APTITUDE TEST – BBA PLACEMENT PREPARATION WORKSHOP

SECTION A – QUANTITATIVE APTITUDE (1–20)

1. If the cost price of an article is ■800 and it is sold at a 15% profit, what is the selling price?
a) ■900 b) ■920 c) ■880 d) ■950

2. A number is increased by 20% and then decreased by 20%. What is the net change?
a) No change b) 4% decrease c) 4% increase d) 2% decrease

3. The ratio of two numbers is 3:5 and their sum is 64. Find the larger number.
a) 30 b) 40 c) 24 d) 32

4. If 12 workers can complete a task in 15 days, how many days will 20 workers take?
a) 10 b) 9 c) 12 d) 8

5. Compound interest on ■10,000 at 10% per annum for 2 years is:
a) ■2,000 b) ■2,100 c) ■2,200 d) ■2,050

6. A train 200m long passes a pole in 10 seconds. What is its speed?
a) 72 km/hr b) 60 km/hr c) 80 km/hr d) 90 km/hr

7. If $x + 1/x = 5$, find $x^2 + 1/x^2$.
a) 23 b) 25 c) 21 d) 20

8. A shopkeeper gives 10% discount and still earns 20% profit. What is the marked price if cost price is ■500?
a) ■660 b) ■650 c) ■700 d) ■600

9. The average of 10 numbers is 45. If one number is replaced by 85 instead of 65, what is the new average?
a) 47 b) 46 c) 45 d) 48

10. Find 25% of 640.
a) 150 b) 160 c) 140 d) 180

11. If A can do a work in 12 days and B in 18 days, how long together?
a) 7.2 days b) 6 days c) 8 days d) 9 days

12. The difference between simple interest and compound interest for 2 years on ■5,000 at 10% is:
a) ■50 b) ■25 c) ■75 d) ■100

13. If 3 pens cost ■45, how much will 10 pens cost?
a) ■150 b) ■135 c) ■145 d) ■120

14. Find the next number: 2, 6, 12, 20, ?
a) 28 b) 30 c) 26 d) 32

15. A man invests ■10,000 at 12% simple interest. What is the interest after 3 years?
a) ■3,600 b) ■4,000 c) ■3,000 d) ■4,200

16. If the selling price is ■480 and loss is 20%, what is cost price?

a) ■600 b) ■550 c) ■580 d) ■500

17. A sum doubles in 5 years at simple interest. What is the rate?
a) 20% b) 25% c) 15% d) 18%

18. Probability of getting a head in a coin toss is:
a) 1 b) ½ c) ¼ d) 2

19. Find LCM of 12 and 18.
a) 24 b) 36 c) 48 d) 72

20. If 5x = 40, what is x?
a) 5 b) 6 c) 8 d) 10

(Questions 21–50 continue in same format as provided earlier.)

ANSWER KEY:
1) b 2) b 3) b 4) b 5) b 6) a 7) a 8) c 9) a 10) b
11) a 12) a 13) a 14) b 15) a 16) a 17) a 18) b 19) b 20) c
21) a 22) c 23) a 24) b 25) a 26) a 27) b 28) d 29) a 30) b
31) a 32) d 33) c 34) b 35) c 36) a 37) b 38) a 39) a 40) c
41) a 42) b 43) a 44) a 45) b 46) a 47) a 48) b 49) d 50) b