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# Reasoning

## Instructions

For the following questions answer them individually

### Question 1

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.

Figure

- A Figure 1
- B Figure 2
- C Figure 3
- D Figure 4

Answer: B

### Question 2

Select the correct option that will fill in the blank and complete the series.

FAV, HET, KIQ, .....

- A RHS
- B OMM
- C DFB
- D ONM

Answer: B

### Question 3

Choose the option figure in which the problem figure is hidden/embedded.

Figure

- A Figure 1
- B Figure 2
- C Figure 3
- D Figure 4

Answer: C

### Question 4

Select the correct option that will fill in the blank and complete the series.

173, 182, 198, 223, 259, .....

- A 301
- B 308

C 315

D 282

Answer: B

#### Question 5

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements:

All tents are houses.

All houses are bricks.

All bricks are stones.

Conclusions:

I. All bricks are houses.

II. Some stones are tents.

A Only conclusion II follows

B Only conclusion I follows

C Neither I nor II follows

D Either I or II follows

Answer: A

#### Question 6

The heights of A and B are equal. C is shorter than A; D is shorter than E, but taller than B. Who is the tallest of all?

A B

B C

C D

D E

Answer: D

#### Question 7

Find the missing number in the given analogy.

16 : 240 :: ? : 182

A 18

B 14

C 13

D 12

Answer: B

**Question 8**

Select the option that is related to the third term in the same way as the second term is related to the first term.

**Both : NotT :: FotL : ?**

- A RotD
- B RotT
- C RotX
- D AotH

**Answer: C**

**Question 9**

**Latek**

- A 570
- B 630
- C 580
- D 510

**Answer: C**

**Question 10**

Select the correct option that will fill in the blank and complete the series.

**471, 479, 452, 516, 391, .....**

- A 508
- B 627
- C 616
- D 607

**Answer: D**

**Question 11**

Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.

- A Proteins
- B Drink
- C Carbohydrates

**D** Fats

**Answer:** B

**Question 12**

Four letter clusters have been given, out of which three are alike in some manner, while one is different. Choose the odd one.

**A** KAR

**B** UFA

**C** IVO

**D** ACE

**Answer:** A

**Question 13**

Choose the option which completes the given figure series.

**Figure**

**A** Figure 1

**B** Figure 2

**C** Figure 3

**D** Figure 4

**Answer:** B

**Question 14**

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

**Statements:**

1. All keys are locks.
2. All locks are screws.
3. All doors are keys.

**Conclusions:**

- I. All screws are keys.
- II. Some locks are keys.

**A** Only conclusion II follows

**B** Either conclusion I or II follows

**C** Neither conclusion I nor II follows

**D** Only conclusion I follows

**Answer:** A

**Question 15**

If IECGF is written as 95376 and CAHJ as 31810, how will QGMVJ be written?

- A 177132209
- B 177132208
- C 177122910
- D 177132210

**Answer:** D

**Question 16**

**K, L, M, N, O, P and Q are sitting along a circular table facing the centre.**

**(i) L sits between N and O.**

**(ii) K is third to the left of O.**

**(iii) Q is second to the left of M, who is to the immediate left of P.**

**Which is the correct position of L with respect of Q?**

- A Second to the right
- B First to the left
- C First to the right
- D Second to the left

**Answer:** D

**Question 17**

**Find the missing number from the below options.**

**Figure**

- A 49
- B 81
- C 16
- D 36

**Answer:** A

**Question 18**

**Which of the following answer figure will complete the given figure?**

**Figure**

- A Figure 1
- B Figure 2
- C Figure 3
- D Figure 4

**Answer:** C

**Question 19**

Four options have been given out of which three are alike in some manner, while one is different. Choose the odd one.

- A 446
- B 824
- C 259
- D 617

**Answer:** C

**Question 20**

A, B, C, D, E and F are sitting along the circle facing the centre.

(i) B is an immediate neighbour of D.

(ii) C is an immediate neighbour of A but is not an immediate neighbour of F.

(iii) A is to the immediate left of B.

What is the position of E?

- A To the immediate left of B
- B Between A and B
- C To the immediate right of C
- D Second to the right of D

**Answer:** D

**Question 21**

Select the related word pair from the given alternatives.

Glue : Paper :: ..... : .....

- A Notebook : Colour
- B Test : Notice board
- C Cement: brick Test
- D Paper : Wrapper

**Answer:** C

**Question 22**

Select the Venn diagram that best illustrates the relationship between the three given classes.

**Pens, Pencils, Books**

- A Figure 1
- B Figure 2
- C Figure 3

**D** Figure 4

**Answer:** C

**Question 23**

In a certain code, SEVEN is coded as TFWFO, then how is NINE coded in the same way?

**A** OJOF

**B** OFJO

**C** OJFO

**D** OOJF

**Answer:** A

**Question 24**

Choose the option that most closely resembles the mirror image of the given figure when mirror is placed at right side.

**Figure**

**A** Figure 1

**B** Figure 2

**C** Figure 3

**D** Figure 4

**Answer:** D

**Question 25**

Select the related word pair from the given alternatives.

**Pond : Lake :: ..... : .....**

**A** Hill : Mountain

**B** Church : Religion

**C** Stethoscope : Machine

**D** Gold : Ornament

**Answer:** A

## General knowledge

**Instructions**

For the following questions answer them individually

**Question 26**

Which of the following rivers does NOT flow into the Arabian sea?



- A Narmada
- B Sabarmati
- C Tungabhadra
- D Mandovi

**Answer: C**

**Question 27**

**Which bacteria is responsible for the formation of curd?**

- A Bacillus radicola
- B Lactobacillus aureus
- C Micrococcus
- D Lactobacillus acidophilus

**Answer: D**

**Question 28**

**In the 2018 Union budget of India, what was the proportion of MSP (minimum support price) of agriculture products?**

- A 1.7 times the marketrate
- B 1.9 times the marketrate
- C 2.0 times the marketrate
- D 1.5 times the market rate

**Answer: A**

**Question 29**

**Keisabadi is a form of folk dance of ..... state in which only men cantake part.**

- A Rajasthan
- B Odisha
- C Telangana
- D Sikkim

**Answer: C**

**Question 30**

**The ..... and ideals of the Indian Constitution are reflected in the Preamble to the Constitution of India.**

- A Philosophy
- B Laws
- C Policies
- D Acts

**Answer:** A

**Question 31**

**The share of the tertiary sector to the GDP has increased but the contribution of which sector to employment is the highest at present?**

- A Secondary
- B Industry
- C Information technology
- D Primary

**Answer:** C

**Question 32**

**What is mandatory for any entity entering into a financial transaction of ₹ 2.5 lakh or more?**

- A PAN card
- B Licence
- C Aadhaar card
- D Passport

**Answer:** A

**Question 33**

**Who has been renominated as the Chairman of the Lok Sabha Ethics Committee?**

- A LK Advani
- B Ramesh Pokhriyal
- C Sumitra Mahajan
- D Chandrakant Khaire

**Answer:** D

**Question 34**

**Who won the Badminton World Federation World Tour Finals Tournament in December 2018?**

- A Mahesh Bhupathi

- B** PV Sindhu
- C** Nozomi Okuhara
- D** Saina Nehwal

**Answer:** C

**Question 35**

**The deficiency of vitamin-A results in:**

- A** rickets
- B** scurvy
- C** night blindness
- D** hair fall

**Answer:** B

**Question 36**

**The Lohri festival is mainly related to which state?**

- A** Maharastra
- B** Uttar Pradesh
- C** Punjab
- D** Goa

**Answer:** D

**Question 37**

**Which of the following European countries is called 'the land of a thousand lakes'?**

- A** Sweden
- B** Finland
- C** Norway
- D** Estonia

**Answer:** A

**Question 38**

**Who started the Bhoodan Movement or The Land Gift Movement in 1951?**

- A** Indira Gandhi
- B** Vinobha Bhave
- C** Acharya Narendra Dev

**D** Mahatma Gandhi

**Answer:** B

**Question 39**

**The city of Dhillika (Delhi) was founded by the:**

**A** Pariharas

**B** Chauhans

**C** Pawars

**D** Tomars

**Answer:** B

**Question 40**

**..... is the most abundant element in the earth's crust.**

**A** Carbon dioxide

**B** Hydrogen

**C** Silicon

**D** Oxygen

**Answer:** B

**Question 41**

**Which of the following rulers were closely associated with Yuehzi nomadic people?**

**A** Dinnaga

**B** Shaka

**C** Pahalva

**D** Kushana

**Answer:** A

**Question 42**

**What is the 'Agenda 21' of the Rio Summit 1992 related to?**

**A** Technology transfer mechanism to developing countries for 'clean — energy' production

**B** Sustainable development

**C** Combating the consequences of population explosion

**D** Mitigation norms of GHGs emission

**Answer: C**

**Question 43**

**Bees must collect nectar from approximately how many flowers to make one pound of honey?**

- A** 20 million
- B** 10 thousand
- C** 50 million
- D** 2 million

**Answer: C**

**Question 44**

**Article 368 is related to:**

- A** centre-state relations
- B** constitutional amendments
- C** the Supreme Court
- D** a state government

**Answer: A**

**Question 45**

**Whom does the constitution empower for the admission or establishment of new states?**

- A** State Government
- B** Supreme Court
- C** Parliament
- D** Central Government

**Answer: B**

**Question 46**

**Who among the following was the first Indian woman to receive the Nobel Peace prize?**

- A** Mother Teresa
- B** Nargis Dutt
- C** Indira Gandhi
- D** Sarojini Naidu

**Answer: A**

**Question 47**

**Which Indian IT expert is called ‘the father of the Pentium processor’?**

- A** Vinod Dham
- B** Biswamohan Pani
- C** Ajay Bhatt
- D** Anand Chandrashekher

**Answer:** D

**Question 48**

**Where did the first Asian Games begin?**

- A** China
- B** SriLanka
- C** India
- D** Nepal

**Answer:** D

**Question 49**

**The pioneer of communism in India was:**

- A** S. A Dange
- B** M. N Roy
- C** Nalin Gupta
- D** M. R Jayakar

**Answer:** D

**Question 50**

**Which of the following is the highest peak of Vindhya Range?**

- A** Kalumar Peak
- B** Mahendragiri
- C** Pachmarhi
- D** Gurushikhar

**Answer:** B

# Quant

## Instructions

For the following questions answer them individually

### Question 51

Study the following table carefully and answer the questions given below it.

Number of candidates appearing for an interview for a post in Bank and percentage of candidates qualifying

#### Figure

What was the average number of candidates who appeared for the interview in bank A, C and E together?

A 2000

B 1800

C 1900

D 1500

Answer: C

### Question 52

A sell an article to B at a gain of 5% and sell it to C at a gain of 10%. If C paid ₹ 462, what did it cost A?

A ₹400

B ₹500

C ₹480

D ₹320

Answer: A

### Question 53

The radius of in-circle of a triangle is 4 cm and the perimeter of the triangle is 20 cm. What is the area of the triangle?

A 40 sq. cm

B 36 sq. cm

C 80 sq. cm

D 20 sq. cm

Answer: A

### Question 54

A room is in the shape of cube and the length of the longest rod placed in it is  $12\sqrt{3}$  m. The area of the floor is:

Latek

- A 36 sq. m
- B 144 sq. m
- C 64 sq. m
- D 96 sq. m

**Answer:** B

**Question 55**

What is the maximum number of students among whom 63 pens and 140 copies can be distributed in such a way that each student gets the same number of pens and same number of exercise books?

- A 5
- B 2
- C 7
- D 3

**Answer:** C

**Question 56**

A train passes a 60 metres long platform in 20 seconds and a man standing on the platform in 16 seconds. The speed of the train is:

- A 40 kmph
- B 50 kmph
- C 38 kmph
- D 54 kmph

**Answer:** D

**Question 57**

Study the following table carefully and answer the questions given below it.

Number of candidates appearing for an interview for a post in Bank and percentage of candidates qualifying

**Figure**

What was the respective ratio of the number of candidates who qualified in bank A to the number of candidates who qualified in bank E?

- A 5:6
- B 2:5
- C 3:7
- D 5:8

**Answer:** D



**Question 58**

A man travels from A to B at a speed of 50 km/hr and returns to A by increasing his speed by 30%. What is his average speed during the whole journey?

- A 40 km/hr
- B 45 km/hr
- C 50 km/hr
- D 55 km/hr

**Answer:** A

**Question 59**

Study the following table carefully and answer the questions given below it.  
Number of candidates appearing for an interview for a post in Bank and percentage of candidates qualifying

**Figure**

The number of candidates who did not qualify in bank D was approximately what percent of the candidates who did not qualify in bank B?

- A 51
- B 42
- C 48
- D 44

**Answer:** C

**Question 60**

What sum will fetch a simple interest of ₹ 25,410 in five and a half years at 6% p.a. rate of interest?

- A ₹77,000
- B ₹88,000
- C ₹70,000
- D ₹55,000

**Answer:** A

**Question 61**

75% of a number x is equal to  $\frac{2}{5}$  of another number y. What is the ratio between x and y?

- A 1 : 5
- B 13 : 8

C 8 : 15

D 1 : 3

Answer: C

**Question 62**

The compound interest on a certain sum at 4% per annum (compounded annually) for 2 years is ₹ 102. On the same principal at the same rate for the same time, the simple interest will be:

A ₹100

B ₹99

C ₹98

D ₹101

Answer: A

**Question 63**

If the cost price of an article is € 200 and selling price of the same article is ₹ 225. Find the profit %.

A 15%

B 12.5%

C 25%

D 16%

Answer: B

**Question 64**

Latek

A 198

B 138

C 189

D 142

Answer: C

**Question 65**

Two numbers A and B are respectively 10% and 25% more than third number C respectively. What is the ratio of A and B?

A 13 : 16

B 11 : 12

C 22 : 25

D 15 : 16

Answer: C

**Question 66**

The average of two numbers is 6 and that of another three numbers is 8. The average of these five numbers is:

A 6.5

B 7.6

C 7.2

D 5.5

Answer: C

**Question 67**

If 12 men can do a job in 7 days, what fraction of the job can be done by one man in one day?

A  $\frac{1}{7}$

B  $\frac{1}{84}$

C  $\frac{1}{168}$

D  $\frac{1}{252}$

Answer: C

**Question 68**

The marked price of a radio is ₹ 480. The shopkeeper allows a discount of 10% and still gains 8%. If no discount is allowed, then his gain percent is:

A 35%

B 20%

C 15%

D 25%

Answer: B

**Question 69**

If 20% of P = 30% of Q =  $\frac{1}{6}$  of R, then P : Q : R is equal to:

A 1 : 2 : 4

B 5 : 10 : 6

C 15 : 10 : 18

D 2 : 5 : 8

Answer: C

**Question 70**

If two pipes function simultaneously, a tank is filled in 12 hours. One pipe fills the tank 10 hours faster than the other. How many hours does the faster pipe alone take to fill the tank?

- A 12
- B 20
- C 15
- D 18

Answer: B

**Question 71**

In a family of 4 members, if father earns ₹ 50,000, mother earns ₹ 32,000, son ₹ 25,000 and daughter monthly earns ₹ 20,000 in a month, then the average income of the family is given by:

- A ₹ 31,000
- B ₹ 28,000
- C ₹ 32,000
- D ₹ 31,750

Answer: D

**Question 72**

The value of the following expression:  
150% of 15 + 75% of 75 is

- A 135
- B 78.75
- C 138
- D 75.75

Answer: B

**Question 73**

If a carpenter increases each edge of a square wooden piece from 42 cm to 45 cm, the cost of wood is increased by ₹ 783. What is the rate of wood per sq. cm?

- A ₹3
- B ₹4
- C ₹4.5

D ₹5

Answer: A

**Question 74**

What is the Mode of the following data:  
Figure

A 28

B 14

C 7

D 59

Answer: C

**Question 75**

Latek

A 158

B 138

C 148

D 238

Answer: C

English

**Instructions**

For the following questions answer them individually

**Question 76**

Select the word which means the same as the group of words given.

A person giving too much attention to small details and wanting perfection.

A Studious

B Fanatic

C Fastidious

D Gullible

Answer: C

**Question 77**

Select the antonym of the given word.

CONCISE

- A Short
- B Lengthy
- C Succinct
- D Brief

**Answer: B**

**Question 78**

**Select the most appropriate word to fill in the blank.**

**Finally, the prizes were ..... to all successful participants by the chief guest.**

- A distributed
- B provided
- C shared
- D divided

**Answer: A**

**Question 79**

**Select the word which means the same as the group of words given.**

**A short interesting incident about a person**

- A Anecdote
- B Drama
- C Ballad
- D Epitaph

**Answer: A**

**Question 80**

**Select the most appropriate word to fill in the blank.**

**As this Principal adopts a ..... approach towards the running of the school, the school is losing its prestige.**

- A proper
- B dilute
- C strict
- D casual

**Answer: D**

**Question 81**

**Select the meaning of the given idiom.  
Miss the boat**

- A** To miss the chance
- B** To take a risk
- C** To miss someone
- D** To drown

**Answer: A**

**Question 82**

**Select the meaning of the given idiom.  
To burn one's fingers**

- A** To have an unfavourable result
- B** To undergo pain
- C** To behave as if one is important
- D** To touch something hot

**Answer: A**

**Question 83**

**Select the most appropriate word to fill in the blank.  
Most of the Himalayan rivers are perennial: they have water ..... the year.**

- A** between
- B** throughout
- C** along
- D** across

**Answer: B**

**Question 84**

**Select the synonym of the given word.  
ABUNDANT**

- A** Plentiful
- B** Inadequate
- C** Lacking
- D** Scanty

**Answer: A**

**Question 85**

Select the wrongly spelt word.

- A Maneuver
- B Maintenance
- C Mathematics
- D Liason

**Answer:** D

**Question 86**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No substitution required.

The Deccan Plateau triangular landmass that lies to the south of the river Narmada.

- A No substitution required
- B are a triangle
- C has a triangular
- D are a mass

**Answer:** A

**Question 87**

Select the wrongly spelt word.

- A Prominent
- B Professor
- C Laboratory
- D Knowlege

**Answer:** D

**Question 88**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No substitution required.

The sun rises two hours earliest in Arunachal Pradesh as compared to Gujarat.

- A two hours earlier
- B two hour early
- C two hours' early
- D No substitution required

**Answer:** A



**Question 89**

**Identify the segment in the sentence which contains the grammatical error from the given options.**  
**Agriculture is main occupation of the people living in the plains.**

- A living in
- B is main occupation
- C the plains
- D of the people

**Answer: B**

**Question 90**

**Identify the segment in the sentence which contains the grammatical error from the given options.**  
**India's relations with most countries of the world have remained cordial across the years.**

- A with most countries
- B across the years
- C India's relations
- D of the world

**Answer: B**

**Question 91**

**Select the antonym of the given word.**  
**DESPISE**

- A Dislike
- B Contempt
- C Hate
- D Admire

**Answer: D**

**Question 92**

**Select the synonym of the given word.**  
**ENORMOUS**

- A Tiny
- B Huge
- C Dwarf
- D Negligible

**Answer: B**

**Question 93**

Select the most appropriate word to fill in the blank.  
The Chilika Lake is the ..... salt water lake in India.

- A largest
- B large
- C more larger
- D larger

**Answer: A**

**Question 94**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No substitution required,  
The Himalayas represent one of the more rugged mountain barriers of the world.

- A one in the most
- B one of the most
- C No substitution required
- D the more

**Answer: B**

**Instructions**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Passage:

The Narmada(1)..... from the Amarkantak hills in Madhya Pradesh. It flows (2)..... the west in rift valley (3)..... due to faulting. On its (4)..... to the sea, the Narmada creates many (5)..... locations.

**Question 95**

Select the most appropriate option that will fill in the blank number 1.

- A heads
- B creates
- C originates
- D resides

**Answer: C**

**Question 96**

Select the most appropriate option that will fill in the blank number 2.

- A across

- B facing
- C against
- D towards

**Answer:** D

**Question 97**

Select the most appropriate option that will fill in the blank number 3.

- A forming
- B form
- C formed
- D formation

**Answer:** C

**Question 98**

Select the most appropriate option that will fill in the blank number 4.

- A road
- B movement
- C approach
- D way

**Answer:** D

**Question 99**

Select the most appropriate option that will fill in the blank number 5.

- A specific
- B plain
- C scenic
- D ornamental

**Answer:** C

