

Aptitude test week 3

Total points 22/30 ?

Questions:30

Time:45Minutes

Email *

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Enter your name *

Devi Dinesh

Enter 12 digit Roll Number *

220340320036

Enter center *

KH

✓ 1. In simple interest what sum amounts to Rs.1092/- in 4 years and Rs.1170/- in 5 years ?

1/1

☐ ₹570☐ ₹670☒ ₹780☐ ₹920

✗ 2. simple interest amount of Rs 5500 for three months is Rs 137.5 .what is the annual rate of interest? 0/1

☐ 10%

☐ 6%

☒ 8%

☐ 9%

✗

Correct answer

☒ 10%

✓ 3. How much time will it take for an amount of Rs. 900 to yield Rs. 162 as interest at 3% per annum of simple interest? 1/1

☐ 4.5 years

☐ 5 years

☐ 5.5 years

☒ 6 years

✓



✓ 4. Kirtee took a loan of Rs. 1000 with simple interest for as many years as the rate of interest. If she paid Rs. 1000 as interest at the end of the loan period, what was the rate of interest? 1/1

- ☐ 6.6
- ☒ 10
- ☐ 12.80
- ☐ can not be determined
- ☐ none of these



✓ 5. In how many years will a sum triple itself at 12.5%p.a. simple interest ? 1/1

- ☐ 6
- ☐ 8
- ☐ 10
- ☒ 16



✓ 6. Krishna earns simple interest of Rs. 1245 after 3 years. Had the interest been 8% more, how much more interest would he have earned? 1/1

- ☐ Rs. 35
- ☐ Rs. 245
- ☐ Rs. 350
- ☒ Cannot be determined
- ☐ None of these



✓ 7. What will be the ratio of simple interest earned by certain amount at the same rate of interest for 3 years and that for 6 years? 1/1

- ☒ 1 : 2
- ☐ 1 : 4
- ☐ 2 : 3
- ☐ Data inadequate
- ☐ None of these



✓ 8. A sum of Rs. 1000 is lent in the beginning of a year at a certain rate of interest. After 8 months, a sum of Rs. 400 more is lent but at the rate twice the former. At the end of the year, Rs. 80 is earned as interest from both the loans. What was the original rate of interest? 1/1

- ☐ 3.60%
- ☐ 4.55%
- ☐ 5.80%
- ☒ 6.32%
- ☐ None of these



✗ Questions 9 to 12:

0/1

Ten persons are sitting in two parallel rows containing five persons in each row, in such a way that there is an equal distance between adjacent persons. In row-1 S, T, U, V and W are seated and all of them are facing South. In row-2 A, B, C, D and E are seated and all of them are facing North. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

Two persons sits between A and E. W sits second to the right of V, who faces D. U sits at one of the extreme ends. E and B are immediate neighbours. E faces U. T faces the one who sits at immediate left of the one who sits at extreme end .C is not sitting in the middle of the row.

9. Who is seating opposite to T ?

- ☐ D
- ☒ C
- ☐ B
- ☐ none of these

✗

Correct answer

- ☒ B

✗ 10. Choose the correct pair Seating at extreme end ?

0/1

- ☐ U-V
- ☒ E-D
- ☐ C-E
- ☐ none of these

✗

Correct answer

- ☒ C-E



✓ 11. . Who is seating immediate left of V ?

1/1

- ☐ V
- ☒ T
- ☐ W
- ☐ none of these



✗ 12. Who is seating immediate right of A ?

0/1

- ☐ B
- ☐ C
- ☐ E
- ☐ none of these



✓ QUESTION 13 TO 15

1/1

Eight persons are sitting in a square table but not necessarily in same order. Four of them sit at corners of the square and they face inside and four sits at middle of the sides of square and they face outside.

U sits 2nd to the right of V, who is not an immediate neighbour of W. Three persons sit between W and T who is an immediate neighbour of U. X sits 3rd to the right of Y, who faces V. Z faces the person who sits immediate right of S.

13. Who is seating immediate right of V ?

- ☐ X
- ☐ Z
- ☐ U
- ☒ none of these



✓ 14. Who is seating opposite to Z ?

1/1

- ☐ Y
- ☐ V
- ☒ U
- ☐ W



✓ 15. Who is seating immediate left of S?

1/1

- ☒ Y
- ☐ T
- ☐ none of these
- ☐ Z



✓ 16.

1/1

A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting ?

- ☐ Between B and D
- ☐ Between E and D
- ☐ Between C and E
- ☒ Between B and C



✓ Q. 17 and 18:

1/1

P, Q, R, S, T, U, V and W are sitting round the circle and are facing the centre:

- P is second to the right of T who is the neighbour of R and V.
- S is not the neighbour of P.
- V is the neighbour of U.
- Q is not between S and W. W is not between U and S.

17. Which of the following is correct ?

- ☐ U is between W and S
- ☒ Q is to the immediate left of W
- ☐ R is between U and V
- ☐ P is to the immediate right of Q



✓ 18. What is the position of S ?

1/1

- ☐ Between U and V
- ☐ Second to the right of P
- ☐ Data inadequate
- ☒ To the immediate right of W



✓ 19. Find Compound interest on Rs 10400 at 5% per annum for 2years, Compounded Annually. 1/1

- ☐ 10466 Rs
- ☒ 11466 Rs
- ☐ 12466 Rs
- ☐ 13466 Rs



✗ 20. A sum of money amounts to Rs 3360 after 3 years and to Rs5040 after 6 years on compound interest. Find the sum(Principal). 0/1

- ☐ 3360 Rs
- ☒ 2360 Rs
- ☐ 4360 Rs
- ☐ 5960 Rs



Correct answer

- ☒ 3360 Rs

✓ 21. In what time will be Rs 1000 become Rs 2197 at 30% per annum compounded annually ? 1/1

- ☐ 6 YEARS
- ☐ 5 YEARS
- ☒ 3 YEARS
- ☐ 2 YEARS



✓ 22. If Rs 500 amounts to Rs 583.20 in one year compounded annually, then what is the rate of interest per annum ? 1/1

- ☐ 2.0%
- ☐ 8.5%
- ☒ 8.0%
- ☐ 2.5%



✗ 23. Bhavesh invested Rs 20000 @ 10% per annum for 2 years .If the interest is compounded half-yearly, then the amount received by Bhavesh at the end of 2 years will be ? 0/1

- ☐ 19282 Rs
- ☐ 29282 Rs
- ☒ 39282 Rs
- ☐ 49282 Rs



Correct answer

- ☒ 29282 Rs



✗ 24. State Bank Of India Offers 10% compound interest calculated on half yearly basis. Chinmay deposits Rs 1600 each on 1st January and 1st July of a year. At the end of the year the interest collected by Chinmay will be ? 0/1

- ☐ 121 Rs
- ☐ 356 Rs
- ☐ 889 Rs
- ☐ 496 Rs

✗ 25. Dhiraj invested an amount of Rs 12000, in a fixed deposit scheme for a year at compound interest at the rate of 5% calculated on quarterly basis. How much amount will Dhiraj get on maturity of the fixed deposit ? 0/1

- ☐ 15972 Rs
- ☐ 14972 Rs
- ☐ 13972 Rs
- ☐ 12972 Rs

✓ 26. Chandan has given an amount of 12000 Rs to Dipak at the rate of 10% per annum for $3\frac{2}{5}$ years. What amount will Chandan receive from Dipak at the end of 2 years (Approximately) ? 1/1

- ☐ 12000
- ☐ 13000
- ☒ 16000
- ☐ 18000



✓ 27. The compound interest on a certain sum for 2 years at 8% per annum is 1/1 Rs 200 with the help of same sum and same rate of interest find the Simple interest for period of 4 years.

- ☐ 12000
- ☒ 10000
- ☐ 11000
- ☐ 13000



✓ 28. The difference between simple interest and compound interest compounded annually on a certain sum of money for 2 years at 4% per annum is Rs 15 the sum in Rs is - 1/1

- ☐ 4375 Rs
- ☐ 3375 Rs
- ☐ 8375 Rs
- ☒ 9375 Rs



✓ 29. Meet invested a sum of Rs. 15000 at 9 percent per annum Simple interest and Rs. 12000 at 8 percent per annum compound interest for a period of 2 years. What amount of interest did Meet earn in 2 years? 1/1

- ☐ 4689.8
- ☒ 4696.8
- ☐ 4682.8
- ☐ 4696.6



✓ 30. Find out Difference between SI and CI if $p=1000000$ $r=4\%$ ant $t=3$ years? 1/1

☒ 4864



☐ 4564

☐ 4964

☐ 4764

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