NUMERICAL ABILITY

Directions (26-35): **What should come in place of the question mark (>) in the following questions?**

26. $99 \div 9 + 0.5 = ?$

    1) 5.5   2) 11   3) 4.5

    4) 22   5) None of these

27. $8^{2.8} \times 64^{3.6} \div 512^{1.4} = 8?$

1) 5.8   2) 14.2   3) 8.6

4) 9.2   5) None of these

28. 24% of 550 − ? % lf 124 = 76.2

1) 45   2) 30   3) 50

4) 35   5) None of these

29. $24.5 \times 45.4 \times 2.5 = ?$

1) 2880.25   2) 2780.75   3) 2770.75

4) 2870.22   5) None of these

30. $326 \dfrac{1}{4} \div 9 = ?$

1) 64.5   2) 24.75   3) 36.25

4) 72.5   5) None of these

31. $2.5 \times ? = 824.2$

1) 333.86   2) 329.68   3) 337.46

4) 324.48   5) None of these

32. $416 \times 18 - 2288 = ?$

1) 5202   2) 5000   3) 5205

4) 5002   5) None of these

33. 54% of 675 = ?

1) 307.5   2) 346.5   3) 370.5

4) 364.5   5) None of these

34. $888.88 + 684.48 + 726.66 = ?$

1) 2230.02   2) 2030.02   3) 2003.02

4) 2302.02   5) None of these

35. $3960 \div (48 \times 2.5) = ?$

1) 206.25   2) 42   3) 33

4) 260.25   5) None of these

36. A Car covers a distance of 720 Kms. in 12 hours. What is the average speed of the Car?

1) 60 kmph   2) 40 kmph   3) 55 kmph

4) 75 kmph   5) None of these

37. The owner of a furniture shop charges his customer 18% more than the coast price. If a customer paid Rs. 10,207 for a dining table, then what was the original price of the dining table?

1) Rs. 9,240   2) Rs. 8,650   3) Rs. 9,840

4) Rs. 7,670   5) None of these

38. The average age of a man and his son is 30 years. The ratio of their ages is 4 : 1 respectively. What is the son's age?

1) 12 years   2) 14 years   3) 16 years

4) 24 years   5) None of these

39. What is the least number to be added to 2,400 to make it a perfect square?

1) 100   2) 191   3) 201

4) 96   5) None of these

40. What would be the compound interest obtain on a amount of Rs. 2,840 at the rate of 15 p.c.p.a after 2 years?

1) Rs. 905.5   2) Rs. 951.5   3) Rs. 928.9

4) Rs. 915.9   5) None of these

41. The product of two consecutive odd numbers is 2303. What is the greater number?

1) 45   2) 47   3) 51

4) 49   5) None of these

42. The difference between 31% of a number and 1.1% of the same number is 360. What is 23% of that number?

1) 426   2) 414   3) 306

4) 432   5) None of these

43. A canteen requires 22 dozen apples for seven days. How many dozen apples will it require for 336 days?

1) 1104   2) 1128   3) 1056

4) 1047   5) None of these

44. In an examination it is required to get 750 of the aggregate marks to pass. A student gets 700 Marks and is declared failed by 4% makrs. What are the maximum aggregate marks a student can get?

1) 1050   2) 1140   3) 1250

4) Can not be determined   5) None of these

45. The cost of 2 watches and 2 lockets is Rs. 10,800. What is the cost of 6 watches and 3 lockets?

1) Rs. 18,400   2) Rs. 15,850   3) Rs. 12,600

4) Cannot be determined   5) None of these

Directions (48-50): **Study the following table carefully and answer the questions that follow:**

Number of people (in hundreds) recruited by six. different organisations over the years.						
Organisation → year ↓	A	B	C	D	E	F
2004	1.8	2.1	1.5	1.9	2.1	2.6
2005	2.4	1.3	1.8	1.6	2.6	2.4
2006	1.3	2.4	1.9	2.3	2.8	2.7
2007	2.2	2.5	2.2	2.0	2.2	2.6
2008	2.1	1.6	2.4	1.8	2.4	1.4
2009	1.9	1.7	2.6	1.9	2.5	1.5

46. In which organisation did the number of people being recruited increase each year?

1) A   2) B   3) C

4) D   5) None of these

47. What is the respective ratio between the total number of people recruited by organisation A in the years 2008 and 2009 together to those recruited by organisation F in the years 2004 and 2005 together?

1) 7:6   2) 5:4   3) 6:7

4) 4:5   5) None of these

48. Number of people recruited by organisation E in the year 2007 is approximately what percent of the total number of people recruited by that organisation over all the years together?

1) 8   2) 15   3) 3

4) 25   5) 28

49. What is the total number of people recruited from all the organisations together in the year 2005?

1) 1990

2) 1230

3) 1240

4) 1200

5) None of these

50. What is the percent increase in the number of people recruited by organisation D in the year 2006 from the previous year?

1) 43.75

2) 38.25

3) 45.75

4) 46.25

5) None of these