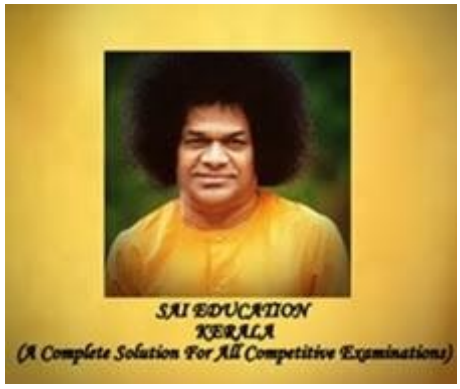
108 DAYS ONLINE COACHING FOR MISSION 2020,. DAY (77), WEDNESDAY, 20/05/2020

COMPOUND & SIMPLE INTEREST



NAME OF THE CANDIDATE *

M2

PLACE OF THE CANDIDATE *

Kannur

WHAT'S APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM) *

333

QUESTIONS

MEDIUM OF TEST: ENGLISH

PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND ANSWER THE FOLLOWING QUESTIONS

https://youtu.be/TckuHeyPiWc
https://youtu.be/pxstU9qivfs
https://youtu.be/ulRCCtVA3D8

1.A sum of money becomes Rs.17640 in two years and Rs.18522 in 3 years at the same rate of interest compounded annually.Find the sum? * 1 point

- ○ 13000
- ○ 14000
- ○ 15000
- ◉ 16000

2.A certain sum is to be decided between A and B .So that after 5 years the amount received by A is equal to the amount received by B after 7 years.The rate of interest is 10% , interest compounded annually.Find the ratio of amounts invested by them? * 1 point

- ○ 100:121
- ◉ 121:100
- ○ 110:121
- ○ 110:131

3.Find the compound interest on Rs.10,000 in 2 years at 4% per annum,the interest being compounded half- yearly. * 1 point

- 830
- 825.32
- 825
- 824.32

4.Find the compound interest on Rs.16000 at 20% per annum for 9 months, compounded quarterly? * 1 point

- 2222
- 2522
- 2252
- 2225

5. In what time will Rs.1000 becomes Rs.1331 at 10% per annum compounded annually? * 1 point

- 2 years
- 3 years
- 4 years
- 2 years 5 months

6.If Rs.600 amounts to Rs. 683.20 in two years compounded annually, find the rate of interest per annum? * 1 point

- [x] 8% p a
- [ ] 10% p a
- [ ] 5% p a
- [ ] 7% p a

7.The difference between the compound interest and simple interest on a certain sum at 10% p a for 2 year is Rs.631.Find the sum? * 1 point

- [ ] 63000
- [x] 63100
- [ ] 63200
- [ ] 63300

8.The difference between the compound interest and simple interest accrued on an amount of Rs.18000 in 2 years was Rs.405.What was the rate of interest per annum? * 1 point

- [ ] 7%
- [ ] 11%
- [ ] 13%
- [x] 15%

9.Devide Rs.1301 between A and B ,so that the amount of A after 7 years is equal to the amount of B after 9 years, the interest being compounded at 4% per annum , calculate the 2 parts? * 1 point

- 676 & 665
- 676 & 625
- 776 & 725
- 576 & 625

10.A certain sum amounts to Rs.7350 in 2 years and to Rs .8575 in 3 years.Find the sum? * 1 point

- 5200
- 5000
- 4400
- 5400

11.A sum of money amounts to Rs.6690 after 3 years and to Rs.10,035 after 6 years on compound interest.Find the sum? * 1 point

- Rs.4460
- Rs.4660
- Rs.5560
- Rs.3460

12.A sum of money doubles itself at compound in 15 years.In how many years will it becomes eight times? * 1 point

- [ ] 55 years
- [ ] 25 years
- [ ] 35 years
- [x] 45 years

13.What annual payment willdiscarge a debt o Rs.7620 due in 3 years at 16 2/3% per annum compound interest? * 1 point

- [x] 3430
- [ ] 5430
- [ ] 2430
- [ ] 4230

14.Find the amount on Rs.15625 for 3 years at 12% p a ., compounded annually? * 1 point

- [x] 21952
- [ ] 12952
- [ ] 51292
- [ ] 95292

15.Find the difference between the simple interest and compound interest on Rs.5000 for 2 years at 9% p a. * 1 point

- [ ] 30.40
- [ ] 20.40
- [ ] 40.40
- [x] 40.50

16.Find the compound interest on Rs.8000 for 1 year at 10% p a, compounded half-yearly. * 1 point

- [ ] 620
- [ ] 720
- [x] 820
- [ ] 920

17.Find the compound interest on Rs.31250 for 1 1/2 years at 8% p a compounded half-yearly? * 1 point

- [ ] Rs.9302
- [x] Rs.3902
- [ ] Rs.2093
- [ ] Rs.2039

18.Find the compound interest on Rs.12,800 for 1 year at 7 1/2% p a., compounded semi annually. * 1 point

- [x] 978
- [ ] 798
- [ ] 897
- [ ] 988

19.Find the compound interest on Rs.2500 for 2 years at 10% p a , compounded annually? * 1 point

- [ ] 425
- [x] 525
- [ ] 625
- [ ] 465

20.Find the compound interest on Rs.15625 for 3 years at 12% pa , compounded annually? * 1 point

- [ ] 2367
- [ ] 6329
- [ ] 6237
- [x] 6327

21.Find the compound interest on Rs.10240 for 3 years at 12 1/2% pa, compounded annually? * 1 point

- (●) Rs.4340
- ( ) Rs.3440
- ( ) Rs.4400
- ( ) Rs.3400

22.Find the amount of Rs.8000 for 2 years compounded annually and the rates being 9% pa during the first year and 10% pa during the second year? * 1 point

- ( ) Rs.9526
- (●) Rs.9592
- ( ) Rs.5952
- ( ) Rs.5679

23.The difference between simple interest and compound interest for Rs.50000 for 2 years is Rs.720.Then what will be the rate of interest? * 1 point

- ( ) 8%
- ( ) 10%
- (●) 12%
- ( ) 14%

24.The compound interest on a certain sum of money for 2 years at 10% pa is Rs.420.The simple interest on the same sum at the same rate and for the same time will be? * 1 point

- (●) 400
- ( ) 600
- ( ) 800
- ( ) 200

25.A sum of money becomes 16000 in 4 years and Rs.18522 in 7 years.Find the rate of interest compounded annually? * 1 point

- ( ) 1%
- ( ) 3%
- (●) 5%
- ( ) 7%

THANK YOU