



Q1. Contemporary: Historic \_\_\_\_: Ancient

- (a) Past
- (b) Classic
- (c) Modern
- (d) Future

Q2. Project Loon is a search engine project by \_\_\_\_ for providing internet access to rural and remote areas using high-altitude helium-filled balloons.

- (a) Google
- (b) Microsoft
- (c) Apple
- (d) Yahoo

Q3. The communication satellite launched by India in November 2015 is

- (a) GSAT-6
- (b) GAAT-15
- (c) GSAT-16
- (d) IRNSS-1E

Q4. The HCF of two numbers is 4 and the two other factors of LCM are 5 and 7. Find the smaller of the two numbers.

- (a) 10
- (b) 14
- (c) 20
- (d) 28

Q5. Capital of Nagaland is

- (a) Dimapur
- (b) Kohima
- (c) Mokokchung
- (d) Tezpur

Q6. E and F can do a work in 10 days. If E alone can do it in 30 days, F alone can do it in \_\_\_\_ days.

- (a) 15
- (b) 20
- (c) 25
- (d) 18

Q7. Who was the founder of Swaraj Party?

- (a) A. C. Rajagopalachari
- (b) Motilal Nehru
- (c) Lala Lajpat Rai
- (d) Mahatma Gandhi

Q8.  $2 \cos(\theta - \pi/2) + 3 \sin(\theta + \pi/2) - (3 \sin \theta + 2 \cos \theta) = ?$

- (a)  $\cos \theta - \sin \theta$
- (b)  $\sin \theta - \cos \theta$
- (c)  $\sin \theta + \cos \theta$
- (d)  $\cot \theta - \tan \theta$

Q9. Banaras Hindu University which complete 100 years in February 2016 was founded by

- (a) Gulzari Lal Nanda
- (b) Madan Mohan Malaviya
- (c) Jay Prakash Narayan
- (d) Sarvepalli Radhakrishnan

Q10. Which one is not a good conductor of electricity?

- (a) Porcelain
- (b) Aluminum
- (c) Tungsten
- (d) Nickel

Q11. A statement followed by some conclusions are given below.

Statement: Based on his performance, Rajesh got a poor rating in his office.

Conclusions: I. Rajesh did not perform well.

II. The rating given to Rajesh was not up to the mark.

Find which of the given conclusions logically follow from the given statement.

- (a) Only conclusion I follows.
- (b) Only conclusion II follows.
- (c) Both I and II follow.
- (d) Neither I nor II follows.

Q12. S can finish 50% of a work in a day. T can do 25% of the work in a day. Both of them together will finish the work in \_\_\_ days.

- (a) 2.66
- (b) 2.33
- (c) 1.33
- (d) 1367

Q13. ICT is the common abbreviation of

- (a) International Communication Technology
- (b) Intelligent Communication Technology
- (c) Inter-state Communication Technology
- (d) Information and Communication Technology

Q14. Find the fourth proportional to 3.6, 6.9 and 11.4.

- (a) 20.3
- (b) 18.9
- (c) 19.6
- (d) 21.9

Q15. 82, 70, 76, 64, 70, 58,?

- (a) 52
- (b) 76
- (c) 64
- (d) 48

Directions (16 - 18): Consider the following information and answer the questions based on it.

In a group of 75 students, 12 like only cabbage, 15 like only cauliflower, 21 like only carrot, 12 like both carrot and cabbage, 13 like only capsicum and 2 like both capsicum and cauliflower.

Q16. The difference between the people who like carrot and cauliflower is

- (a) 6
- (b) 18
- (c) 16
- (d) 4

Comprehension: Consider the following information and answer the questions based on it.

In group of 75 students, 12 like only cabbage, 15 like only cauliflower, 21 like only carrot, 12 like both carrot and cabbage, 13 like only capsicum and 2 like both capsicum and cauliflower.

Q17. What is the percentage of students that do not like cabbage?

- (a) 16
- (b) 32
- (c) 24
- (d) 68

Q18. How many students like only one vegetable?

- (a) 60
- (b) 61
- (c) 65
- (d) 71

Q19. Who was the first cricket to score 4 successive centuries in World Cup Cricket?

- (a) Kumar Sangakara
- (b) AB de Villiers
- (c) Ross Taylor
- (d) Saeed Anwar

Q20. Car X and Y start at the same time at speed of 12 kmph and 16 kmph. Find the distance between them after 3 minutes.

- (a) 200 m
- (b) 150 m
- (c) 180 m
- (d) 120 m

Q21. Consolation: Grief    Sedative: \_\_\_\_\_

- (a) Chloroform
- (b) Anesthesia
- (c) Pain
- (d) Burn

Q22. If the length (L cm) and breadth (B cm) of a rectangle are increased by 25%, find the difference between the areas of the old and new rectangles.

- (a)  $3LB/2$  sq. cm
- (b)  $24LB/9$  sq. cm
- (c)  $9LB/16$  sq. cm
- (d)  $16LB/9$  sq. cm

Q23. The technology developed to track enemy submarines in World War II was

- (a) RADAR
- (b) SONAR
- (c) Echolocation
- (d) LIDAR

Q24. Read the given statements carefully find answer the question.

Statement: A leading tennis star who faced media after failing a dope test said, "I don't want to end my career this way. I hope I will be given another chance to play this game. I let the sport down."

Which of the following is true according to the given statement?

- (a) He was challenging the outcome of the dope test.
- (b) He was confident that he was right and would continue to play.
- (c) He had admitted to testing positive in dope test.
- (d) The sport let him down.

Q25. A human adult's entire digestive tract from mouth to anus is about \_\_\_meters long.

- (a) 8
- (b) 7
- (c) 10
- (d) 9

Q26. Which one of the following is not alkaline?

- (a) Sodium
- (b) Potassium
- (c) Lithium
- (d) Sulphur

Q27. The average ages of parents and two children are 30 years and 8 years respectively. The average age of the family is

- (a) 16 years
- (b) 19 years
- (c) 18 years
- (d) 17 years

Q28. A statement followed by some conclusion are given below.

Statement: After landing on the moon, Neil Armstrong said "One small step for a man, a giant leap for mankind."

Conclusions: I. Neil Armstrong calls himself as mankind.

II. Neil Armstrong only echoed the feeling of achievement by mankind.

Find which of the given conclusions logically follow from the given statement.

- (a) Only conclusion I follows.
- (b) Only conclusion II follows.
- (c) Both I and II follow.
- (d) Neither I nor II follows.

Q29. A student scored 470 marks in 6 subjects. The maximum marks for each subject was 100. What was his score in percentage terms?

- (a) 67.33 %
- (b) 49.45 %
- (c) 78.33 %
- (d) 78.67 %

Q30. An article was sold for Rs. 26,000 at a discount of 35%. Find the selling price if the discount was 15%.

- (a) Rs. 36,000
- (b) Rs. 40,000
- (c) Rs. 38,000
- (d) Rs. 34,000

Q31. If the mathematical operator ' $\div$ ' means ' $\times$ ', ' $+$ ' means ' $-$ ', ' $\times$ ' means ' $+$ ' and ' $-$ ' means ' $\div$ ', then  $25 + 18 - 3 \times 7 \div 3 = ?$

- (a) 25
- (b) 21
- (c) 19
- (d) 40

Q32. A man covers 1 km in 10 minutes. What is his speed in kmph?

- (a) 4
- (b) 5
- (c) 6
- (d) 7

Q33. The \_\_\_ Five Year Plan of the Government of India (2012-17) is under drafting.

- (a) 10<sup>th</sup>
- (b) 11<sup>th</sup>
- (c) 12<sup>th</sup>
- (d) 13<sup>th</sup>

Q34. A man deposits Rs. 500 at the beginning of each year for 2 years at 10% p.a. compound annually. Find the maturity value at the end of the 2<sup>nd</sup> year.

- (a) Rs. 1,050
- (b) Rs. 1,150
- (c) Rs. 1,155
- (d) Rs. 1,200

Q35. Which ailment is not related to heart?

- (a) Aneurysm
- (b) Cardiomyopathy
- (c) Diphtheria
- (d) Myocardial rupture

Q36. If 'god is great' = 'cp an bo', 'great help done' = 'er cp fs' and 'he is great' = 'bo cp dq', then what represents 'he is god'?

- (a) cp er bo
- (b) an bo cp
- (c) dq bo cp
- (d) an bo dq

Q37. 'Euro' is the currency of

- (a) UK
- (b) Sweden
- (c) Euro Zone
- (d) Denmark

Q38. If the arithmetic mean of 10 numbers is 35 and each number is increased by 2, find the mean of the new set of numbers.

- (a) 28
- (b) 34
- (c) 40
- (d) 37

Q39. Gunpowder mainly contains

- (a) Calcium sulphate
- (b) Potassium nitrate
- (c) Lead sulfide
- (d) Zinc sulfide

Q40. Replace # sign with the mathematical operators '+', '÷' and '-' and '=' to get balanced equation out of (27 # 15 # 2) # 10 # 4. Choose the right sequence from below.

- (a) + ÷ = -
- (b) - + = ÷
- (c) + - ÷ =
- (d) + = ÷ -

Q41. The most significant feature of Indus Valley civilization was

- (a) Barter system
- (b) Local transport system
- (c) Buildings made of brick
- (d) Administrative system

Q42. If ARC is written as \$ @\* and HIT is #&% then CHAIR is

- (a) #\*&\$@
- (b) #\*\$&%
- (c) \*#\$&@
- (d) \*#\$&%

Q43. If 'health care is wealth' is written as 1372, 'health needs care' is 417, 'he needs wealth' is 463, then 'he is wealth' is \_\_\_\_.

- (a) 326
- (b) 764
- (c) 624
- (d) 246

Q44. The difference between the length and breadth of a rectangle is 6 m. If its perimeter is 64 m, then its area is:

- (a) 256 sq.m
- (b) 247 sq.m
- (c) 264 sq.m
- (d) 238 sq.m

Q45. The price of 12 kg of sugar is equal to that of 6 kg of rice. The price of 10 kg of sugar and 8 kg of rice Rs. 1040. Find the price 1 kg of sugar.

- (a) Rs. 80
- (b) Rs. 70
- (c) Rs. 60
- (d) Rs. 40

Q46. CBDA, GFHE, KJLI,?

- (a) NOPM
- (b) MNOP
- (c) PMNO
- (d) ONPM

Q47. a man who had no brother or sister, pointed out to a photo and said "this boy is my father's son". Who was on the photo?

- (a) The man's son
- (b) The man's father
- (c) Himself
- (d) The man's grandfather

Q48. The HCF of two numbers is 6 and their LCM is 108. If one of the numbers is 12, then the other is

- (a) 27
- (b) 54
- (c) 48
- (d) 36

Q49.  $9876 - ? + 5431 = 5553$

- (a) 9754
- (b) 9765
- (c) 8754
- (d) 9854

Q50. Bina is the daughter of Mohan who is the only son-in-law of Meena. Meena has only one child. Kiran is the granddaughter of Meena. How is Kiran related to Bina?

- (a) Sister
- (b) Daughter
- (c) Maternal aunt
- (d) Mother

Q51. NGT stands for

- (a) National Geographic Television
- (b) National Green Transport
- (c) National Green Trust
- (d) National Green Tribunal

Q52. If 'code'=6241, 'made'=5346, 'come'=3124' and 'to'=27 then 'dome'=?

- (a) 6134
- (b) 5214
- (c) 6124
- (d) 2634

Q53. In 2012 Olympics, the maximum gold medals were won by

- (a) China
- (b) Great Britain
- (c) U. S. A.
- (d) Russia

Q54. India came directly under the rule of the British Crown in the year\_\_\_\_\_.

- (a) 1857
- (b) 1858
- (c) 1859
- (d) 1856

Q55. E is the daughter of P who is the husband of the only daughter-in-law of K? How is E related to K?

- (a) Daughter
- (b) Granddaughter
- (c) grandmother
- (d) Mother

Q56. A trader bought a bag of 40 kg of basmati rice at Rs. 125 per kg and another bag of 60 kg at Rs. 150 per kg. He sold the entire stock at a profit of 20%. Find the selling price per kg.

- (a) Rs. 152
- (b) Rs. 158
- (c) Rs. 168
- (d) Rs. 172

Q57. The mean of 25 values was 40. But one value was written as 25 instead of 50. The corrected mean is

- (a) 39
- (b) 41
- (c) 40
- (d) 42

Q58. What number should be deducted from 1265 to make it divisible by 29 exactly?

- (a) 15
- (b) 16
- (c) 18
- (d) 17

Q59. Headquarters of NASA is at

- (a) New York
- (b) Washington
- (c) Boston
- (d) Texas

Q60. Find a pair similar to 'Arrow : Bow' from the following.

- (a) Football : Hand
- (b) Salad : Knife
- (c) Bullet : Rifle
- (d) Smoke : Water

Q61. Read the given statements carefully and answer the question.

Knowledge and wisdom go hand in hand. The deeper the knowledge, the greater is the wisdom.

Knowledge is awareness. Wisdom is required to tackle complications.

Which of the following is true according to the given statement?

- (a) Knowledge and wisdom are synonymous.
- (b) Knowledge and wisdom are entirely different.
- (c) Knowledge and wisdom are complementary to each other.
- (d) Wisdom can supplant knowledge.

Q62. India covers \_\_\_\_ of earth's land area. (approximate)

- (a) 2.8%
- (b) 2.4%
- (c) 2.0%
- (d) 3.2%

Q63. If  $a+2b=55$  and  $a-2b = -13$ , find the value of b.

- (a) 21
- (b) 14
- (c) 17
- (d) 19

Q64. An article was sold for Rs. 3,600 at a discount of 10%. Find the selling price if the discount was 15%.

- (a) Rs. 3,600
- (b) Rs. 4,000
- (c) Rs. 3,800
- (d) Rs. 3,400

Q65. Which one is considered as India's first supercomputer?

- (a) Aditya
- (b) Vikram-100
- (c) Param 8000
- (d) Shashtra T

Q66. Bangladesh has a land border with

- (a) only India
- (b) India and Myanmar
- (c) India and Bhutan
- (d) India and China

Q67. Rearrange the jumbled letters to make meaningful words and then select the one which is different.

- (a) DOGL
- (b) TSEVO
- (c) ENZROB
- (d) LVREIS

Q68. Select the alternative that has a different relationship as the given pair- Inside: Outside

- (a) Day : Night
- (b) Sun : Star
- (c) Light : Dark
- (d) White : Black

Q69. INSAT-3D the meteorological Satellite with advanced weather monitoring payloads was launched in

- (a) 2012
- (b) 2013
- (c) 2014
- (d) 2015

Q70. Verification of log-in name and password is for

- (a) Authenticating the user.
- (b) Re-confirming the user.
- (c) Providing formal access to the user.
- (d) Completing the formality of login-in.

Q71. Find the odd statement out in relation to a triangle.

- (a) The longest side is opposite to the greatest angle.
- (b) Exterior angle of a triangle = the sum of interior opposite angles.
- (c) The sum of any 2 sides is greater than the 3<sup>rd</sup> side.
- (d) The square of one side = the sum of the squares of other two sides

Q72.  $99 \times 99 = ?$

- (a) 9791
- (b) 9801
- (c) 9881
- (d) 9901

Q73. If  $\cot 52^\circ = b$ ,  $\tan 38^\circ = ?$

- (a)  $\sqrt{b}$
- (b)  $\sqrt{b/2}$
- (c)  $-b$
- (d)  $b$

Q74. Infra-red rays are

- (a) Longitudinal waves
- (b) Transverse waves
- (c) Mechanical waves
- (d) Electromagnetic waves

Q75. Statements followed by some conclusions are given below.

Statement:

1. God has distributed time equally to mankind but not money.
2. But God has compensated by giving commonsense.

Conclusions:

- I. God has not done justice to mankind in distributing money.

II. One has to use commonsense to manage money wisely.

Find which of the given conclusions logically follows from the given statements.

- (a) Only conclusion I follows.
- (b) Only conclusion II follows.
- (c) Both I and II follow.
- (d) Neither I nor II follows.

Q76. A compiler is a

- (a) Hardware
- (b) Software
- (c) Neither Hardware nor Software
- (d) Card

Q77. Tashkent Declaration followed Indo-Pak war of

- (a) 1947
- (b) 1965
- (c) 1971
- (d) 1999

Q78. The sum of the ages of 4 children born at the intervals of 4 years is 48. Find the age of the youngest child.

- (a) 4 years
- (b) 5 years
- (c) 6 years
- (d) 7 years

Q79. The product of two numbers is 24 and the sum of their squares is 52. Find their sum.

- (a) 5
- (b) 10
- (c) 15
- (d) 20

Q80. The ratio of two numbers is 3:1 and their sum is 72. Find the difference between the numbers.

- (a) 24
- (b) 36
- (c) 32
- (d) 28

Directions (81 - 83) Consider the following information and answer questions based on it.

P, Q, R, S are four friends who pursue teaching, law, banking, cooking and own red, blue, white and yellow house, in a random order. An individual owns only one house and pursues only one profession.

1. P owns a red house and is not a banker.
2. The owner of blue house is a lawyer.
3. The colour of S's house is neither yellow nor white.
4. R is a teacher.

Q81. The owner of the blue house is

- (a) S
- (b) R
- (c) Q
- (d) Cannot be determined

Comprehension : Consider the following information and answer questions based on it.

P, Q, R, S are four friends who pursue teaching, law, banking, cooking and own red, blue, white and yellow house, in a random order. An individual owns only one house and pursues only one profession.

1. P owns a red house and is not a banker.
2. The owner of blue house is a lawyer.
3. The colour of S's house is neither yellow nor white.
4. R is a teacher.

5.  
Q82. Q is a

- (a) Lawyer
- (b) Banker
- (c) Cook
- (d) Teacher

Q83. White house is owned by

- (a) Q
- (b) R
- (c) S
- (d) Cannot be determined

Q84. Which river does not flow into the Arabian Sea?

- (a) Narmada
- (b) Tapti
- (c) Periyar
- (d) Mahanadi

Q85. Name the Chinese President who visited India in 2015.

- (a) Xi Jinping
- (b) Hu Jintao
- (c) Jiang Zemin
- (d) Li Xian Ning

Directions (86 - 88): The following table represents the marks of four students in five subjects.

	Physics	Chemistry	Maths	History	Geography
Shyam	45	50	49	51	65
Sunil	60	55	60	59	61
Jagdish	35	41	39	30	45
Rajesh	50	55	51	57	62

Consider the information and answer questions based on it.

Q86. The difference between the total marks scored by Sunil and Jagdish is

- (a) 190
- (b) 125
- (c) 105
- (d) 115

Q87. Who has the highest marks in History and Geography put together?

- (a) Shyam
- (b) Sunil
- (c) Jagdish
- (d) Rajesh

Q88. Who has the highest average marks?

- (a) Shyam
- (b) Sunil
- (c) Jagdish
- (d) Rajesh

Q89. 'Khajuraho' group of monuments can be found in'

- (a) Maharashtra
- (b) Bihar
- (c) Madhya Pradesh
- (d) Gujarat

Q90. Stainless steel is

- (a) A compound.
- (b) A mixture.
- (c) An element.
- (d) An alloy.

Q91. Human respiration releases

- (a) Mixture of gases
- (b) Carbon monoxide
- (c) Oxygen
- (d) Carbon dioxide

Q92. Statue of Liberty is situated in

- (a) Paris
- (b) Washington
- (c) Geneva
- (d) New York

Q93. The historic Conference of Parties (COP 21) 2015, on climate change was held in

- (a) Geneva
- (b) Davos
- (c) Paris
- (d) Bonn

Q94. Usually, colour blindness is

- (a) A genetic disposition.
- (b) A non-genetic condition.
- (c) A lifestyle disease.
- (d) Caused by exposure to light.



Q95. What will happen to a person's weight when he is in a moving elevator?

- (a) Increase
- (b) Decrease
- (c) Weight will not change
- (d) May increase or decrease

Q96. Rajya Sabha is also known as

- (a) Legislative Council
- (b) Senior House
- (c) Upper House
- (d) Lower House

Q97. Which one does not belong to the group?

- (a) Panda Global
- (b) Rabbit
- (c) Avast
- (d) Kaspersky

Q98. Which country won the U-19 World cup Cricket 2016?

- (a) India
- (b) Sri Lanka
- (c) West Indies
- (d) Bangladesh

Q99. Find the mean of the values: 1, 9, 7, 3, 5, 5, 6, 4, 2, 8

- (a) 3
- (b) 4
- (c) 5
- (d) 6

Q100. At what percentage simple interest per annum a certain sum will double in 10 years?

- (a) 7%
- (b) 8%
- (c) 9%
- (d) 10%

