TestFreshers

FINAL MOCK JAAA27 - results

Aptitude percentage, DIRECTIONS, RATIOS, AVERAGE, PARTNERSHIP, NUMBER SYSTEM, SI & CI, CODING AND DECODING, BLOOD RELATIONS, TIME AND WORK, TIME SPEED & DISTANCE, PERMUTATION AND COMBINATION, PROBABILITY, PERCENTAGES, Divisibility, Problems On Trains, LCM & HCF, LCM & HCF with Ratio, Profit & Loss, PIPES & CISTERN, WORK & WAGES, Boats & Streams, Clocks, Blood Relation, Simple Interest, Coding Decoding, basics, Problems on Ages, Missing Number basics, DIRECTIONS, RATIOS, AVERAGE, PARTNERSHIP, NUMBER SYSTEM, SI & CI, CODING AND DECODING, BLOOD RELATIONS, TIME AND WORK, TIME SPEED & DISTANCE, PERMUTATION AND COMBINATION, PROBABILITY, PERCENTAGES, APTITUDE, divisibility, PERCENTAGE, APTITUDE, Problems On Trains, LCM & HCF, LCM HCF with Ratio, Profit & Loss, PIPES & CISTERN, WORK & WAGES, Boats & Streams, Clocks, Blood Relation, SI, Coding Decoding, Unit Digits, Divisibility, Number System, profit loss, Ages, Missing Numbers

1. Score: 0   ✕ FAIL

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1. A cistern is normally filled in 8 hours but takes two hours longer to fill because of a leak in its bottom. If the cistern is full, the leak will empty it in? ₀

- 40 hrs ✓
- 16 hrs 👤
- 20 hrs
- 25 hrs

2. A motorboat travels 16 km in 2 hours against the flow of river and travels next 8 km along the flow of the river in 20 minutes. How long will it take motorboat to travel 48 km in still water?

- 2.5 hours
- 3.5 hours
- 4 hours

3. The average of 50 numbers is 38. If two numbers 45 and 55 are discarded, the average of the remaining set of numbers is

- 37.5 ✓
- 38.5
- 37.0
- 36.5

4. How many words can be formed each of 2 vowels and 3 consonants from the letters of the given word – DAUGHTER?

- 3600 ✓
- 2400
- 1600
- 30

5. A and B together can complete a particular task in 4 days. If A alone can complete the same task in 12 days. How many days will B take to complete the task if he works alone?

- 9 days
- 7 days
- 6 days ✓
- 5 days

6. Ramesh bought a bike for Rs. 84060 and sold it to Suresh. If Ramesh earned a profit of 20%, find the selling price of bike.

- 100872 ✓
- 92466
- 16812
- none of these

7. A train passes two bridges of lengths 800 m and 400 m in 100 seconds and 60 seconds respectively. The length of the train is:

- 200 ✓
- 160
- 150
- None of these

8. By selling a property for Rs 45000 a person incurs a loss of 10%. Find the selling price to gain the profit of 15 %?

- 57500 ✓
- 58000
- 55000
- 60000

9. Successive discounts of 10% and 30% are equivalent to a single discount of :

- 37 ✓

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- 23

- 63

10. Jammu Express is 1.2 km long and is running along the Kerala express at speed of 80km/hr. Kerala express is 2/3rd the length of Jammu express and runs at 60 km/hr. How much time will it take for Jammu express to overtake the Kerala express?

- 6 minutes ✓

- 12 minutes

- 3 minutes

- 8 minutes

11. The average weight of 36 men is 50 kg. It was found later that the figure of 37 kg was misread as 73 kg. What is the correct average?

- 49 kg ✓

- 51 kg

- 50.5 kg

- None of these

12. 5600 is to be divided into A, B, C, and D in such a way that the ratio of share of A: B is 1: 2, B: C is 3: 1, and C: D is 2: 3. Find the sum of (A and C) and (B and C).

- Rs 2000, Rs 3200 ✓

- Rs 2400, Rs 3200

- Rs 2000, Rs 3000

- Rs 2400, Rs 3000

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13. A train passes a telegraph post in 8 seconds and a 264 m long bridge in 20 seconds. What is the length of the train

- 176 m ✓
- 180 m
- 164 m
- 158 m

14. A, B and C can do a work in 6, 8 and 12 days respectively. Doing that work together they get an amount of Rs 1350. What is the share of B in that amount?

- 450 ✓
- 850
- 900
- None of these

15. Deepak walked 20 m towards the South. Then he turned to his left and walked 15 m. He again turned to his left and walked 20 m. Finally, he turned to his right and walked 10m. How far and in which direction is he from the starting point?

- 25 m East ✓
- 25 m North
- 15 m North
- 15 m East

16. A man can swim in still water at 8 km/hr. If the river is flowing at

- 5 km ✓
- 4.5 km
- 3 km
- 4 km

17. Which of the following statements are correct? I. All the whole numbers are Integers II. All the positive integers are natural numbers III. All the integers are whole numbers IV. 0 is a natural number

- Only I & II are correct. ✓
- All are not correct
- Only II & III are correct.
- Only II & IV are correct.

18. Unit Digit

- 3 ✓
- 7
- 6
- 1

19. In how many ways can three consonants and two vowels be selected from the letters of the word "FASHION"?

- 12 ✓
- 20
- 40

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20. A + B means A is the father of B, A - B means A is the wife of B, A x B means A is the brother of B, A / B means A is the daughter of B. If P / R + S + Q, which of the following is true ?

- P is the aunt of Q ✓
- P is the daughter of Q
- Q is the aunt of P
- P is the mother of Q

21. From a group of 7 men and 6 women, five persons are to be selected to form a committee so that at least 3 men are there on the committee. In how many ways can it be done?

- 756 ✓
- 659
- 425
- 360

22. If in a certain code, SWITCH is written as TVJSDG, which word would be written as CQFZE?

- BARED
- BRAED
- BREAD ✓
- BRADE

23. At what time between 5 and 6 pm will the hands of a clock be coincident?

- 21(8/11) min past 5
- 27(3/11) min past 5   ☑
- 32(8/11) min past 6

24. 859859 is divisible by

- 7
- 13
- 11
- All the above   ☑

25. 6 women can complete a piece of work in 10 days, whereas 10 children alone take 15 days to complete the same piece of work. How many days will 6 women and 10 children together take to complete the piece of work?

- 6   ☑
- 4
- 5
- None of these

26. Look at the series, 46, 44, 40, 38, 34, _, which number should come next?

- 32   ☑
- 30
- 26
- 36

27. In certain language, CHAMPION is coded as HCMAIPNO, how is NEGATIVE coded in that code ?

- ENAGITEV ☑
- NEAGVEIT
- MGAETVIE
- EGAITEVN

28. A worker suffers a 20% cut in his wages. He may regain his original wages by obtaining a rise of

- 25% ☑
- 20%
- 24%
- None of these

29. What is the unit digit of

- 0 ☑
- 1
- 2
- 3

30. simplification

- 4 ☑
- 8

- 6

31. A man can do a work in 10 days. With the help of a boy he can do the same work in 6 days. If they get Rs. 50 for the work, what is the share of the boy?

- 30

- 60

- 20 ☑

- None of the above

32. P = 1,50,000 R = 15% p.a. T = 3 years What is the difference between Simple and Compound Interest?

- 10631.25 ☑

- 18325.5

- 16548.75

- 12654.35

33. The H.C.F. and L.C.M. of two numbers are 21 and 84 respectively. If the ratio the two numbers is 1 : 4, then the larger of the two numbers is

- 84 ☑

- 21

- 12

- 108

34. A can finish a work in 10 days, B can finish the same work in 15 days, and C can finish it in 30 days. All three start working together, but after 2 days A leaves the job, then after one day B also left the job. C completes the remaining job in how many days?

- 15 days ☑
- 12 days
- 17 days
- None of these

35. Two dice are tossed. The probability that the total score is a prime number is:

- 5/12 ☑
- 7/12
- 2/3
- 4/9

36. A man goes from A to B at a speed of 20 kmph and comes back to A at a speed of 30 kmph. Find his average speed for the entire journey?

- 24 kmph ☑
- 20 kmph
- 28 kmph
- 32 kmph

37. A: B is 1: 2; B: C is 3: 2 and C: D is 1:3. Find A: B: C: D.

- 2: 3: 5: 7
- 3: 5: 7: 6
- 2: 1: 6: 13

38. Three unbiased coins are tossed. What is the probability of getting at most two heads?

- 7/8 ✓
- 3/8
- 1/8
- Nonr of these

39. An athlete runs 200 metres race in 24 seconds. His speed (in km/hr) is:

- 30 ✓
- 45
- 80
- 65

40. Six years ago the ratio of the ages of Arun and Arvind was 6: 5. After four years the ratio of their ages will be 11: 10. What is Arvind's present age?

- 16 ✓
- 17
- 15
- 20

41. Four bells ring at intervals of 4, 6, 8 and 14 seconds. They start ringing simultaneously at 12.00 O'clock. At what time will they again ring simultaneously ?

- 12 hrs. 2 min. 48 sec. ✓
- 12 hrs. 3 min. 20 sec.
- 12 hrs. 3 min.
- 12 hrs. 3 min. 40 sec.

42. A sum of Rs. 1600 gives a simple interest of Rs. 252 in 2 year and 3 months. The rate of interest per annum is :

- 8%
- 7 % ✓
- 6 %
- 3 %

43. Peter is facing north. He turns to his right and walks 20 m and then turns to his left and walks 25 m. He then walks 25 m to his right. Next, he walks 50 m to his right. Finally, he turns to his right and walks 30 m. In which direction is he from the starting point?

- South-East ✓
- South
- South-West
- West

44. Certain amount is tripled itself in 12 years. What is the Rate of

- 16 2/3 % ✓
- 18 1/4 %
- 14.25 %
- 16.36%

45. Geeta walks 20 m towards north then she walks 12 m towards the South. Now, she walks 6 m towards east. How far and in which direction is she from the starting point?

- 10 m North-East ✓
- 10 m North
- 10 m South
- 6 m South-West

46. A, B, C enter into a partnership investing Rs.35,000, Rs.45,000 and Rs.55,000 respectively. The respective shares of A, B, C in an annual profit of Rs.40,500 are

- Rs. 10,500, Rs. 13,500, Rs. 16,500 ✓
- Rs. 11,000, Rs. 14,000, Rs. 15,500
- Rs. 11,500, Rs. 13,000, Rs. 16,000
- Rs. 11,500, Rs. 12,500, Rs. 16,500

47. An accurate clock shows 7 a.m. Through how many degrees will the hour hand rotate when the clock shows 1 p.m.?

- 180° ✓
- 160°

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- 170°

48. If a train crosses a pole in 12 seconds while travelling at a speed of 45km/hr, then in how much time will the train cross a bridge of length 600m at same speed?

- 60 seconds ✓
- 1 minute 20 seconds
- 40 seconds
- 45 seconds

49. How many times do the hands of a clock coincide in a day?

- 22 ✓
- 24
- 11
- 12

50. One card is drawn at random from a pack of 52 cards. What is the probability that the card drawn is a face card

- 3/13 ✓
- 4/13
- 5/13
- 8/13

51. Pointing towards a person a man said to a woman "His mother is

- Daughter
- Sister
- Mother ☑
- Wife

52. Two pipes A and B can fill a cistern in 20 and 30 minutes respectively, and a third pipe C can empty it in 40 minutes. How long will it take to fill the cistern if all the 3 pipes are opened at the same time?

- 17 1/7 mins ☑
- 7 1/7 mins.
- 15 1/7 mins.
- 19 1/7 mins.

53. The ratio of the ages of Seeta and Geeta is 2:7. After 6 years, the ratio of their ages will be 1:2. What is the difference in their present ages?

- 10 years ☑
- 12 years
- 8 years
- 7 years

54. A man buys a cycle for 1400 and sells it at a loss of 15%. What is the selling price of the cycle?

- 1190 ☑

- 1000

- 1140

55. In a business, A and C invested amounts in the ratio 2 : 1, whereas the ratio between amounts invested by A and B was 3 : 2. If Rs.1,57,300 was their profit, how much amount did B receive?

- Rs. 48,400 [✓]

- Rs. 24,200

- Rs. 36,300

- Rs. 72,000

56. A train starts from a place A at 6 a.m. and arrives at another place B at 4.30 p.m. on the same day. If the speed of the train is 40 km per hour, find the distance travelled by the train?

- 420 [✓]

- 360

- 480

- 210

57. Three tankers contain 403 litres, 434 litres, 465 litres of diesel respectively. Then the maximum capacity of a container that can measure the diesel of the three containers exact number of times is

- 31 [✓]

- 62

- 41

58. Which of the following statements are correct? I. 859647 is divisible by 11 II. 601748 is divisible by 7 III. 595166 is divisible by 13 IV. 596208 is divisible by 19

- Only II & IV are correct.

- Only I & III are correct.

- Only II & III are correct ✓

- All are not correct

59. How many 4-letter words with or without meaning, can be formed out of the letters of the word, 'LOGARITHMS', if repetition of letters is not allowed?

- 5040 ✓

- 4560

- 504

- 6500

60. Simran started a software business by investing Rs.50,000. After six months, Nanda joined her with a capital of Rs.80,000. After 3 years, they earned a profit of Rs.24,500. What was Simran's share in the profit?

0

- Rs. 10500 ✓

- Rs. 10,250

- Rs. 12,500

- Rs. 14,000 👤