

1.  $4.8 \times 1.8 \div 3.6 + 5.4$  of  $\frac{1}{9} - \frac{1}{5} =$   
(a) 3.4 (b) 2.8 (c) 1.2 (d) 3.2
2. What is the value of questions mark in  $\frac{6250}{\sqrt{?}} = 625$  ?  
(a) 100 (b) 95 (c) 110 (d) 105
3. If average of 'm' numbers is  $n^2$  and that of n numbers is  $m^2$ , then the average of  $(m+n)$  numbers is  
(a)  $(m-n)$  (b)  $mn$   
(c)  $(m+n)$  (d)  $m/n$
4. A train travels at 82.6 km/h. How many metres will it travel in 1.5 min?  
(a) 20.65 m (b) 206.5 m  
(c) 2065 m  
(d) None of the above
5.  $\sqrt{64009}$  is equal to  
(a) 803 (b) 363 (c) 253 (d) 347
6. The present age of a man is 5 times the age of his son. 5 yr ago, the age of the man was 10 times the age of his son at that time. How old is the man at present?  
(a) 45 yr (b) 48 yr (c) 49 yr (d) 52 yr
7. A 120 m long train takes 10 s to cross a man standing on a platform. The speed of the train is  
(a) 10 m/s (b) 12 m/s  
(c) 15 m/s (d) 20 m/s

8. Walking at  $7/8$  of its usual speed, a train is 10 min late. Find its usual time to cover the journey  
(a) 20 min (b) 70 min  
(c) 80 min (d) 45 min
9. Express  $\frac{3}{4}$  as rate per cent  
(a) 45% (b) 60% (c) 75% (d) 80%
10. If  $4a = 5b$  and  $8b = 9c$ , find  $a : b : c$   
(a) 21 : 36 : 38 (b) 32 : 24 : 56  
(c) 14 : 18 : 21 (d) 45 : 36 : 32
11. 65% of a number is 21 less than  $\frac{4}{5}$ th of that number. Find the number  
(a) 420 (b) 240 (c) 380 (d) 140
12. A chair is bought for ₹ 750 and sold at a loss of 6%. Find its selling price  
(a) ₹ 705 (b) ₹ 621  
(c) ₹ 801 (d) None of these
13. A and B starts a business by investing ₹ 100000 and ₹ 150000 respectively. Find the share of each out of a total profit of ₹ 24000  
(a) ₹ 11600, ₹ 12400  
(b) ₹ 9600, ₹ 14400  
(c) ₹ 8600, ₹ 15400  
(d) None of these
14. A sum of ₹ 391 has been divided between A, B and C in the ratio  $\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$   
Find the share of C

- (a) 180 (b) 153  
(c) 240 (d) None of these

15. A can do a piece of work in 8 days, which B alone can do in 10 days. In how many days both working together can do it?  
(a)  $2\frac{1}{8}$  days (b)  $4\frac{4}{9}$  days  
(c)  $5\frac{8}{11}$  days (d)  $6\frac{2}{9}$  days
16. A train leaves Delhi at 4 : 10 pm and reaches Aligarh at 7 : 25 pm. The average speed of the train is 40 km/h. What is the distance (in km) from Delhi to Aligarh?  
(a) 130 km (b) 140 km  
(c) 120 km (d) 150 km
17. If the mean of the following data is 13.5, then the value of  $p$  is  

x	5	10	p	20	25
f	10	10	10	2	8

  
(a) 15 (b) 150  
(c) 10 (d) None of these
18. A sum of money at simple interest doubles in 7 yr. It will become four times in  
(a) 90 yr (b) 18 yr (c) 38 yr (d) 21 yr
19. A cricket player scored the following runs in 11 one day matches 65, 30, 7, 60, 65, 65, 30, 28, 30, 15, 30. Find mode  
(a) 27 runs (b) 30 runs  
(c) 32 runs (d) 31 runs

20. If  $7 : 8 :: x : 24$ , then the value of  $x$  is  
(a) 20 (b) 21 (c) 20.5 (d) 21.6
21. A psychological test was conducted to know, the mental level of five children. As per the report of the psychologists, child A is less intelligent than B. Child C is less intelligent than D. Child B is less intelligent than child C and child A is more intelligent than E. Which one is the most intelligent?  
(a) A (b) B (c) C (d) D
22. Seven girls A, B, C, D, E, F and G are sitting in a row. C is sitting between A and D. E is sitting between F and G and B is sitting between D and F. If A and G are sitting at both ends, D is sitting between  
(a) B and E (b) C and B  
(c) C and E (d) A and B

**Directions (Q. Nos. 23-24)** Read the following information and answer the questions given below it.

'a' is the son of 'b'. 'd' is the son of b's sister 'c' and her daughter is 'e'. If 'f' is the maternal uncle of 'd', then

23. How many nephews does 'f' have?  
(a) Three (b) Two  
(c) One (d) None of these
24. How is 'a' related to 'd'?  
(a) Nephew (b) Cousin  
(c) Sister (d) Uncle
25. If 'a' means 'addition', 'b' means 'subtraction', 'c' means 'multiplication' and 'd' means 'division', then value of  $18c \ 14a \ 6b \ 16d \ 4$  will be  
(a) 1208 (b) 288 (c) 254 (d) 63
26. A certain number of horses and same number of men are going somewhere. Half of the men are riding on their horses and the remaining are walking on foot with the horses. If the number of legs on the ground be 80, the number of horses is  
(a) 16 (b) 14 (c) 18 (d) 20
27. Which of the following words cannot be formed from the letters of the word 'ADULTERATION'?  
(a) RETAIL (b) TOILET  
(c) RETURNING (d) RELATION
28. How many triangles are there in the given figure?

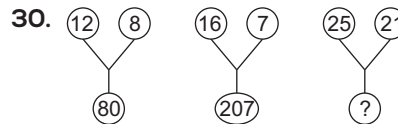


- (a) 10 (b) 6 (c) 8 (d) 11

29. Find the wrong number in the following number series  
25, 36, 49, 81, 121, 169, 225

- (a) 225 (b) 169  
(c) 49 (d) 36

**Direction (Q. No. 30)** What will come in place of question mark (?) in the following question?



- (a) 184 (b) 225  
(c) 250 (d) 130

31. Who is called the pioneer of liberalisation of Indian economy?  
(a) Dr. Manmohan Singh  
(b) PV Narshimha Rao  
(c) Dr. Primal Jalan  
(d) P Chidambaram
32. Who is called the 'Father of Modern Economics'?  
(a) Adam Smith (b) Marshall  
(c) Keynes (d) Robbins
33. When the price of the commodity falls, we can expect  
(a) the supply of it to increase  
(b) the demand for it to fall  
(c) the demand for it to stay constant  
(d) the demand for it to increase
34. What happens when an economy goes in the grip of recession?  
I. GDP growth slows down.  
II. People lose their jobs.  
III. Foreign exchange reserve goes up substantially as lot of loans/grants start pouring in.  
(a) Only I (b) Only II  
(c) Only III (d) I and II
35. The 'Law of demand' express  
(a) Effect of change in price of a commodity on its demand  
(b) Effect of change in demand of a commodity on its price  
(c) Effect of change in demand of a commodity over the supply of its substitute  
(d) None of the above
36. India has  
(a) socialistic economy  
(b) gandhian economy  
(c) mixed economy  
(d) free economy
37. The main occupation of the people of the Indus Valley civilisation was  
(a) agriculture (b) cattle rearing  
(c) hunting (d) trade

38. Which is the oldest Veda?  
(a) Sama Veda (b) Yajur Veda  
(c) Atharva Veda (d) Rig Veda
39. Who according to Jains, was the founder of jainism?  
(a) Rishabhanatha (b) Mahavira  
(c) Aristanemi (d) Parsavanatha
40. Lord Buddha was born in  
(a) Lumbini (b) Vaishali  
(c) Bodh Gaya (d) Patliputra
41. The term 'Grand Slam' is associated with which one of the following game?  
(a) Cricket (b) Swimming  
(c) Lawn Tennis (d) Badminton
42. Which of the following rulers belonged to slave dynasty?  
(a) Iltutmish  
(b) Humayun  
(c) Akbar  
(d) Ahmad Shah Abdali
43. Kabir was the disciple of  
(a) Chaitanya (b) Shankaracharya  
(c) Ramananda (d) Vallabhacharya
44. Madurai was the capital of  
(a) Cholas (b) Pallavas  
(c) Pandyas (d) Rashtrakutas
45. Which of the following planet is known as 'Morning Star'?  
(a) Mercury (b) Venus  
(c) Mars (d) Jupiter
46. Which of the following is a river flowing from Central India and joining Yamuna /Ganga?  
(a) Ghagra (b) Gomti  
(c) Kosi (d) Betwa
47. Latitude of South pole is  
(a)  $0^\circ$  (b)  $45^\circ$  (c)  $90^\circ$  (d)  $180^\circ$
48. The lowest layer of atmosphere is known as  
(a) stratosphere (b) ionosphere  
(c) troposphere (d) meosphere
49. The intensity of Earthquake is measured on  
(a) beaufort scale (b) richter scale  
(c) secant scale (d) mercalli scale
50. The 'Contra rebels' belong to  
(a) Argentina (b) Paraguay  
(c) Brazil (d) Nicaragua
51. Cuba is in  
(a) Pacific ocean (b) Atlantic ocean  
(c) Black sea (d) Red sea
52. Which of the following is essential for blood clotting?  
(a) RBC (b) WBC  
(c) Blood platelets (d) Lymphs

53. Insulin is secreted by  
(a) pituitary gland (b) liver  
(c) pancreas (d) parathyroid
54. Element that is found in blood is  
(a) iron (b) copper  
(c) chromium (d) magnesium
55. The population of which of the following is maximum on the Earth?  
(a) Reptiles (b) Fishes  
(c) Pigeon (d) *Homo sapiens*
56. The largest flower in the world is that of  
(a) lotus (b) *Rafflesia*  
(c) giant cactus (d) None of these
57. Which of the following is a scalar quantity?  
(a) Electric current  
(b) Electric field  
(c) Acceleration  
(d) Linear momentum
58. Earliest thermometer was developed by  
(a) Celsius (b) Fahrenheit  
(c) Kelvin (d) Galileo
59. When air is saturated, it cannot hold  
(a) more water vapour  
(b) more air  
(c) more CO<sub>2</sub>  
(d) more O<sub>2</sub>
60. The SI unit of mechanical equivalent of heat is  
(a) joules-calorie (b) joules/calories  
(c) calories-ergs (d) ergs/calories
61. The change of a solid into vapour directly is called  
(a) vaporization (b) freezing  
(c) melting (d) sublimation
62. An alloy is  
(a) a compound  
(b) an allotropic form  
(c) an isomer  
(d) a mixture
63. The compound which has covalent bond is  
(a) CsCl (b) CaO  
(c) N<sub>2</sub> (d) Na<sub>2</sub>O
64. The metal always found in free state  
(a) gold (b) sodium  
(c) silver (d) copper
65. HCl molecule contains  
(a) ionic bond (b) covalent bond  
(c) hydrogen bond (d) coordinate bond
66. The only liquid non-metal present in periodic table is  
(a) chlorine (b) mercury  
(c) bromine (d) fluorine
67. Durand Cup is associated with the game of  
(a) Football (b) Polo  
(c) Cricket (d) Hockey
68. Which of the following is the official language in Argentina?  
(a) Portuguese (b) French  
(c) Spanish (d) Dutch
69. Who among the following was an eminent painter?  
(a) Sarda Ukil (b) Uday Shankar  
(c) V Shantaram (d) Yusuf Meherally
70. Who has been chosen for 5th edition of Yash Chopra Memorial Award 2018?  
(a) Shah Rukh Khan  
(b) Amitabh Bachchan  
(c) Asha Bhosle  
(d) Lata Mangeshkar
71. Of the following, which one is the best insulator?  
(a) Wood (b) Cloth (c) Glass (d) Paper
72. The constitution names our country as  
(a) Bharat  
(b) India, that is Bharat  
(c) Hindustan  
(d) Aryavarta
73. The first state to become bifurcated after independence was  
(a) Bengal  
(b) Bombay (Mumbai)  
(c) Punjab  
(d) Assam
74. The Preamble to our constitution includes an except  
(a) adult franchise (b) equality of status  
(c) fraternity (d) justice
75. Right to equality before law is  
(a) civil right (b) economic right  
(c) social right (d) political right
76. Who presides over the meetings of the Rajya Sabha?  
(a) President (b) Vice President  
(c) Prime Minister (d) Speaker
77. Shiv Kumar Sharma is a famous player of  
(a) sitar (b) flute (c) tabla (d) santoor
78. Yamini Krishnamurti is an accomplished exponent of  
(a) kuchipudi (b) bharatnatyam  
(c) kathak (d) odissi
79. The Australia group was established to control the spread of which of the following?  
(a) Ballistic Missiles  
(b) Nuclear Weapons  
(c) Civil Wars  
(d) Chemical and Biological Weapons
80. Murugappa Gold Cup is related to which among the following sports?  
(a) Football  
(b) Hockey  
(c) Cricket  
(d) Table Tennis
81. Which Container Port has won the 2017 "Samudra Manthan - Caring Organisation of the Year" Football  
(a) Haldia Port  
(b) Kolkata Port  
(c) Jawaharlal Nehru Port Trust  
(d) Visakhapatnam Port
82. RK Nayyar was a distinguished personality in the field of  
(a) literature  
(b) classical music  
(c) film making  
(d) textile designing
83. The Chameli Devi Award is given to an outstanding woman who is  
(a) vocalist (b) lawyer  
(c) journalist (d) scientist
84. Who has won the greatest number of Oscars in his life time?  
(a) Ingrid Bergman (b) David Leon  
(c) Charlie Chaplin (d) Wall Disney
85. Dronacharya Award is given to  
(a) fire fighting operation  
(b) archery  
(c) significant contribution in the spread of literacy  
(d) outstanding coaching of athletics
86. Which country won the Under 19 Cricket World Cup 2018?  
(a) England (b) India  
(c) West Indies (d) Australia
87. How many players are there in a kabaddi team?  
(a) 7 (b) 11  
(c) 9 (d) 5
88. The famous novel 'Pride and Prejudice' is written by  
(a) RL Stevenson (b) George Eliot  
(c) Charles Dickens (d) Jane Austen
89. Who wrote the book 'Gandhi and Stalin'?  
(a) Rajmohan Gandhi  
(b) Nelson Mandela  
(c) Louis Fischer  
(d) Martin Luther
90. WWW stands for ?  
(a) World Whole Web  
(b) Wide World Web  
(c) Web World Wide  
(d) World Wide Web

- 91.** A Web page normally consists of  
(a) head and body  
(b) top and bottom  
(c) body and font  
(d) Body and title
- 92.** If a computer has more than one processor then it is known as ?  
(a) Uniprocess  
(b) Multiprocessor  
(c) Multithreaded  
(d) Multiprogramming
- 93.** Which type of tag used by HTML ?  
(a) tags only for image  
(b) user defined tags  
(c) tags only for linking  
(d) fixed tags defined by the language

- 94.** The blood is a slightly  
(a) alkaline fluid  
(b) acidic fluid  
(c) neutral fluid  
(d) None of the above
- 95.** The person with blood group AB is called  
(a) universal recipient  
(b) universal donor  
(c) Rh (+ive)  
(d) None of the above
- 96.** If an object of mass 1 Kg is subjected in a force of 1N, the object moves with  
(a) a speed of 1 m/s  
(b) a speed of 1 km/s  
(c) an acceleration of  $10 \text{ m/s}^2$   
(d) an acceleration of  $1 \text{ m/s}^2$

- 97.** Red Cross was founded by  
(a) J.H. Dunant      (b) Baden Powell  
(c) Trygve Lie      (d) Frederick Passey
- 98.** The Hundred Year War was fought between  
(a) France and Germany  
(b) Germany and Austria  
(c) France and England  
(d) England and Austria
- 99.** Eye is related to 'See', in the same way as Ear is to  
(a) Ring      (b) Sound  
(c) Hear      (d) Smell
- 100.** The first electric railway was opened in  
(a) 1853    (b) 1885    (c) 1905    (d) 1925