 5666
- 3) 8964
- 4) 9694

**Correct Answer:** 8964

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

**Options:**

- 1) Chennai
- 2) Daman
- 3) Raipur
- 4) Shimla

**Correct Answer:** Daman

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

**Options:**

- 1) B
- 2) N

3) P

4) W

**Correct Answer: W**

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

**Options:**

1) 313

2) 426

3) 925

4) 1034

**Correct Answer: 313**

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

1. Ball

2. Balanced

3. Balls

4. Balance

5. Balancing

**Options:**

1) 24135

2) 42135

3) 42513

4) 54213

**Correct Answer: 42513**

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

AG, LR, WC, HN, ?

**Options:**

1) QY

2) RX

3) SY

4) TZ

**Correct Answer: SY**

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

13, 16, 11, 18, 9, 20, ?

**Options:**

1) 3

2) 5

3) 6

4) 7

**Correct Answer:** 7

**QID : 10** - Punit said to a lady, "The sister of your father's wife is my aunt". How is the lady related to Punit?

**Options:**

- 1) Daughter
- 2) Grand Daughter
- 3) Niece
- 4) Cousin sister

**Correct Answer:** Cousin sister

**QID : 11** - There are 45 trees in a row. The lemon tree is 20th from right end. What is the rank of lemon tree from left end?

**Options:**

- 1) 26
- 2) 24
- 3) 25
- 4) 27

**Correct Answer:** 26

**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.

UNIFORMITY

**Options:**

- 1) ANNUITY
- 2) FORUM
- 3) MINT
- 4) UNIFORM

**Correct Answer:** ANNUITY

**QID : 13** - In a certain code language, "TIRED" is written as "56" and "BRAIN" is written as "44". How is "LAZY" written in that code language?

**Options:**

- 1) 64
- 2) 61
- 3) 58
- 4) 43

**Correct Answer:** 64

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

$18 ? 6 ? 9 ? 27$

**Options:**

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

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

**QID : 15** - If 18 (9) 3 and 36 (30) 5, then what is the value of A in 19 (A) 18?

**Options:**

- 1) 33
- 2) 57
- 3) 75
- 4) 96

**Correct Answer:** 57

**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।

1512	504
?	168

**Options:**

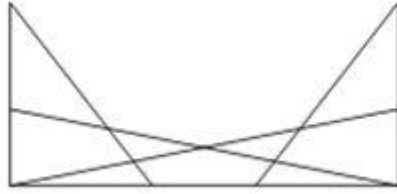
- 1) 53
- 2) 56
- 3) 59
- 4) 66

**Correct Answer:** 56

**QID : 17** -

How many triangles are there in the given figure?

नीचे दी गई आकृति में कितने त्रिभुज हैं?



**Options:**

- 1) 14
- 2) 15
- 3) 17
- 4) 18

**Correct Answer:** 17

**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. Some pens are pencils.
- II. All pencils are erasers.

**Conclusions:**

- I. Some pencils are not pens.
- II. Some erasers are not pens.

**Options:**

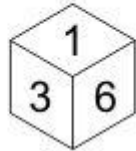
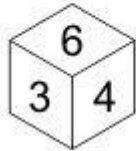
- 1) Only conclusion (I) follows.
- 2) Only conclusion (II) follows.
- 3) Neither conclusion (I) nor conclusion (II) follows.
- 4) Both conclusions follow.

**Correct Answer:** Neither conclusion (I) nor conclusion (II) follows.

**QID : 19** -

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

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



**Options:**

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

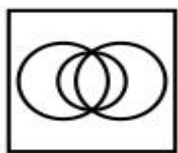
**Correct Answer: 1**

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

Music Instrument, Piano, Guitar

**Options:**

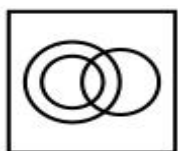
1)



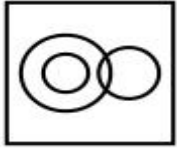
2)



3)



4)

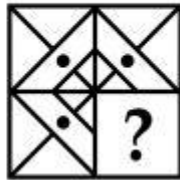


Correct Answer:

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)



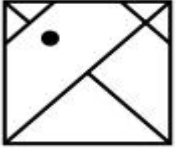
2)



3)



4)

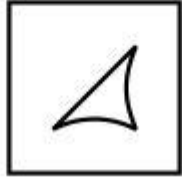


Correct Answer:

QID : 22 -

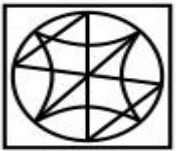
From the given answer figures, select the one in which the question figure is hidden/embedded.

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

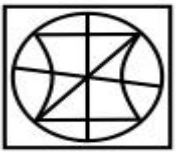


Options:

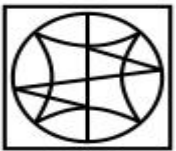
1)



2)



3)



4)



Correct Answer:



QID : 23 -

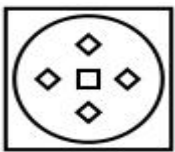
A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

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

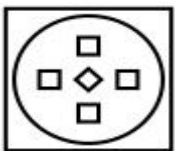


Options:

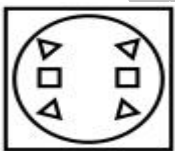
1)



2)



3)



4)

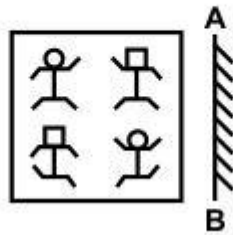


Correct Answer:

QID : 24 -

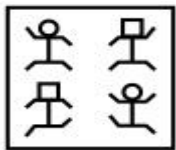
If a mirror is placed on the line AB, then which of the answer figure is the right image of the given figure?

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?

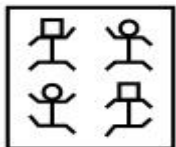


Options:

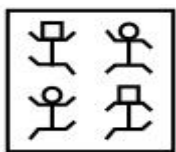
1)



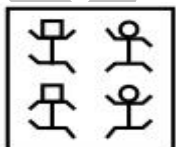
2)



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, 'K' can be represented by **10, 31**, etc., and 'M' can be represented by **76, 87**, etc. Similarly, you have to identify the set for the word "**SCAM**".

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 'K' को **10, 31**, आदि द्वारा दर्शाया जा सकता है तथा 'M' को **76, 87**, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए गए शब्द "**SCAM**" के लिए समूह को पहचानना है।

**Matrix-I**

**आव्यूह-I**

	0	1	2	3	4
0	S	P	K	N	C
1	K	S	C	P	N
2	P	C	N	S	K
3	N	K	S	C	P
4	C	N	P	K	S

**Matrix-II**

**आव्यूह-II**

	5	6	7	8	9
5	I	R	A	J	M
6	A	J	I	M	R
7	J	M	R	A	I
8	R	A	M	I	J
9	M	I	J	R	A

**Options:**

- 1) 00, 13, 57, 76
- 2) 11, 04, 86, 59
- 3) 23, 22, 99, 95
- 4) 32, 40, 66, 68

**Correct Answer:** 11, 04, 86, 59

**(General Awareness)**

**QID : 26** - Who gave the 'General Equilibrium Theory'?

**Options:**

- 1) J. M. Keynes

- 2) Leon Walras
  - 3) David Ricardo
  - 4) Adam Smith
- Correct Answer:** Leon Walras

**QID : 27** - Which of the following is not true about a Demand Draft?

**Options:**

- 1) It is a negotiable instrument.
- 2) It is a banker's cheque.
- 3) It may be dishonoured for lack of funds.
- 4) It is issued by a bank.

**Correct Answer:** It may be dishonoured for lack of funds.

**QID : 28** - Who administers the oath of the President of India?

**Options:**

- 1) Governor General of India
- 2) Chief Justice of India
- 3) Prime Minister of India
- 4) Vice President of India

**Correct Answer:** Chief Justice of India

**QID : 29** - Who among the following gave monistic theory of sovereignty?

**Options:**

- 1) Austin
- 2) Darwin
- 3) Aristotle
- 4) Marx

**Correct Answer:** Austin

**QID : 30** - Which one is the correct chronological order of the following events?

- I. Quit India Movement
- II. Shimla Conference
- III. Poona Pact
- IV. Cabinet Mission

**Options:**

- 1) II, IV, I, III
- 2) III, IV, II, I
- 3) III, I, II, IV
- 4) IV, II, III, I

**Correct Answer:** III, I, II, IV

**QID : 31** - In 1917, which movement was launched by Mahatma Gandhi from Champaran?

**Options:**

- 1) Satyagraha
- 2) Non co-operation movement

3) Quit India movement

4) Swadeshi Movement

**Correct Answer:** Satyagraha

**QID : 32** - What is the name of the tropical cyclones in the China Sea?

**Options:**

1) Hurricanes

2) Tornado

3) Twister

4) Typhoon

**Correct Answer:** Typhoon

**QID : 33** - Which among the following country is not a part of Scandinavia?

**Options:**

1) Norway

2) Finland

3) Sweden

4) Denmark

**Correct Answer:** Finland

**QID : 34** - Cattle quickly swallow grass and store it in their \_\_\_\_\_.

**Options:**

1) rumen

2) esophagus

3) small intestine

4) salivary glands

**Correct Answer:** rumen

**QID : 35** - Which of the following carries oxygen to various parts of human body?

**Options:**

1) Red blood cells

2) White blood cells

3) Plasma

4) Nerves

**Correct Answer:** Red blood cells

**QID : 36** - Which of the following function is performed by the kidneys in the human body?

**Options:**

1) Excretion

2) Respiration

3) Digestion

4) Transportation

**Correct Answer:** Excretion

**QID : 37** - The bending of light when it passes around a corner or a slit is due to \_\_\_\_\_.

**Options:**

1) reflection

- 2) refraction
  - 3) diffraction
  - 4) total internal reflection
- Correct Answer:** diffraction

**QID : 38** - What is the reason for formation of Mirage in desert?

**Options:**

- 1) Refraction of light
- 2) Reflection of light
- 3) Total internal reflection of light
- 4) Both Refraction and Total internal reflection of light

**Correct Answer:** Both Refraction and Total internal reflection of light

**QID : 39** - FORTRAN is not used for \_\_\_\_\_.

- (I) Drawing pictures
- (II) Carrying out mathematics computations

**Options:**

- 1) Only (I)
- 2) Only (II)
- 3) Both (I) and (II)
- 4) Neither (I) nor (II)

**Correct Answer:** Both (I) and (II)

**QID : 40** - Which of the following bonds are weakest in nature?

**Options:**

- 1) Single bond
- 2) Double bond
- 3) Triple bond
- 4) Hydrogen bond

**Correct Answer:** Hydrogen bond

**QID : 41** - In the following reaction, fill in the blank.

Acid + Base → \_\_\_\_\_ + Water

**Options:**

- 1) Carbon dioxide
- 2) Metal Oxide
- 3) Hydrogen Gas
- 4) Salt

**Correct Answer:** Salt

**QID : 42** - Bishnoi movement was started against which of the following?

**Options:**

- 1) Cutting of Trees
- 2) Inequality of Women
- 3) Killing of Animals
- 4) Increasing Pollution

**Correct Answer:** Cutting of Trees

**QID : 43** - What is the major aim of Pradhan Mantri Ujjwala Yojana?

**Options:**

- 1) To provide electricity
- 2) To provide LED bulbs
- 3) To provide LPG connections
- 4) To construct village roads

**Correct Answer:** To provide LPG connections

**QID : 44** - Who discovered television?

**Options:**

- 1) Michael Faraday
- 2) Joseph Henry
- 3) Abbe Caselli
- 4) John Baird

**Correct Answer:** John Baird

**QID : 45** - How many players are there in a team of Volleyball?

**Options:**

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

**Correct Answer:** 6

**QID : 46** -

Match the following.

निम्नलिखित का मिलान कीजिए।

**Temple / मंदिर**

1. Lingaraja Temple, Orissa  
लिंगराज मंदिर, उड़ीसा
2. Tijara Mandir, Rajasthan  
तिजारा मंदिर, राजस्थान
3. Venketeswara Temple,  
Tirupati  
वेंकटेश्वर मंदिर, तिरुपति

**Lord / भगवान**

- a. Lord Mahavira  
भगवान महावीर
- b. Lord Vishnu  
भगवान विष्णु
- c. Lord Shiva  
भगवान शिव

**Options:**

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

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

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

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

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

**QID : 47** - Who among the following has been recently awarded with 'Indian of the year' award?

**Options:**

1) Sunita Rani

2) Dhiraj Singh

3) Preety Shenoy

4) Abhishek Kumar

**Correct Answer:** Preety Shenoy

**QID : 48** - Who is the author of the book titled 'Selection Day'?

**Options:**

1) Aravind Adiga

2) Anil Menon

3) Krishna Sobti

4) Arunava Sinha

**Correct Answer:** Aravind Adiga

**QID : 49** - Which of the following country is not a member of BRICS association?

**Options:**

1) Brazil

2) Russia

3) Iceland

4) China

**Correct Answer:** Iceland

**QID : 50** - With which of its neighbouring country India has Kalapani territorial dispute?

**Options:**

1) Nepal

2) Bangladesh

3) Pakistan

4) Sri Lanka

**Correct Answer:** Nepal

**(Mathematics)**

**QID : 51** -



Which value among  $\sqrt[3]{5}$ ,  $\sqrt[4]{6}$ ,  $\sqrt[6]{12}$ ,  $\sqrt[12]{276}$  is the largest?

$\sqrt[3]{5}$ ,  $\sqrt[4]{6}$ ,  $\sqrt[6]{12}$ ,  $\sqrt[12]{276}$  में से सबसे बड़ी संख्या कौन सी है?

**Options:**

1)

$$\sqrt[3]{5}$$

2)

$$\sqrt[4]{6}$$

3)

$$\sqrt[6]{12}$$

4)

$$\sqrt[6]{12}$$

Correct Answer:

**QID : 52** - A piece of work was finished by A, B and C together. A and B together finished 60% of the work and B and C together finished 70% of the work. Who among the three is most efficient?

**Options:**

1) A

2) B

3) C

4) A or B

**Correct Answer:** C

**QID : 53** - Three solid spheres of radius 3 cm, 4 cm and 5 cm are melted and recasted into a solid sphere. What will be the percentage decrease in the surface area?

**Options:**

1) 12

2) 14

3) 16

4) 28

**Correct Answer:** 28

**QID : 54** - The marked price of a sofa set is Rs 4800 which is sold at Rs 3672 at two successive discounts. If the first discount is 10%, then what will be the second discount (in %)?

**Options:**

1) 13

- 2) 14
- 3) 15
- 4) 17

**Correct Answer:** 15

**QID : 55** - A, B and C invested amounts in the ratio 3 : 4 : 5 respectively. If the schemes offered compound interest at the rate of 20% per annum, 15% per annum and 10% per annum respectively, then what will be the ratio of their amounts after 1 year?

**Options:**

- 1) 3 : 15 : 25
- 2) 6 : 6 : 5
- 3) 36 : 46 : 55
- 4) 12 : 23 : 11

**Correct Answer:** 36 : 46 : 55

**QID : 56** - The average age of 120 members of a society is 60.7 years. By addition of 30 new members, the average age becomes 56.3 years. What is the average age (in years) of newly joined members?

**Options:**

- 1) 36.5
- 2) 37.2
- 3) 38.3
- 4) 38.7

**Correct Answer:** 38.7

**QID : 57** - By selling 175 pineapples, the gain is equal to the selling price of 50 pineapples. What is the gain percentage?

**Options:**

- 1) 28
- 2) 30
- 3) 32
- 4) 40

**Correct Answer:** 40

**QID : 58** - If A has got 20% more marks than B, then by what percent marks of B are less than the marks of A?

**Options:**

- 1) 16.66
- 2) 20
- 3) 33.33
- 4) 14.28

**Correct Answer:** 16.66

**QID : 59** - A train leaves Delhi at 10 a.m. and reaches Jaipur at 4 p.m. on same day. Another train leaves Jaipur at 12 p.m. and reaches Delhi at 5 p.m. on same day. What is the time of day (approximately) when the two trains will meet?

**Options:**

- 1) 1:42 p.m.
- 2) 1:27 p.m.
- 3) 2:04 p.m.
- 4) 1:49 p.m.

**Correct Answer:** 1:49 p.m.

**QID : 60** - The difference between the compound interest compounding half yearly for 1 year and the simple interest for 1 year on a certain sum of money lent out at 8% per annum is Rs 64. What is the sum (in Rs)?

**Options:**

- 1) 40000
- 2) 42000
- 3) 44000
- 4) 44800

**Correct Answer:** 40000

**QID : 61** - If  $(x - 2)$  and  $(x + 3)$  are the factors of the equation  $x^2 + k_1x + k_2 = 0$ , then what are the values of  $k_1$  and  $k_2$ ?

**Options:**

- 1)  $k_1 = 6, k_2 = -1$
- 2)  $k_1 = 1, k_2 = -6$
- 3)  $k_1 = 1, k_2 = 6$
- 4)  $k_1 = -6, k_2 = 1$

**Correct Answer:**  $k_1 = 1, k_2 = -6$

**QID : 62** - If  $(x - y) = 7$ , then what is the value of  $(x - 15)^3 - (y - 8)^3$ ?

**Options:**

- 1) 0
- 2) 343
- 3) 392
- 4) 2863

**Correct Answer:** 0

**QID : 63** - If  $x - y - \sqrt{18} = -1$  and  $x + y - 3\sqrt{2} = 1$ , then what is the value of  $12xy(x^2 - y^2)$ ?

**Options:**

- 1) 0
- 2) 1
- 3)  $512\sqrt{2}$
- 4)  $612\sqrt{2}$

**Correct Answer:**  $612\sqrt{2}$

**QID : 64** - If  $p/q = r/s = t/u = \sqrt{5}$ , then what is the value of  $[(3p^2 + 4r^2 + 5t^2)/(3q^2 + 4s^2 + 5u^2)]$ ?

**Options:**

- 1)  $1/5$
- 2) 5
- 3) 25
- 4) 60

**Correct Answer: 5**

**QID : 65** - In triangle ABC, a line is drawn from the vertex A to a point D on BC. If  $BC = 9$  cm and  $DC = 3$  cm, then what is the ratio of the areas of triangle ABD and triangle ADC respectively?

**Options:**

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

**Correct Answer: 2 : 1**

**QID : 66** - PQR is a right angled triangle in which  $\angle R = 90^\circ$ . If  $RS \perp PQ$ ,  $PR = 3$  cm and  $RQ = 4$  cm, then what is the value of RS (in cm)?

**Options:**

- 1)  $12/5$
- 2)  $36/5$
- 3) 5
- 4) 2.5

**Correct Answer:  $12/5$**

**QID : 67** - In triangle PQR, A is the point of intersection of all the altitudes and B is the point of intersection of all the angle bisectors of the triangle. If  $\angle PBR = 105^\circ$ , then what is the value of  $\angle PAR$  (in degrees)?

**Options:**

- 1) 60
- 2) 100
- 3) 105
- 4) 115

**Correct Answer: 60**

**QID : 68** - If there are four lines in a plane, then what cannot be the number of points of intersection of these lines?

**Options:**

- 1) 0
- 2) 5
- 3) 4
- 4) 7

**Correct Answer: 7**

**QID : 69** - What is the simplified value of  $\operatorname{cosec} 2A + \cot 2A$ ?

**Options:**

- 1)  $\sec A$
- 2)  $\sec (A/2)$

3)  $\cot A$

4)  $\cot^2 A$

**Correct Answer:**  $\cot A$

**QID : 70** - If  $A = 30^\circ$ ,  $B = 60^\circ$  and  $C = 135^\circ$ , then what is the value of  $\sin^3 A + \cos^3 B + \tan^3 C - 3 \sin A \cos B \tan C$ ?

**Options:**

1) 0

2) 1

3) 8

4) 9

**Correct Answer:** 0

**QID : 71** - What is the least value of  $\tan^2 \theta + \cot^2 \theta + \sin^2 \theta + \cos^2 \theta + \sec^2 \theta + \operatorname{cosec}^2 \theta$ ?

**Options:**

1) 1

2) 3

3) 5

4) 7

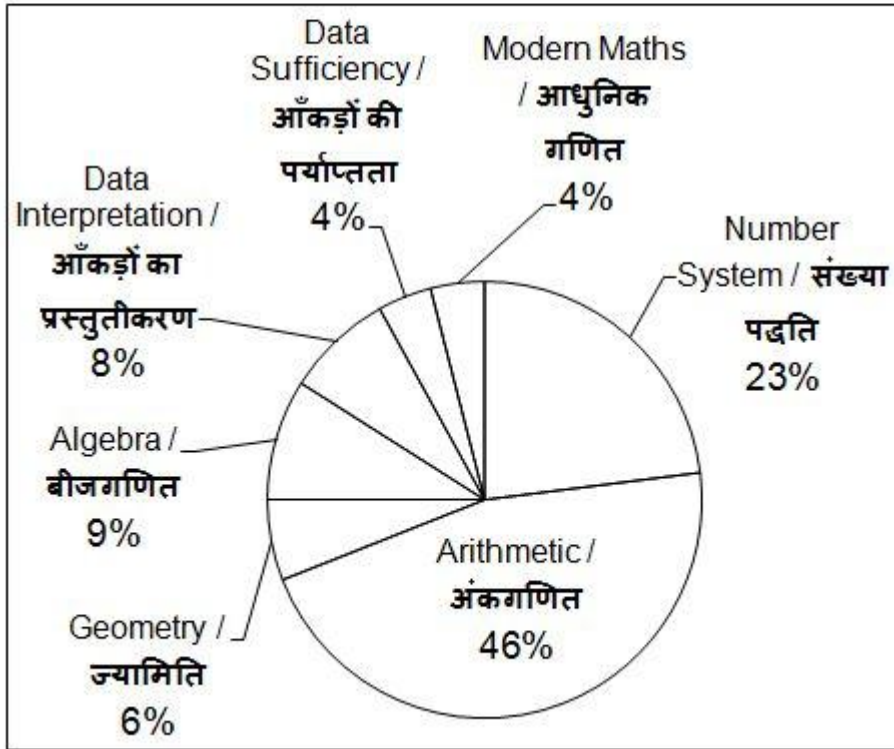
**Correct Answer:** 7

**QID : 72** -

PACE ACADEMY

The pie chart given below shows the break-up of number of hours of teaching various subjects at an institute by Mr. Raghav.

नीचे दिए गए वृत्त चित्र में श्री राघव द्वारा किसी संस्थान में विभिन्न विषयों को पढ़ाने के घंटों की संख्याओं के वर्गीकरण को दर्शाया गया है।



If Mr. Raghav taught a total of 500 hours, then what is the difference in number of hours of teaching algebra and modern Maths?

**Options:**

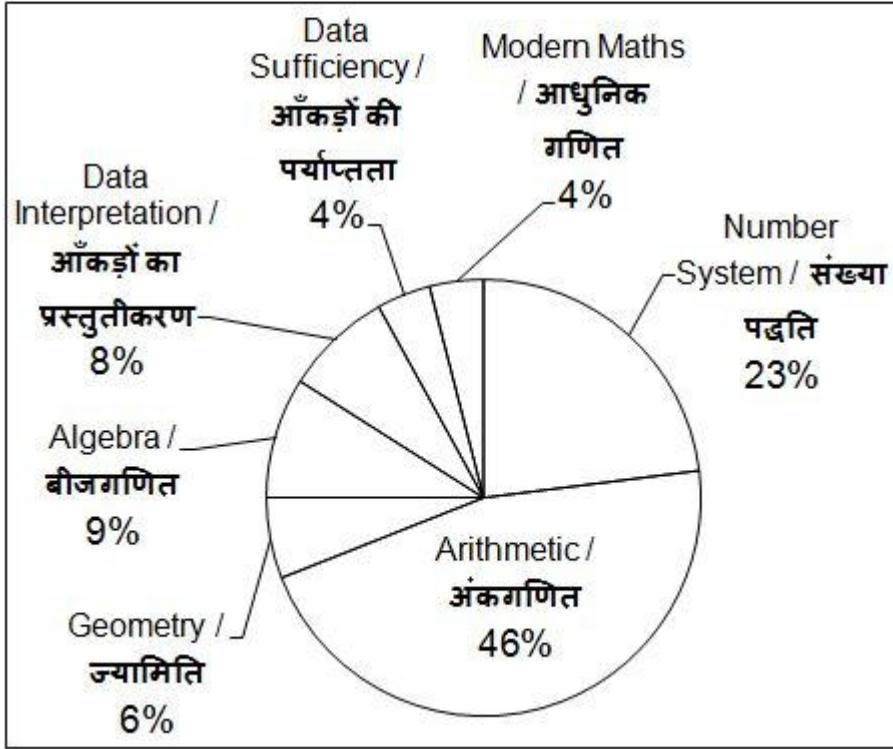
- 1) 15
- 2) 20
- 3) 25
- 4) 40

**Correct Answer: 25**

**QID : 73 -**

The pie chart given below shows the break-up of number of hours of teaching various subjects at an institute by Mr. Raghav.

नीचे दिए गए वृत्त चित्र में श्री राघव द्वारा किसी संस्थान में विभिन्न विषयों को पढ़ाने के घंटों की संख्याओं के वर्गीकरण को दर्शाया गया है।



Mr. Raghav taught Geometry for 36 hours. If the time taken in teaching Ratio constitutes one-fourth of the time for Arithmetic, then for how much time (in hours) did he taught the topic of Ratio?

**Options:**

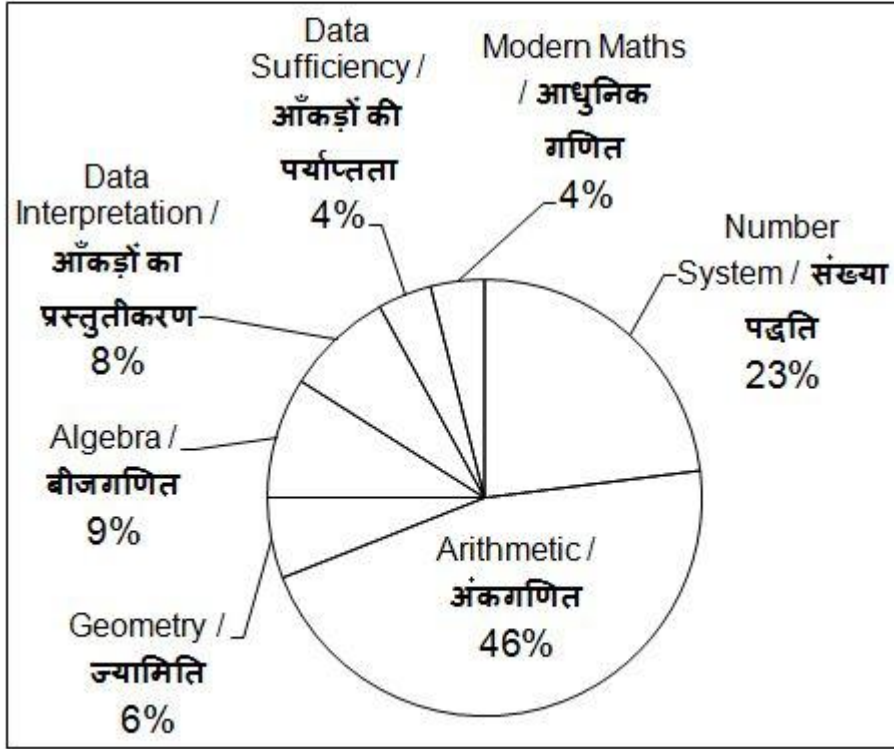
- 1) 46
- 2) 51.75
- 3) 69
- 4) 103.5

**Correct Answer:** 69

**QID :** 74 -

The pie chart given below shows the break-up of number of hours of teaching various subjects at an institute by Mr. Raghav.

नीचे दिए गए वृत्त चित्र में श्री राघव द्वारा किसी संस्थान में विभिन्न विषयों को पढ़ाने के घंटों की संख्याओं के वर्गीकरण को दर्शाया गया है।



If Data Interpretation and Modern Maths were taught for a combined time of 96 hours, then for how much time (in hours) were Number system and Geometry taught?

**Options:**

1) 136

2) 184

3) 216

4) 232

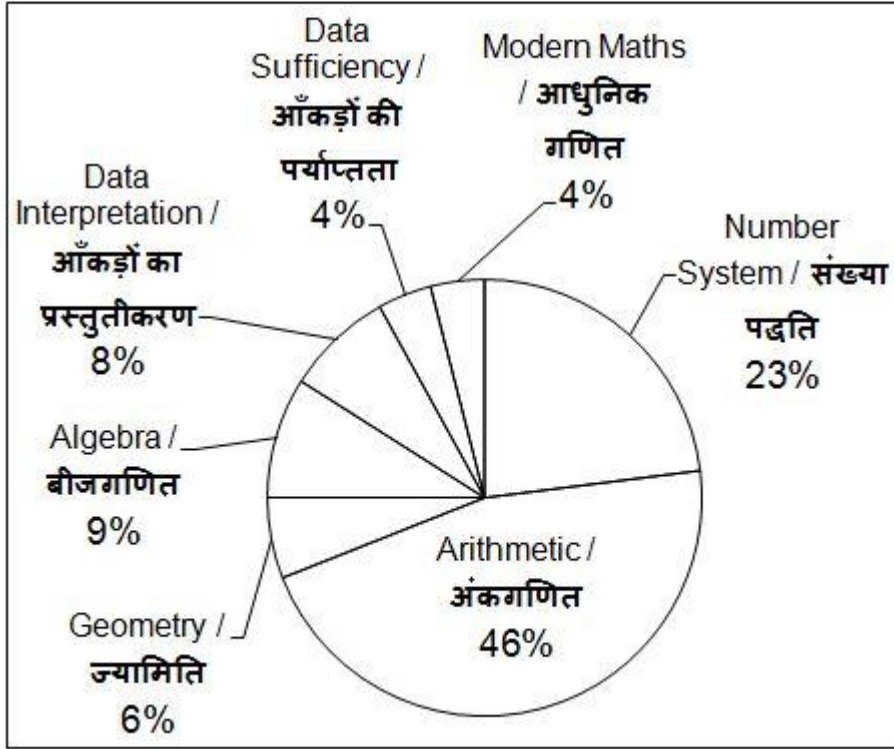
**Correct Answer:** 232

**QID :** 75 -



The pie chart given below shows the break-up of number of hours of teaching various subjects at an institute by Mr. Raghav.

नीचे दिए गए वृत्त चित्र में श्री राघव द्वारा किसी संस्थान में विभिन्न विषयों को पढ़ाने के घंटों की संख्याओं के वर्गीकरण को दर्शाया गया है।



A new topic named Problem Solving was also introduced and it was decided that 10% time of all topics except Arithmetic will be devoted to it. What will be the central angle (in degrees) made by Problem Solving in the new pie chart?

**Options:**

- 1) 17.28
- 2) 18
- 3) 19.44
- 4) 36

**Correct Answer:** 19.44

### (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 you had (1)/ told me earlier (2)/ I will help you. (3)/ No Error (4)

**Options:**

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

**Correct Answer:** 3

**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'.

Her mother is (1)/ angry and (2)/ indifferent to me. (3)/ No Error (4)

**Options:**

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

**Correct Answer:** 2

**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.

Don't loiter \_\_\_\_\_ the corridor.

**Options:**

- 1) around
- 2) off
- 3) of
- 4) at

**Correct Answer:** around

**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 will scold him when \_\_\_\_\_.

**Options:**

- 1) he will come
- 2) he comes
- 3) he would come
- 4) he had come.

**Correct Answer:** he comes

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

Mellifluous

**Options:**

- 1) Shiver
- 2) Frank
- 3) Immoral
- 4) Dulcet

**Correct Answer:** Dulcet

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

Dodge

**Options:**

- 1) Soften
- 2) Order
- 3) Avoid
- 4) Chaotic

**Correct Answer:** Avoid

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

Meretricious

**Options:**

- 1) Brazen
- 2) Natural
- 3) Exemplary
- 4) Gaudy

**Correct Answer:** Natural

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

Nebulous

**Options:**

- 1) Definite
- 2) Inchoate
- 3) Dismal
- 4) Sullen

**Correct Answer:** Definite

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

Spick and Span

**Options:**

- 1) High and low
- 2) Dark and light
- 3) Neat and clean
- 4) Happy and sad

**Correct Answer:** Neat and clean

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

To draw the longbow

**Options:**

- 1) To nullify
- 2) To exaggerate
- 3) To underrate
- 4) To demarcate

**Correct Answer:** To exaggerate

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

By rescuing the child from fire, the local resident (added another feather to his cap.)

**Options:**

- 1) made a significant achievement
- 2) was gifted with precious thing
- 3) was crowned and rewarded
- 4) No improvement

**Correct Answer:** made a significant achievement

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

The government plans to (take up) the construction project soon.

**Options:**

- 1) Take on
- 2) Take off
- 3) Take in
- 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.

A man devoid of kind feeling and sympathy.

**Options:**

- 1) Callous
- 2) Credulous
- 3) Gullible
- 4) Bohemian

**Correct Answer:** Callous

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

One who eats too much

**Options:**

- 1) Impostor
- 2) Glutton
- 3) Hypochondriac
- 4) Intestate

**Correct Answer:** Glutton

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

**Options:**

- 1) Forfeit
- 2) Gorilla
- 3) Blissfull
- 4) Corrupt

**Correct Answer:** Blissfull

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

**Options:**

- 1) Afforestation
- 2) Translucent
- 3) Foreigner
- 4) Achievement

**Correct Answer:** Translucent

**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- The aim must be to ensure that our country does not experience either paucity or a-surfeit of trained manpower in any specific segment of our economy.

Q- When we set about the task of higher education, we should be absolutely clear in our perception of the goals of education in the specific context of our nation's development.

R- No doubt, one of the important aims of education would be to create the required range and nature of trained manpower assessed to be needed by different sectors of national growth.

S- The entire educational apparatus must be geared progressively to fulfill the requirements of different phases of our growth in every sector primary, secondary and tertiary.

**Options:**

- 1) SQPR
- 2) QRSP
- 3) SRQP
- 4) PSQR

**Correct Answer:** QRSP

**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- Bureaucratic cultures can smother those who want to respond to shifting conditions.

Q- Arrogant managers can overevaluate their current performance and competitive position listen poorly and learn slowly.

R- And the lack of leadership leaves no force inside these organizations to break out of the morass.

S- Inwardly focused employees can have difficulty seeing the very forces that present threats and opportunities.

**Options:**

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

**Correct Answer:** QSPR

**QID : 94** - 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.

She teaches us English.

**Options:**

- 1) English is being taught to us by her.
- 2) We are taught English by her.
- 3) English have been taught to us by her.
- 4) We had been taught English by her.

**Correct Answer:** We are taught English by her.

**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.

Nisha said to Swati, " Will you help me in my project just now?"

**Options:**

- 1) Nisha told Swati whether she will help her in her project just now.
- 2) Nisha asked Swati if she would help her in her project just then.
- 3) Nisha questioned to Swati that will you help me in my project just now.
- 4) Nisha asked to Swati that will she help her in her work just now.

**Correct Answer:** Nisha asked Swati if she would help her in her project just then.

**QID : 96** - 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.

Democracy should \_\_\_\_\_ dignity of the individual. It should also aim at the \_\_\_\_\_ good of the greatest \_\_\_\_\_. The opposition party should \_\_\_\_\_ the wrong plans, policies and decisions of the government in power. The government should cater to the \_\_\_\_\_ needs of the people to make its position solid.

Democracy should \_\_\_\_\_ dignity of the individual.

**Options:**

- 1) built
- 2) ensure
- 3) keep
- 4) support

**Correct Answer:** ensure

**QID : 97** - 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.

Democracy should \_\_\_\_\_ dignity of the individual. It should also aim at the \_\_\_\_\_ good of the greatest \_\_\_\_\_. The opposition party should \_\_\_\_\_ the wrong plans, policies and decisions of the government in power. The government should cater to the \_\_\_\_\_ needs of the people to make its position solid.

It should also aim at the \_\_\_\_\_ good

**Options:**

- 1) greatest
- 2) smallest
- 3) largest
- 4) heaviest

**Correct Answer:** greatest

**QID : 98** - 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.

Democracy should \_\_\_\_\_ dignity of the individual. It should also aim at the \_\_\_\_\_ good of the greatest \_\_\_\_\_. The opposition party should \_\_\_\_\_ the wrong plans, policies and decisions of the government in power. The government should cater to the \_\_\_\_\_ needs of the people to make its position solid.

of the greatest \_\_\_\_\_. The opposition party

**Options:**

- 1) people
- 2) digit

- 3) number
- 4) individual

**Correct Answer:** number

**QID : 99** - 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.

Democracy should \_\_\_\_\_ dignity of the individual. It should also aim at the \_\_\_\_\_ good of the greatest \_\_\_\_\_. The opposition party should \_\_\_\_\_ the wrong plans, policies and decisions of the government in power. The government should cater to the \_\_\_\_\_ needs of the people to make its position solid.

should \_\_\_\_\_ the wrong plans, policies and decisions of the government in power.

**Options:**

- 1) rely on
- 2) against
- 3) support
- 4) oppose

**Correct Answer:** oppose

**QID : 100** - 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.

Democracy should \_\_\_\_\_ dignity of the individual. It should also aim at the \_\_\_\_\_ good of the greatest \_\_\_\_\_. The opposition party should \_\_\_\_\_ the wrong plans, policies and decisions of the government in power. The government should cater to the \_\_\_\_\_ needs of the people to make its position solid.

The government should cater to the \_\_\_\_\_ needs of the people to make its position solid.

**Options:**

- 1) genuine
- 2) mere
- 3) emotional
- 4) luxurious

**Correct Answer:** genuine