

QUANTS

Directions(Q. 1-5).In the given questions, two quantities are given, one as 'Quantity I' and another as 'Quantity II'. You have to determine relationship between two quantities and choose the appropriate option:

1 . Train A cross a platform of length 520 meters in 22.8 sec and a man in 7.2 sec.

Quantity I -If train A cross train B running in same direction at 96 km/hr in 63 seconds then find the length of train B.

Quantity II - What is length of train C having speed of 90 km/hr and cross train A in 7.2 sec running in opposite direction.

- 1. Quantity I > Quantity II
- 2. Quantity I < Quantity II
- 3. Quantity I ≥ Quantity II
- 4. Quantity I ≤ Quantity II
- 5. Quantity I = Quantity II or no relation

2 . Ratio of age of Bhavya& Veer three years before was 7 : 8 and after six year it will be 10 : 11. Ankit is two years older than Bhavya, while Ayush is four years younger than that of Veer. The time when Bhavya and Veer completed their graduation, the ratio of their respective ages at that time was 20 : 23

Quantity I= Sum of age of Ankit &Ayush at the time when Bhavya& Veer respectively completed their graduation.

Quantity II= Average age of P, Q & R, two years hence will be 38 years and ratio of present age of Q & R be 16 : 9. P is 33 years old, ratio of age of R & T eight years hence will be 7 : 8. M is four years older than Q and ratio of present age of M & N is 13 : 14. Find average age of N & Q.

- 1. Quantity I > Quantity II
- 2. Quantity I < Quantity II
- 3. Quantity I ≥ Quantity II
- 4. Quantity I ≤ Quantity II
- 5. Quantity I = Quantity II or no relation

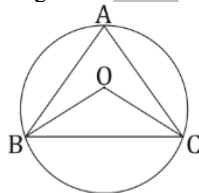
3 . Length of body diagonal of a cube is $60\sqrt{3}$ cm, if cube is melted and formed some smaller cubes with side of 4 cm each or cube is melted and formed some cuboids of each having length of 8 cm, width of 5 cm & height of 2 cm.

Quantity I - Find the difference between increase in total surface area of all smaller cubes with respect to original cube & increase in total surface area of all cuboids formed with respect to original cube

Quantity II- $3.16m^2$

- 1. Quantity I > Quantity II
- 2. Quantity I < Quantity II
- 3. Quantity I ≥ Quantity II
- 4. Quantity I ≤ Quantity II
- 5. Quantity I = Quantity II or no relation

4 . A circle with center 'o' is circumscribed with an equilateral triangle ABC of side $24\sqrt{3}$ cm



Quantity I - Find the height of triangle.

Quantity II - Find the length of rectangle having perimeter 120 cm and breadth equal to radius of circle.

- 1. Quantity I > Quantity II
- 2. Quantity I < Quantity II
- 3. Quantity I ≥ Quantity II
- 4. Quantity I ≤ Quantity II
- 5. Quantity I = Quantity II or no relation

5 . Quantity I: A man has two solid balls. Ratio between radius of first ball and second ball is 4 : 3. If man cut the second ball from middle then difference between total surface area of first ball 1424.5 cm^2 and total surface area of a part of second ball is Find value of radius of bigger ball?

Quantity II: Height of a cylindrical vessel is equal to side of a square, having area is 256 cm^2 . If volume of cylindrical vessel is 22176 cm^3 then find the radius of cylindrical vessel.

- 1. Quantity I > Quantity II
- 2. Quantity I < Quantity II
- 3. Quantity I ≥ Quantity II
- 4. Quantity I ≤ Quantity II
- 5. Quantity I = Quantity II or no relation

6 . A new coach was appointed for a cricket team in the middle of a season. After the new coach took over, the team won $75\frac{2}{11}\%$ of the 55 matches, it played. However, the overall success rate of the team for the entire season was 85%. What is the minimum number of matches the team must have played that season before the new coach took over?

- 1. 28 matches
- 2. 32 matches
- 3. 25 matches
- 4. 40 matches
- 5. None of the above.

7. Aman, Bhanu, Colin, David and Eshmeet had a total of Rs.440 with them. Aman had twice the sum that Colin has. Bhanu has Rs.10 more than Colin. David's share is equal to the sum of amount that Bhanu and Colin has, Eshmeet has 75% of the amount that Aman and Bhanu together has. Find the amount with Aman.

- 1. Rs. 150
- 2. Rs. 60
- 3. Rs. 120
- 4. Rs. 110
- 5. Rs. 100

8. A contractor was given a contract of completing a task in 60 days. He hired 40 men for completing the task. At the end of 36 days, he realized that only 50% task has been completed. So, in order to complete the task in the contracted time he hired more men. How many more men are hired by contractor to complete the task in contracted time?

- 1. 20 men
- 2. 18 men
- 3. 25 men
- 4. 12 men
- 5. 16 men

9. If the breadth of rectangle is increased by 2cm then it will become side of a square. Area of square is 24 cm^2 more than the area of rectangle and the ratio of length and breadth of rectangle is 6 : 5. Then, find the ratio of area of rectangle to the area of square.

- 1. 3 : 4
- 2. 5 : 6
- 3. 12 : 13
- 4. 6 : 7
- 5. None of the above.

10. A 90 liter vessel contains a mixture of lemon juice & orange juice in the ratio 7 : 8. Some mixture is taken out from the vessel and is replaced completely by the water. Ratio of lemon juice, orange juice and water in the resulting mixture is 14 : 16 : 15. Then, find the quantity of lemon juice in resulting mixture is what percent of the quantity of orange juice in the original mixture.

- 1. $58\frac{1}{3}\%$
- 2. 62%
- 3. 55%
- 4. 49%
- 5. None of these

11. A and B are two alloys which were made by mixing iron and copper in the ratio of 3 : 5 and 5 : 9 respectively. If 60 grams of alloy A and X grams of alloy B are melted and mixed to form

another alloy C, what is the value of X if the ratio of iron and copper in the new alloy is 35 : 61 ?

1. 70 gm
2. 56 gm
3. 98 gm
4. 84 gm
5. 112 gm

12 . In a class there are two sections i.e. A and B. 25% of the students in section A and $44\frac{4}{9}\%$ of the students in section B are girls. If two students are chosen at random one each from section A and section B as class representative then find the probability that there will be exactly one boy out of chosen two students?

1. $\frac{17}{36}$
2. $\frac{13}{36}$
3. $\frac{1}{2}$
4. $\frac{7}{18}$
5. $\frac{4}{9}$

13 . Ravi and Sneha got married 10 years ago and at that time ratio of their ages was 5:4. Ratio of present age of Ravi and Sneha is 7:6. After marriage they had seven children including a triplet and a twin. The ratio of present age of triplet, twin, sixth and the seventh child is 4:3:2:1. Find the largest possible value of the present total age of the family.

1. 121
2. 107
3. 101
4. 93
5. None of the above

14 . Shivam invested Rs 3 lac in a scheme which is providing interest rate of 'r'% per annum at CI and this scheme doubles the sum invested in $\frac{72}{r}$ years which is two times of rate of interest provided by the scheme. Find the total amount received by Shivam at the end of 48 years (in lac)?

1. 45
2. 50
3. 64
4. 32
5. 48

15 . Marked price of two articles A and B is in the ratio of 3:4. Shopkeeper sold article A and article B at the discount of x % and (x+8)% respectively. Shopkeeper made a profit of 20% on selling article B and found that its cost price is equal to selling price of article A. Find the marked of article B when article A is sold for Rs 972 at two successive discounts of $\frac{x}{2}\%$ and $2x\%$?

1. Rs 1800
2. Rs 2000
3. None of the above
4. Rs 1600
5. Rs 2800

16 . Ratio of area of circle to area of square is 11 : 14 and area of rectangle is 147 cm^2 . If breadth of rectangle is equal to the side of square and ratio of length and breadth of rectangle is 3 : 4. Then, find radius of a circle.

1. 14 cm
2. 3.5 cm
3. 9 cm
4. 7 cm
5. 10.5 cm

17 . Aman, Bhanu and Chaman invested Rs.1000, Rs.3000 and Rs.5000 respectively in partnership. Aman, Bhanu and Chaman invested for 6 months, 9 months and 12 months respectively. Aman is entitled to Rs.3000 as salary per month. If remaining profit is distributed in the ratio of their investment and profit share of Bhanu is Rs.46,800 at the end of the year, then find the difference between Aman's and Chaman's profit share at the end of the year.

1. Rs.39,800
2. Rs.57,600
3. Rs.35,100
4. Rs.46,200
5. Rs.71,900

18 . Three brother A, B and C gave 10%, 12.5% and 15% of their monthly salary to their parents respectively. Salary of A and C is same and the difference of amount given by A and C to their parents is Rs 160. The total amount given by A and C to their parents is Rs 300 more than the amount given by B to his parents. Find the total amount given by all three to their parents is what percent of their total salary?

1. 12.5%
2. 11.75%
3. 12.15%
4. 12%
5. 11.5%

19 . Three brother A, B and C gave 10%, 12.5% and 15% of their monthly salary to their parents respectively. Salary of A and C is same and the difference of amount given by A and C to their parents is Rs 160. The total amount given by A and C to their parents is Rs 300 more than the amount given by B to his parents. Find the total amount given by all three to their parents is what percent of their total salary?

1. 12.5%
2. 11.75%
3. 12.15%
4. 12%
5. 11.5%

20 . A mixture contains liquids P and Q in the ratio of 4 : 9. If 52 litres of the mixture is taken out and replaced with another liquid R, concentration of liquid P in the final mixture becomes 20%. What is the quantity of liquid Q in the final mixture?

1. 30 lit
2. 36 lit
3. 32 lit
4. 40 lit
5. None of these

REASONING

Direction (Q. 21-25): Study the following information carefully and answer the question given below.

Eight boxes A, B, D, E, F, G, H and I are placed one above the other, but not necessarily in the same order. The lowermost box is numbered as 1 and above it box is numbered as 2 and so on till the topmost box is numbered as 8. Each of boxes contains different fruits viz. Apple, Banana, Cherry, Date, Grapes, Mango, Orange, Papaya and each of boxes is of different weights viz. 20kg, 22kg, 24kg, 26kg, 30kg, 34kg, 37kg and 40kg, but not necessarily in the same order.

Box A is placed at the odd numbered position below 5th position and it is placed adjacent to box which weight is 34kg. There are three boxes are placed between the box which weight is 30kg and the box which contains Orange. Box D is placed at the 2nd position. Box H's weight is 24kg and is placed at the top. Box D's weight is not 30kg. The box which contains Orange is placed adjacent to the box which contains Apple. Two boxes are placed between the boxes which weights are 24kg and 37kg. The box which contains Apple is not of 34kg. Box D contains Grapes. Box G contains Cherry and placed adjacent to the box which contains Date. Maximum numbers of boxes are placed between the boxes which contain Mango and Papaya. Box A does not contain Papaya. Box F contains Banana and is placed adjacent to the box which contains Mango. There are three boxes placed between the box which weight is 26kg and the box which contains Cherry, which placed above the box, which weight is 26kg. Box I's weight is not 20kg. More than two boxes are placed between box E and B, which weight is 40kg.

21. What is the weight of the box E?

1. 22kg
2. 20kg
3. 34kg
4. 30kg
5. 26kg

22. What is the position of box B?

1. 4th
2. 6th
3. 1st
4. 3rd
5. None of these

23. Which of the following box's weight is 37kg?

1. I
2. F
3. A
4. G
5. None of these

24. Which of the following fruit box I contains?

1. Date
2. Papaya
3. Apple
4. Orange
5. None of these

25. How many boxes are placed between box F and I?

1. Three
2. None
3. One
4. Four
5. two

Direction (Q. 26-30) : Study the information given below and answer the given questions:

In a certain code language

"exam session starts going" is coded as "I@36 N#5 E@16 X#7 "

"preparation officer and become" is coded as " K#11 X@36 W#7 O#3 "

"choose otherwise option your" is coded as "U@36 N@16 M@36 I#9"

26. Which of the following is the code for 'brights future'?

1. K#7, H@36
2. K#7, H@16
3. K#7, H@25
4. K#8, H@36
5. None of these

27. Which of the following is the code for 'start at once'?

1. H@36 I#5
2. I@36 I#5
3. I@36 J#5
4. I@36 I#25
5. I@16 I#5

28. Which of the following is the code for 'competitive world'?

1. N#11 O#5
2. M#11 N#5
3. N#11 N#25
4. N#21 N#5
5. N#11 N#5

29. Which of the following is the code for 'fights for'?

1. U@36 N#3
2. T@36 N#3
3. T@36 N#4
4. T@16 N#3
5. T@36 N#13

30. Which of the following is the code for 'discriptive question'?

1. V#11 H@36
2. T#11 I@36
3. U#11 H@36
4. T#11 H@36
5. None of these

31. Which of the following extends data across networks rather than store it in one central site?.

- (1) PIM
(2) File manager
(3) Distributed database
(4) Data mining program
(5) None of these

32. What is a serial port that adds a direct connection to a network?

- (1) FireWire
(2) NIC
(3) USB
(4) Internal modem

33. What should be used if a company wants to include its company name and logo at the bottom of every page of a brochure?

- (1) Header
(2) Macro
(3) Footer
(4) Footnote
(5) None of these

34. is an event-driven programming language developed in the early 1990.

- (1) C
(2) VB
(3) C++
(4) Pascal
(5) None of these

35. Linux is a

- (1) Utility program for peer-to-peer file sharing
(2) Real-time operating system
(3) Network operating system
(4) PDA platform
(5) None of these

36. The runs the front-end applications software in a network.

- (1) Client
(2) Database
(3) Server
(4) CPU
(5) None of these

37. Which of the following is used for close a tab on a browser?

- (1) Ctrl + T
(2) Ctrl + W
(3) Ctrl + A
(4) Ctrl + Y
(5) None of these

38. _NORTON_ is an

- (1) Software
(2) Anti-Virus Program
(3) Network
(4) Program

39. A program that converts high level language to machine Language is

- (1) Linker
(2) Assembler
(3) Compiler
(4) All of the above
(5) None of these

40. Zip is a---- file.

- (1) Executable File
(2) Compressed File
(3) System File
(4) Combo
(5) None of these

Direction (Q. 41-43): Study the following information carefully to answer the given questions.

Eight persons are sitting in a row. Some of them are facing towards north while some are facing south. All the persons sitting in the row based on the following information—

A%B—A sits third to the left of B.

A\$B- A sits immediate left of B.

A&B—A sits forth to the right of B.

A#B—A sits second to the left of B.

A@B--Three persons sit between A and B.

A©B-Two persons sit between A and B.

A£B- A sits second to the right of B.

A*B- A sits third to the right of B.

Now the arrangement is based on following information—

Sonu & Kush, Reena%Sonu, Sumit\$Reena, Akash©Sumit,

Diya#Akash, Diya@Bela, Sameer*Bela, Kush£Sameer,

Sonu#Sumit, Sonu*Diya

*Not more than three persons are facing south direction.

Each of them is of different age. Also the age of each person is provided in coded form based on the names of the respective person.

For ex—

In coded language—

Ram Seeta Tina— 31 20 21

Ankush Kamal Divya—9 23 5

Priya Jaya Charu—17 11 24

41. Who among the following sits immediate right of Kush?

- | | |
|------------------|---------|
| 1. Akash | 2. Diya |
| 3. Bela | 4. Sonu |
| 5. None of these | |

42. Who among the following is the youngest?

- | | |
|------------------|-----------|
| 1. Akash | 2. Sameer |
| 3. Bela | 4. Diya |
| 5. None of these | |

43. Which of the following combination is true?

- | | |
|--------------------|-------------------|
| 1. Akash- 40 years | 2. Bela- 39 years |
| 3. Reena-19 years | 4. Sumit- 5 years |
| 5. Sonu- 3 years | |

Direction (Q. 44-45): In the questions below are given two conclusions followed by five set of statements. You have to choose the correct set of statements that logically satisfies given conclusions either definitely or possibly. Assume the given statements to be true even if they seem to be at variance from commonly known facts.

44. Conclusions:

Some fruit is guava.

Some apple is not guava.

Statements:

1. Some apple is banana. All bananas is guava. No guava is orange. All fruit is orange. Some orange is sweet.
2. All apples is guava. Some guava is sweet. All sweet is banana. Some banana is orange. All orange is fruit.
3. All apples is guava. Some apple is fruit. No fruit is banana. All orange is banana. Some orange is sweet.
4. Some apple is sweet. All sweet is banana. No banana is guava. All guava is fruit. Some fruit is orange.
5. None of these.

45. Conclusions:

Some copy is pen.

Some pencil is book.

Statements:

1. Some pen is book. All book is copy. Some copy is fair. All fair is pencil. Some pencil is work.
2. Some pen is work. All work is copy. Some copy is book. All book is fair. Some fair is pencil.
3. Some pen is work. All work is copy. Some copy is book. All book is fair. No fair is pencil.
4. Some pen is fair. All fair is copy. Some copy is book. All book is pencil. Some pencil is work.
5. None of these.

Direction (Q. 46-50): Study the following information carefully and answer the questions given below:

Eight couples are sitting in two parallel rows containing four beds in each row in such a way that there is an equal distance between adjacent couples. In the first row, four couple i.e. Z, B, X, D, E, F,

G and Y are seated and all of them are facing south. In the second row, four couples i.e. K, Q, L, S, T, U, V and W are seated and all of them are facing north. Therefore, in the given seating arrangement, each couple seated in a row faces another couple of the other row. Two persons seat on each bed.

There are 5 persons sit between B and E, who sits at one of the extreme end. There are two beds gap between T and U, who sits at one of the extreme end. D faces to the one who sits exactly between U and T, who does not sit at the extreme end. There are three persons sit between G and D. W sits 2nd to the left of the one who faces to E. Both S and K, are sit on same bed. More than one person sit between K and W. Z sits 2nd to the left of F. Both F and Y are not sitting on the same bed. There is one bed gap between Q and L, who does not face D. There is one bed gap between Y and X. Y does not face S. One person sits between X and D.

46. Who among the following faces to V?

- | | |
|------------------------|------|
| 1. G | 2. X |
| 3. Y | 4. E |
| 5. Can't be determined | |

47. Who among the following person sits at the extreme end?

- | | |
|------|------|
| 1. S | 2. G |
| 3. F | 4. Q |
| 5. V | |

48. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

- | | |
|------|------|
| 1. Z | 2. L |
| 3. G | 4. U |
| 5. E | |

49. The number of persons sits between Z and B is same as the number of persons sits between T and ____?

- | | |
|------------------|------|
| 1. W | 2. V |
| 3. S | 4. Q |
| 5. None of these | |

50. Who among the following couples are seated at same bed?

- | | |
|------------|------------|
| 1. Z and X | 2. Q and V |
| 3. F and Y | 4. L and T |
| 5. T and V | |

ENGLISH

Direction(Q. 51-55): Given below are four sentences which are divided into several parts. Answer the following questions based on these given statements.

[A] [1] satisfy the grand plans of a master builder, or seen as / [2] exasperatingly unable to make the best of opportunities / [3] that wise governments offered them/ [4] they were either treated as lifeless objects that could be moved around to

[B] [1] economist is currently the Ford Foundation International / [2] Professor of Economics at the US-based / [3] born in Mumbai, the 58-year-old / [4] Massachusetts Institute of Technology (MIT)

[C] [1] often displayed some insensitivity / [2] uplift—the poor / [3] development economics has / [4] to those it aims to

[D] [1] the trio has redeveloped the field of / [2] researchers in direct contact with the poor / [3] of new experimental methods that put / [4] development economics with the aid

60. Why are the superdense neutron stars called as bizarre by the author?

1. The echoes of collision are visible across a large stretch of the space.
2. Mass of these objects is 1.4 times that of sun but size similar to that of a city.
3. These objects are remnant of large stars which had dense core.
4. They are superhot and emit ultrabright gamma rays.
5. none of these

61. Why was the counterpart of GW170817 termed kilonova?

1. The visible bright spot in the space
2. The object rapidly transformed from blue to red
3. The emission gamma rays was similar
4. Both (b) and (c)
5. none of these

62. Which of the following phrases would fit in the blank [I] and from a grammatically and contextually correct sentence?

1. which explains the expansion of water bodies on earth
2. in the specific intervals of times
3. that had stumped observers at the time
4. turns the galaxy in the next hemisphere
5. none of these

Direction (Q. 63-66): Read the given passage and answer the following questions based on the passage.

The oil market is in ferment once again with a great deal of uncertainty over supplies. On Monday the United States announced that it would not extend beyond May 1 the 180-day waiver it had granted to eight countries, including India, to purchase oil from Iran. This caused the price of Brent crude oil to witness a sudden jump to more than \$75, from last week's close of \$71.97, as traders expected the withdrawal of the waivers to adversely affect the supply of oil in the market. It may, however, be hard to say for sure that the jump in the price of oil this week, and over the last few months, marks a secular rise in the price of the commodity. The entry of U.S. shale producers into the oil market has put a lid on the price of oil as freely competing shale suppliers have been happy to increase their output whenever oil prices rise significantly. Even this week, the oil market has been torn between the news of the end to the waivers granted to oil imports from Iran and competing news of the increased supply of oil pouring into the market from the U.S. Higher oil prices also make it profitable each time for members of OPEC to cheat on their commitments to restrict supply. If India is to protect its interests in the ever-volatile global oil market, the government will need to take steps to diversify its supplier base and also work towards increasing domestic sources of energy supplies. Opening up the renewable energy sector for more investments will also help avoid over-dependence on oil from the global market to meet the country's ever-increasing energy needs.

63. What has/have been the impacts of surge in oil prices?

1. Elevated inflation and current account deficit.
2. The entering of Iran shale producers into the global market.
3. No restriction over the supply of oil by OPEC members.
4. Both (b) and (c)
5. None of these

64. How has the entry of US shale producers affected?

1. Exportation of subsidized oil to the allies of US

2. Increase in the competition leading to better quality oil production

3. Diminution in the prices of the oil impacting the avaricious shale producers

4. OPEC countries restricting the supply of US products into their country

5. None of these

65. What are the various steps mentioned for India to deal with the instabilities of oil market?

1. Subsidizing the electric vehicles
2. Use of renewable energy resources
3. To diversify its oil base by developing domestic oil refineries
4. Both (b) and (c)
5. All of these

66. Which of the following sentences express the exact meaning of the phrase 'put lid on' as used in the passage?

1. The chef put the lid on the dish and let it boil for about 40 minutes before turning the gas off.
2. The chief executive asked the employees to put a lid on their complaints.
3. We've got to put a lid on our credit-card purchases.
4. Both (b) and (c)
5. All of these

Direction(Q. 67 - 70): In the following passage some phrases are highlighted. Following the passage are questions in which the options given express the meaning of the phrase asked. You need to mark the option that expresses the exact meaning of the phrase. If none of the option is correct then mark (E) as your answer.

Over the last four years, Indian cricket has played out at two distinctly contrasting levels. On the field, the squad gained heft, remained unassailable at home with the latest validation being the triumph over South Africa; and Virat Kohli's men also found their voice overseas as even Australia was **quelled in its backyard**. But off the field, the scenario was one of **cloak and dagger** as the Board of Control for Cricket in India (BCCI) delayed the implementation of the much-needed Lodha Committee reforms that had the Supreme Court's backing. That the BCCI needed its share of cleansing became a **grim reality** once the spot-fixing and betting controversy marred the 2013 Indian Premier League. The investigations had yanked out skeletons that pointed fingers at players, officials and bookies. The Lodha recommendations and the Committee of Administrators led by Vinod Rai, the former Comptroller and Auditor General of India, which was vested with the power to speed up the reforms, ran into a bunch of obfuscating BCCI officials. But finally there is a semblance of **light at the end of the dark administrative tunnel**. The reforms have been enforced and the BCCI with a new set of office-bearers should formally take charge following the elections on October 23. And, interestingly, former India captain Sourav Ganguly is all set to step up as the board's president.

67. Quelled in the backyard

1. Defeated in one's own home
2. Determined to take the vengeance
3. Silently waiting in the background
4. Getting ready in one's own home
5. None of these

68. Cloak and dagger

- | | |
|-----------------------------|---------------------------|
| 1. Disastrous | 2. Powerful and effective |
| 3. Mysterious and secretive | 4. Extremely dangerous |
| 5. None of these | |

69. Grim reality

- | | |
|-------------------------------|--------------------------|
| 1. Effervescent circumstances | 2. Concomitant situation |
| 3. Palatable incidences | 4. Obnoxious situation |
| 5. None of these | |

70. Light at the end of the tunnel

1. Completing the given task
2. Avenging the difficult situation
3. End of audacity
4. Termination of an arduous situation
5. None of these

GK**71. Who is the President of Mongolia?**

- | | |
|--------------------------|--------------------------|
| 1. Miyegombyn Enkhbold | 2. Almazbek Atambayev |
| 3. Khaltmaagiin Battulga | 4. Ukhnaagiin Khürelsükh |
| 5. None of these | |

72. Who among the following has been named as next IAF chief?

- | | |
|------------------|------------------|
| 1. JBS Kaushik | 2. SS Narayan |
| 3. VK Pachauri | 4. RKS Bhadauria |
| 5. None of these | |

73. As per Finance Minister Nirmala Sitharaman's recent press conference, what is the new income tax rate of the new domestic manufacturing companies?

- | | |
|------------------|---------|
| 1. 22 | 2. 22.5 |
| 3. 20 | 4. 15 |
| 5. None of these | |

74. Who won Best Actress Award at IIFA Awards 2019?

- | | |
|---------------------|------------------|
| 1. Deepika Padukone | 2. Alia Bhatt |
| 3. Katrina Kaif | 4. Sara Ali Khan |

75. In which Year R.V Raman awarded Nobel Prize for his work on scattering of light and the discovery of the Raman effect?

- | | |
|----------|----------|
| (1) 1928 | (2) 1930 |
| (3) 1934 | (4) 1943 |

76. India's first Central Police University will be established in which state?

- | | |
|------------------|----------|
| 1. Odisha | 2. Bihar |
| 3. Uttar Pradesh | 4. Assam |
| 5. None of these | |

77. Who among the following was conferred with the Young Scientist Award-2018 in National Geoscience Awards for the year 2018?

- | | |
|------------------------|-------------------|
| 1. Koushik Chakraborty | 2. Gopal Jee |
| 3. Sohini Ganguly | 4. Siddhesh Kamat |
| 5. None of these | |

78. What is the range of the Astra BVRAAM missile?

- | | |
|------------------|-----------|
| 1. 50 km | 2. 100 km |
| 3. 150 km | 4. 250 km |
| 5. None of these | |

79. Where did DRDO conduct the flight test of Astra, the Beyond Visual Range Air-to-Air Missile (BVRAAM)?

- | | |
|--------------|----------------|
| 1. Odisha | 2. West Bengal |
| 3. Rajasthan | 4. Kerala |

5. None of these**80. How many scientists were awarded the National Geoscience Awards for the year 2018?**

- | | |
|-------|-------|
| 1. 18 | 2. 20 |
| 3. 22 | 4. 25 |

5. None of these**81. Recently, Prime Minister Narendra Modi launched the 'Pradhan Mantri Kisan Mandhan Yojana' in _____.**

- | | |
|------------------|------------------|
| 1. Punjab | 2. Uttar Pradesh |
| 3. Jharkhand | 4. Gujarat |
| 5. None of these | |

82. Indian army will participate in a multilateral exercise "TSENTR 2019". It will be held in _____.

- | | |
|---------------|---------------|
| 1. Tajikistan | 2. Japan |
| 3. Russia | 4. Uzbekistan |

5. None of these**83. Name the missile which was recently tested by the DRDO in Kurnool, Andhra Pradesh.**

- | | |
|------------|------------|
| 1. NAG | 2. Dhanush |
| 3. Nirbhay | 4. MPATGM |

5. None of these**84. The DDCA has unveiled a new pavilion stand at the Feroz Shah Kotla to honour which cricketer?**

- | | |
|---------------------|--------------|
| 1. Sachin Tendulkar | 2. Kapil Dev |
| 3. Virat Kohli | 4. MS Dhoni |
| 5. None of these | |

85. _____ members of CISF successfully summited Mt. Satopanth peak.

- | | |
|------------------|------------|
| 1. Sixth | 2. Sixteen |
| 3. Seventh | 4. Fourth |
| 5. None of these | |

86. Chameleons can change colour using the _____ in its skin.

- | | |
|-----------------------|-----------------------|
| 1. organic crystals | 2. photonic crystals |
| 3. inorganic crystals | 4. amorphous crystals |
| 5. None of these | |

87. Which of the following is Israel's Lunar Mission?

- | | |
|--------------------------|----------------------------|
| 1. Alpha-A Lunar Mission | 2. Omega 9c Lunar Mission |
| 3. Amos Lunar Mission | 4. Beresheet Lunar Mission |
| 5. None of these | |

88. Which country has begun exporting bulletproof jackets to over 100 countries?

- | | |
|------------------|---------------|
| 1. India | 2. Bangladesh |
| 3. France | 4. Japan |
| 5. None of these | |

89. Which bank revised service charges for deposits and withdrawals from October?

- | | |
|------------------|------------------------|
| 1. Dena Bank | 2. State bank of India |
| 3. Yes Bank | 4. Canara Bank |
| 5. None of these | |

90. Which country has won the 'Best Video' award for the Asia & Pacific Region in the UNWTO Tourism Video Competition 2019?

- | | |
|------------------|--------------|
| 1. Malaysia | 2. Sri Lanka |
| 3. Thailand | 4. India |
| 5. None of these | |

PRACTICE TEST - 1

ANSWER KEY

1 (5)	2 (2)	3 (1)	4 (5)	5 (2)	6 (3)	7 (5)	8 (1)	9 (2)	10 (1)
11 (4)	12 (1)	13 (2)	14 (5)	15 (3)	16(4)	17 (2)	18 (1)	19 (4)	20 (5)
21 (5)	22 (2)	23 (4)	24 (3)	25 (5)	26(1)	27 (2)	28 (5)	29 (2)	30 (5)
31 (3)	32 (2)	33 (3)	34 (2)	35 (2)	36(1)	37 (2)	38 (2)	39 (3)	40 (2)
41 (2)	42 (3)	43 (3)	44 (4)	45 (4)	46(3)	47 (2)	48 (1)	49 (1)	50 (4)
51 (2)	52 (1)	53 (4)	54 (2)	55 (4)	56(4)	57 (5)	58 (1)	59 (3)	60 (2)
61 (4)	62 (3)	63 (3)	64 (3)	65 (2)	66(4)	67 (1)	68 (3)	69 (4)	70 (4)
71 (3)	22 (4)	73 (4)	74 (2)	75 (2)	76(3)	77 (3)	78 (2)	79 (1)	80 (3)
81 (3)	82 (3)	83 (4)	84 (3)	85 (2)	86(2)	87 (4)	88 (1)	89 (2)	90 (4)