JAGRAN

Josh
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Practice Question Set on Quantitative Aptitude
for SBI Clerk Exam 2012

Directions (Q.1-9): What should come in place of question mark (?) in the following questions?

1. -84 × 29 + 365 =?

(A) 2436

(B) 2801

(C) 2801

(D) 2071

(E) None of these

2. $(21.69)^2 - \sqrt{324}$ =?

(A) 440.4615

(B) 425.4561

(C) 452.4561

(D) 442.4651

(E) None of these

3. (800 ÷ 64) × (1296 ÷ 36) =?

(A) 420

(B) 460

(C) 500

(D) 540

(E) None of these

4. $(42 × 229) ÷ (9261)^{1/3}$ =?

(A) 452

(B) 448

(C) 458

(D) 456

(E) None of these

5. (35423 + 7104 + 41720) - (317 × 89) =?

(A) 28213

(B) 84307

(C) 50694

(D) 54096

(E) None of these

6. (9% of 386) × (6.5% of 144) =?

(A) 340.1664

(B) 325.1664

(C) 333.3333

(D) 328.0065

(E) None of these

7. 4 + 4.44 + 44.4 + 4.04 + 444 =?

(A) 500.88

(B) 577.2

(C) 495.22

(D) 472.88

(E) None of these

8. 3√? = (36 × 24) ÷ 9

(A) 884736

(B) 804036

(C) 854734

(D) 814736

(E) None of these

9. (43% of 2750) - (38% of 2990) =?

(A) 49.3

(B) 44.7

(C) 43.6

(D) 46.3

(E) None of these

Directions (Q.10-13): What should come in place of question mark (?) in the following number series?

10. 13 14 30 93 376 1885?

(A) 10818

(B) 10316

(C) 11316

(D) 11318

(E) None of these

11. 4 6 9 13.5 20.25 30.375?

(A) 40.25

(B) 45.5625

(C) 42.7525

(D) 48.5625

(E) None of these

12. 400 240 144 86.4 51.84 31.1 04?

(A) 19.2466

(B) 17.2244

(C) 16.8824

(D) 18.6624

(E) None of these

13. 9 4.5 4.5 6.75 13.5 33.75?

(A) 101.25

(B) 103.75

(C) 99.75

(D) 105.50

(E) None of these

14. The profit earned after selling an article for Rs 625 is the same as the loss incurred after selling the article for Rs 435. What is the cost price of the article?

(A) Rs 530

(B) Rs 520

(C) Rs 540

(D) Rs 550

(E) None of these

15. A sum of Rs 817 is divided among A, B and C such that 'A' receives 25% more than 'B' and 'B' receives 25% less than 'C'. What is A's share in the amount?

(A) Rs228

(B) Rs247

(C) Rs285

(D) Rs 304

(E) None of these

16. Ms Sujata invests 7% ie Rs 2170, of her monthly salary in mutual funds. Later she invests 18% of her monthly salary in recurring deposits. Also, she invests 6% of her salary on NSC's. What is the total annual amount in- vested by Ms Sujata?

(A) Rs 1, 25, 320

(B) Rs 1, 13, 520

(C) Rs 1, 35, 120

(D) Rs 1, 15, 320

(E) None of these

17. What is 30% of 40% of $\frac{2}{5}$ 2500?

(A) 500

(B) 400

(C) 360

(D) 120

(E) None of these

18. A, B, C and D are four consecutive even numbers respectively and their average is 65. What is the product of A and D?

(A) 3968

(B) 4216

(C) 4092

(D) 4352

(E) None of these

19. The sum of five numbers is 555. The average of the first two numbers is 75 and the third number is liS. What is the average of the last two numbers?

(A) 145

(B) 290

(C) 265

(D) 150

(E) None of these

20. A car covers the first 35 km of its journey in 45 minutes and the remaining 69 km in 75 minutes. What is the average speed of the car?

(A) 42 km/hr

(B) 50 km/hr

(C) 52 km/hr

(D) 60 km/hr

(E) None of these

21. In how many different ways can the letters of the word 'PRIDE' be arranged?

(A) 60

(B) 120

(C) 15

(D) 360

(E) None of these

22. The ages of Samir and Tanuj are in the ratio of 8:15 years respectively. After 9 years the ratio of their ages will be 11:18. What is the difference in years between their ages?

(A) 24 years

(B) 21 years

(C) 20 years

(D) 33 years

(E) None of these

Directions (Q.23-27): What approximate value should come in place of the question mark (?) in the following questions?

23. 724.998 + 24.048 + 14.954 =?

(A) 8

(B) 13

(C) 2

(D) 10

(E) 16

24. (848.999 + 274.052) ÷ 3.0054 =?

(A) 940

(B) 836

(C) 184

(D) 298

(E) 374

25. $3\sqrt{184900}$ =?

(A) 56

(B) 44

(C) 67

(D) 33

(E) 21

26. 18.5% of 425 + 16.2% of 388 =?

(A) 141

(B) 224

(C) 116

(D) 183

(E) 215

27. 18.345 × 19.068 × ? = 11538.93375

(A) 46

(B) 61

(C) 27

(D) 33

(E) 55

Directions (Q.28-32): In the following number series only one number is wrong. Find out the wrong number.

28. 529 841 961 1296 1681 1849 2209

(A) 1296

(B) 841

(C) 961

(D) 1681

(E) None of these

29. 13 14 27 45 68 109 177

(A) 27

(B) 109

(C) 45

(D) 68

(E) None of these

30. 14 22 34.5 55.5 87.25 13.875 209.125

(A) 55.5

(B) 34.5

(C) 135.875

(D) 87.25

(E) None of these

31. 274 301 426 769 1498 2824 5026

(A) 301

(B) 426

(C) 79

(D) 2824

(E) None of these

32. 4 28 160 990 6970 55832 502560

(A) 160

(B) 990

(C) 55832

(D) 6970

(E) None of these

Directions (Q.33-37): What's Would come in place of the question mark (?) in the following questions?

33. $8^{9.4} \times 4^{12.8} \times 64^{8.1} = 16$?

(A) 41.8

(B) 16.2

(C) 18.4

(D) 25.6

(E) None of these

34. 12% of 840 x 0.25% of 148 =?

(A) 37.296

(B) 101.17

(C) 68.432

(D) 97.046

(E) None of these

35. A shopkeeper sells 200 metres of cloth for Rs 9,000 at a profit of Rs 5 per metre. What is the cost price of 1metre of cloth?

(A) Rs 45

(B) Rs 40

(C) Rs 35

(D) Rs 30

(E) None of these

36. the area of a circle is.1386 sq cm. What is the circumference of the circle?

(A) 142cm

(B) 160cm

(C) 130cm

(D) 132 cm

(E) None of these

37. In a college a total number of 27 professors are appointed for all the faculties; viz Arts, Commerce and Science. If, equal number of professors are appointed for each of the faculties, how many professors are assigned to each faculty?

(A) 9

(B) 12

(C) 6

(D) 3

(E) None of these

38. Sridhar invests Rs 3,750 in shares, which is 25% of his monthly income. What is his monthly income?

(A) Rs 12,000

(B) Rs 15,000

(C) Rs 10,000

(D) Rs 16,000

(E) None of these

39. Find the average of the following set of scores.

302, 152, 132, 122, 112

(A) 184

(B) 165

(C) 152

(D) 176

(E) None of these

40. A bus covers a distance of 172 km in 4 hours. What is the speed of the bus?

(A) 52km/hr

(B) 47km/hr

(C) 43km/hr

(D) 38 km/hr

(E) None of these

41. The total number of students in a school is 4800, out of which 60% are girls. What is the total number of boys in this school?

(A) 1920

(B) 1934

(C) 1980

(D) 1910

(E) None of these

Directions (Q.42-43): Each question below is followed by two statements A and B. You are to determine whether the data given in the statement is sufficient to answer the question. You should use the data and your knowledge of Mathematics to choose between the possible answers.

Give answer (1) if the statement A alone is sufficient to answer the question, but the statement it alone not sufficient

Give answer 2) if the statement C alone is sufficien, to an we: the question, but the statement A alone is not sufficient.

Give answer 3) if both statements A and B together are needed to answer the question.

Give answer 4) if either the statement A alone or the statement B, alone IS sufficient to-answer the question.

Give answer 5) if you cannot get the answer from the statements A and B together, but need even more data.

42. How many women can complete a piece of work in 15 days?

A. 12 women can complete the same piece of work in 20 days.

B. 10 men can complete the same piece of work in 12 days.

43. What is the rate of interest p.c.p.a. on an amount of Rs 12,000/- deposited in a bank?

A. The difference between the simple interest and the compound interest is Rs 172.80.

B. The simple interest for two years is Rs2,880.

Directions (Q.44-48): What approximate value should come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value.)

44. (4576 + 3286 + 5639) ÷ (712 + 415 + 212) =?

(A) 18

(B) 22

(C) 34

(D) 10

(E) 46

45. 675.456 + 12.492 × 55.671 =?

(A) 971

(B) 1071

(C) 1171

(D) 1271

(E) 1371

46. (447.22) ^{2} =?

(A) 200000

(B) 210000

(C) 220000

(D) 230000

(E) 240000

47. 4374562 × 64 = ? × 7777

(A) 360

(B) 3600

(C) 36000

(D) 360000

(E) 3600000

48. (872% of 659) ÷ 543 =?

(A) 17

(B) 11

(C) 21

(D) 27

(E) 31

Directions (Q.49-53): What should come in place of question mark (?) in the following number series?

49. 5 9 18 34 59 95?

(A) 272

(B) 168

(C) 116

(D) 148

(E) 144

50. 1200 480 192 76.8 30.72 12.288?

(A) 4.9152

(B) 5.8192

(C) 6.7112

(D) 7.6132

(E) 8.5172

ANSWER SHEET

1	(D)		26	(B)
2	(C)		27	(E)
3	(E)		28	(B)
4	(C)		29	(A)
5	(E)		30	(D)
6	(B)		31	(A)
7	(B)		32	(C)
8	(A)		33	(E)
9	(A)		34	(D)
10	(D)		35	(D)
11	(C)		36	(D)
12	(B)		37	(A)
13	(D)		38	(B)
14	(A)		39	(D)
15	(A)		40	(D)
16	(C)		41	(E)
17	(D)		42	(C)
18	(D)		43	(E)
19	(B)		44	(C)
20	(A)		45	(A)
21	(C)		46	(B)
22	(C)		47	(D)
23	(D)		48	(E)
24	(C)		49	(A)
25	(E)		50	(C)