

1. Total monthly income of two persons is Rs. 7500. They spend 80% and 50% of their incomes respectively. If the ratio of their monthly savings is 3:4, what are their monthly incomes ?

- (1) 5000, 2500
(2) 4000, 3500
(3) 5000, 2000
(4) 4500, 3000

2. A man can row upstream at 24 km/hr and downstream at 32 km/hr. Find the man's speed in still water in km/hr.

- (1) 19 (2) 14
(3) 17 (4) 18

3. The difference of simple interest of Rs. 1200 for 5 years and that of Rs. 800 for 4 years at same rate is Rs. 20. The rate percent per annum is -

- (1) 2.5 (2) 5
(3) 6 (4) 10

4. A exceeds B by 20% and B is less than C by 20%. Then A : C is -

- (1) 26 : 25 (2) 26 : 28
(3) 5 : 3 (4) 3 : 1

5. If there be a loss of 20% on cost price, the rate of loss calculated on selling price would be -

- (1) 15% (2) 25%
(3) 20% (4) 30%

6. The value of $\frac{\frac{2}{3} \times 3}{\left(\frac{2}{6} - \frac{3}{5} \div \frac{1}{4}\right)}$

- (1) 2 (2) 1
(3) $\frac{1}{2}$ (4) $\frac{2}{3}$

7. Two three digit numbers have their H.C.F.(Highest Common Factor) 24 and L.C.M.(Lowest Common Multiple) 4147. The sum of the numbers is -

- (1) 900 (2) 950
(3) 999 (4) 999

8. In a school, 80% of the students passed in English, 55% in Mathematics and 40% passed in both the subjects in the last annual examination. If 50 students failed in both the subjects, find the total number of examinees in the school.

- (1) 12 (2) 90
(3) 100 (4) 90

9. In a camp of 4,000 men there was provision for food for 100 days. After 30 days 600 men went away to other place. How many days will the rest of food provide for the remaining men?

- (1) 100 (2) 160
(3) 200 (4) 220

10. In a certain type of brass, 25% is zinc and rest is copper. How much copper is present in 254 kg of this quality of brass?

- (1) 108 kg (2) 200 kg
(3) 60 kg (4) 132 kg

11. Out of 3,500 villagers in a village, the ratio of number of adults to the number of minors is 7:2. Find the number of adults in the village.

- (1) 2500
(2) 1000
(3) 2550
(4) 2600

12. How many seconds a caravan 120 metres long passing at the rate of 10 m/s will take to pass a standing boy.

- (1) 10 (2) 12
(3) 11 (4) 14

13. The number 72 is divided into two parts such that 20% of one part is equal to 25% of the other part. Find the two parts.

- (1) 40, 32 (2) 50, 22
(3) 48, 24 (4) 60, 12

14. 15 labourers can plough 18 bighas of land in 5 days. If 10 labourers work for 10 days, then how much land will be ploughed ?

- (1) 20bighas (2) 12bighas
(3) 18bighas (4) 24bighas

15. The average of 20 results is 10. The average of first 12 of them is 14 and that of last 12 is 17. The thirteenth result is -

- (1) 28 (2) 78
(3) 72 (4) 82

16. P can do a piece of work in 20 days and Q in 40 days. P begins the work and thereafter they work alternately on one on each day. On which day will the work be completed ?

- (1) 24th day (2) 25th day
(3) 26th day (4) 27th day

17. What is the least number which when increased by 5 is divisible by 36, 45, 51 and 57?

- (1) 1000 (2) 1030
(3) 1015 (4) 1018

18. The sum of the present ages of father and his son is 68 years. Ten years ago the ratio of their ages was 7:2. What will be the ratio of their ages ten years hence ?

- (1) 13:6 (2) 11:5
(3) 11:5 (4) 12:7

19. What principal will amount to Rs. 747 in 4 years at the rate of 11% per annum?

- (1) 500 (2) 625
(3) 450 (4) 600

20. A boy was asked to multiply a number by 12. By mistake, he multiplied the number by 21 and got his answer 63 more than the correct answer. The number to be multiplied was -

- (1) 7 (2) 9
(3) 8 (4) 12

21. In a certain code, RAN is written as 51 and PAT is coded as 28; what will be the code of PAV in the same code?

- (1) 30 (2) 37
(3) 39 (4) 41

22. If 'ground' is coded as 'baard', then how will you code 'tree'?

- (1) gear (2) deep
(3) over (4) crop

23. A man starts from his office and goes 3 km East. Then he turns to the left and again walks for 3 km. Again he turns left and walks 3 km. At what distance is he from the starting point?

- (1) 3km (2) 4km
(3) 6km (4) 7km

24. The lowest number of 4 digits which is a perfect square is -

- (1) 1000 (2) 1024
(3) 1089 (4) 1296

25. In a queue at the bus stop, A is 7th from the front and B is 9th from the end. When they both exchange their positions, A becomes 11th from the beginning. How many people are there in the queue?

- (1) 20 (2) 19
(3) 18 (4) 21

Directions-(26-27) select the pair which is different from the others.

26. (1) Chair and Table
(2) Shirt and Trousers
(3) House and House
(4) Pen and Inkpot

27. (1) 21, 42 (2) 24, 48
(3) 37, 74 (4) 35, 35

28. In an examination, 70 percent of the students passed in writing, 55 percent in accountancy and 40 percent in both the subjects. If 42 students had failed in both the subjects, the total number of students passed at least in one subject is -

- (1) 300 (2) 250
(3) 225 (4) 370

29. Deepak is the brother of Nareesh and Suresh is the father of Deepak. Nareesh is

the daughter of Anu and Anu is the daughter of Nareesh. Who is the uncle of Nareesh?

- (1) Deepak (2) Nareesh
(3) Nareesh (4) None of these

30. 48 : 81 :: 64 : ?

- (1) 36 (2) 100
(3) 121 (4) 144

31. Chauri Chaura incident took place on -

- (1) February 5, 1932
(2) January 5, 1931
(3) March 5, 1933
(4) April 10, 1934

32. Rana Sangha was defeated by Babbar in 1527 in the battle of -

- (1) Panipat (2) Haldighat
(3) Chausa (4) Khajwara

33. Treaty of Saltillo took place in the year -

- (1) 1760 (2) 1788
(3) 1762 (4) 1783

34. 'Ramscharitmanas' was written by -

- (1) Tulsidas (2) Nandor
(3) Gunders (4) Kabir

35. The famous Bengali novel 'Father and Son' was written by -

- (1) Bankim Chandra Chattopadhyay
(2) Sarat Chandra Chattopadhyay
(3) Bibhut Bhushan Bandyopadhyay
(4) Rabindranath Tagore

36. Freedom fighters Bhagat Singh, Raghoo and Sukhdev were executed on -

- (1) 23rd August, 1931
(2) 23rd March, 1931
(3) 23rd March, 1931
(4) 29th March, 1931

37. The last powerful and significant Gupta king who defeated the Hunas was -

- (1) Kumaragupta
(2) Chandragupta II
(3) Mahagupta
(4) Siddhantagupta

38. Who founded 'Khudai Khidmatgar'?

- (1) Abul Kalam Azad
(2) Muhammad Barkatullah
(3) Hafeez Ahmad Khan
(4) Khwazidullah Haider Khan

(3) Hafeez Ahmad Khan

(4) Khwazidullah Haider Khan

39. Who was the American traveller to the Vijayanagar empire?

- (1) Nicolo di Conti
(2) Megasthenes
(3) Vasco da Gama
(4) Brunnato

40. Whose clarion call to the nation was 'Arise, Awake and Stop not till the goal is reached'?

- (1) Bal Gangadhar Tilak
(2) Bipinendra Saraswati
(3) Swami Vivekananda
(4) Surendra Chauth

41. Civil Disobedience Movement was started by Gandhiji in the year -

- (1) 1929 (2) 1930
(3) 1931 (4) 1932

42. Who was the British Prime Minister whose India achieved independence?

- (1) Ramsay MacDonald
(2) Winston Churchill
(3) Clement Attlee
(4) Stafford Cripps

43. Poona Pact (1931) was between Gandhiji and -

- (1) Vallabhbhai Patel
(2) Rajendra Prasad
(3) Lord Irwin
(4) B.R. Ambedkar

44. Satyashodhak Samaj was founded by -

- (1) Bal Gangadhar Tilak
(2) Jyotiba Phule
(3) Gopal Krishna Gokhale
(4) Govind Vallabh Pant

45. Who was the ninth Guru of the Sikhs?

- (1) Guru Ramdas
(2) Guru Govind Singh
(3) Guru Teg Bahadur
(4) Guru Arjanadas

46. Vasco da Gama set foot on the Indian soil in the year -

- (1) 1487 (2) 1488
(3) 1499 (4) 1498

47. Shivaji assumed the title 'Chhatrapati' in the year -

- (1) 1670 (2) 1672
(3) 1675 (4) 1674

46. Who was the proponent of *Drao-Bahr* ?
 (1) Shah Jahan
 (2) Jehangir
 (3) Humayun
 (4) Akbar
47. Which Indian national leader was popularly known as *Deshbandhu* ?
 (1) Mahatma Nehru
 (2) Chittaranjan Das
 (3) Surendranath Banerjee
 (4) Bal Gangadhar Tilak
48. Who was the writer of *Buddhacharita* ?
 (1) Vasudhara
 (2) Arvaghosha
 (3) Fa-hien
 (4) Visakhadatta
49. In which country is the volcanic mountain *Mt. Cotopaxi* situated ?
 (1) U.S.A. (2) Mexico
 (3) Italy (4) Ecuador
50. What is the special branch of Geology by which earthquakes is studied ?
 (1) Anthropology
 (2) Springs
 (3) Seismology
 (4) Earthology
51. Northern half of Western Ghats is known as :
 (1) Sahyadri
 (2) Malayadri
 (3) Nelpura
 (4) Nilgiri
52. Ramathambore wild life sanctuary is located in the state of :
 (1) Gujarat
 (2) Assam
 (3) Karnataka
 (4) Rajasthan
53. What type of mountain is the *Andes* ?
 (1) Block (2) Fold
 (3) Residual (4) Volcanic
54. The river which is known as *Sorrow of Bengal* is :
 (1) Mahanadi
 (2) Subarnarekha
 (3) Teesta
 (4) Damodar
55. The *Hwang Ho* plains in China is an example of:
 (1) Erosional Plains
 (2) Structural Plains
 (3) Coastal Plains
 (4) Depositional Plains
56. Which is the largest river of Peninsular India ?
 (1) The Krishna
 (2) The Kaveri
 (3) The Godavari
 (4) The Pennar
57. Tributary joining the Ganga from the south is:
 (1) Yamuna
 (2) Gomti
 (3) Tapi
 (4) Gomati
58. The plateau of Malwa in India is one of the examples of:
 (1) Piedmont Plateau
 (2) Continental Plateau
 (3) Intermontane Plateau
 (4) None of these
59. The atmospheric layer which reflects radio-waves is called :
 (1) Biosphere
 (2) Ionosphere
 (3) Stratosphere
 (4) Troposphere
60. Alloys like brass and bronze are examples of which kind of mixture ?
 (1) Solid in Solid
 (2) Solid in Liquid
 (3) Solid in Gas
 (4) Gas in Solid
61. Sulphur dioxide is an example of:
 (1) Acidic oxide
 (2) Basic oxide
 (3) Neutral oxide
 (4) Amphoteric oxide
62. The three primary colours are :
 (1) Blue, Green and Red
 (2) Blue, Yellow and Red
 (3) Yellow, Orange and Red
 (4) Violet, Indigo and Blue
63. The specific heat of water is :
 (1) Zero
 (2) Half
 (3) Three fourth
 (4) One
64. The reverberation of sound in a hall results due to continued :
 (1) Reflection
 (2) Interference
 (3) Diffraction
 (4) Absorption
65. In an electric kettle, water becomes hot by :
 (1) Conduction
 (2) Radiation
 (3) Moving particles
 (4) Convection
66. Galvanising is coating iron with :
 (1) Nickel
 (2) Zinc
 (3) Chromium
 (4) Copper
67. Among the following, the compound used as a fertilizer is :
 (1) Copper sulphate
 (2) Ammonium sulphate
 (3) Sodium sulphate
 (4) Aluminium sulphate
68. Deficiency of iron causes :
 (1) Nervous disorders
 (2) Heart diseases
 (3) Anaemia
 (4) Impairment of vision
69. The constituents of German Silver are :
 (1) Copper, Nickel, Tin
 (2) Copper and Silver
 (3) Copper, Nickel and Chromium
 (4) Copper, Nickel, Zinc
70. First organic compound prepared in the laboratory was :
 (1) Urea
 (2) Acetic acid
 (3) Ammonium sulphate
 (4) Calcium cyanide
71. An astronaut in an earth satellite will observe sky as :
 (1) Deep red (2) Sky blue
 (3) Deep blue (4) Black
72. The chemical name of common salt is :
 (1) Sodium chloride
 (2) Potassium chloride
 (3) Sodium carbonate
 (4) Potassium carbonate

78. Relative humidity is measured by :

- (1) Anemometer
- (2) Thermometer
- (3) Chronometer
- (4) Hygrometer

79. A non-renewable kind of pollution is :

- (1) Land pollution
- (2) Air pollution
- (3) Noise pollution
- (4) Water pollution

77. The chemical name of vitamin B is :

- (1) Riboflavin
- (2) Cobalamine
- (3) Ascorbic acid
- (4) Thiamin

76. The process by which solids are transformed directly into the vapour state is known as :

- (1) Desiccation
- (2) Sedimentation
- (3) Decantation
- (4) Sublimation

75. Temperature is measured by :

- (1) Anemometer
- (2) Thermometer
- (3) Spectrometer
- (4) Barometer

69. S.I. unit of heat is :

- (1) Faraday
- (2) Watt
- (3) Joule
- (4) Kelvin

81. Vice-President of India is elected by an electoral college consisting of

- (1) elected members of the Rajya Sabha
- (2) elected members of both Lok Sabha and Rajya Sabha
- (3) the members of the parliament and state legislatures
- (4) the members of both Houses of the Parliament

83. Capital of Peru is :

- (1) Brasilia
- (2) Montevideo
- (3) Lima
- (4) Asuncion

80. The highest court of appeal in India is :

- (1) Parliament
- (2) High Court
- (3) Supreme Court
- (4) Vidhan Sabha

84. The monetary unit of South Africa is :

- (1) Pound
- (2) Dollar
- (3) Rand
- (4) Rupee

85. Who has been appointed as Home Minister of India after the constitution of 16th Lok Sabha?

- (1) Arun Jaitley
- (2) Navi Chawla
- (3) Sushma Swaraj
- (4) Rajnath Singh

86. Which country is called the 'low country' of the earth ?

- (1) Spain
- (2) Holland
- (3) Italy
- (4) Hungary

87. Which article of the Constitution of India deals with the procedure of its amendment?

- (1) Article 360
- (2) Article 362
- (3) Article 368
- (4) Article 367

88. The largest desert in the world is :

- (1) Sahara
- (2) Gobi
- (3) Kalahari
- (4) Thar

89. Who has been awarded Dadasaheb Phalke Award in 2013 ?

- (1) Anant Singh
- (2) Lata Mangeshkar
- (3) Gulzar
- (4) Saumya Chatterjee

90. Who was the first Russian being who went to space?

- (1) Neil Armstrong
- (2) Yuri Gagarin
- (3) Kalush Sharma
- (4) Edwin Aldrin

91. Who has been awarded Indira Gandhi Peace Prize for 2013?

- (1) Angela Merkel
- (2) Dilma Rousseff
- (3) Sheikh Hasina
- (4) Hillary Clinton

92. River Po flows through :

- (1) Austria
- (2) Italy
- (3) Yugoslavia
- (4) France

93. Which among the following is not a SAARC country?

- (1) Myanmar
- (2) Bhutan
- (3) India
- (4) Maldives

94. The supreme command of the defence forces in India is vested in the :

- (1) President
- (2) Vice President
- (3) Prime Minister
- (4) Speaker of the Lok Sabha

90. Who has been awarded Nobel Prize in Literature in the year 2017 ?

- (1) Pablo Neruda
- (2) Omar Parnak
- (3) James Cofer
- (4) Alice Munro

96. As per 2011 census of India, which state has the highest population density ?

- (1) Bihar
- (2) West Bengal
- (3) Kerala
- (4) Uttar Pradesh

97. Surya Kiran VI is :

- (1) a temple
- (2) a treaty between U.S.A. and India
- (3) an army exercise between Nepal and India
- (4) a solar energy plant

98. Who administers oath of office to the Vice-President of India?

- (1) Chief Justice of India
- (2) President of India
- (3) Speaker of Lok Sabha
- (4) Prime Minister of India

99. Which film has been awarded Oscar Academy Award in 2014 in the category of Best Picture?

- (1) Blue Jasmine
- (2) 12 Years a Slave
- (3) Gravity
- (4) Frozen

100. Who is the author of the famous novel, 'One Hundred Years of Solitude'?

- (1) Pablo Neruda
- (2) Charles Dickens
- (3) V.S. Naipaul
- (4) Gabriel Garcia Marquez