

QUIZ

Started on	Friday, 29 December 2023, 9:02 PM
State	Finished
Completed on	Friday, 29 December 2023, 9:25 PM
Time taken	22 mins 20 secs
Grade	11.00 out of 20.00 (55%)

Question 1

Correct

Mark 1.00 out of 1.00

A man invests Rs.5000 for 3 years at 5% p.a. compound interest reckoned yearly. Income tax at the rate of 20% on the interest earned is deducted at the end of each year. Find the amount at the end of the third year

- ☐ a. Rs.5976
- ☐ b. Rs.5634
- ☐ c. Rs.5423
- ☒ d. Rs.5624.32 ✓

The correct answer is: Rs.5624.32

Question 2

Correct

Mark 1.00 out of 1.00

A sum of money lent at compound interest for 2 years at 20% per annum would fetch Rs.482 more, if the interest was payable half yearly than if it was payable annually . The sum is

- ☐ a. 10000
- ☐ b. 40000
- ☒ c. 20000 ✓
- ☐ d. 50000

The correct answer is: 20000

Question 3

Correct

Mark 1.00 out of 1.00

At what rate of compound interest per annum will a sum of Rs. 1200 become Rs. 1348.32 in 2 years?

- ☐ a. 7%
- ☐ b. 6.5%
- ☐ c. 7.5%
- ☒ d. 6% ✓

The correct answer is: 6%

Question 4

Correct

Mark 1.00 out of 1.00

At what rate of compound interest per annum, a sum of Rs. 1200 becomes Rs. 1348.32 in 2 years?

- ☐ a. 50 %
- ☐ b. 8 %
- ☐ c. 10 %
- ☒ d. 6 % ✓

The correct answer is: 6 %

Question 5

Correct

Mark 1.00 out of 1.00

Find compound interest on Rs. 8000 at 15% per annum for 2 years 4 months, compounded annually

- ☐ a. 2109
- ☐ b. 4109
- ☒ c. 3109 ✓
- ☐ d. 6109

The correct answer is: 3109

Question 6

Correct

Mark 1.00 out of 1.00

If the compound interest on a certain sum at $16\frac{2}{3}\%$ to 3 years is Rs.1270, find the simple interest on the same sum at the same rate and for the same period.

- ☒ a. 1080 ✓
- ☐ b. 1109
- ☐ c. 1180
- ☐ d. 1090

The correct answer is: 1080

Question 7

Correct

Mark 1.00 out of 1.00

If the simple interest on a sum of money for 2 years at 5% per annum is Rs. 50, what is the compound interest on the same at the same rate and for the same time?

- ☐ a. Rs. 60
- ☒ b. Rs. 51.25 ✓
- ☐ c. Rs. 54.25
- ☐ d. Rs. 52

The correct answer is: Rs. 51.25

Question 8

Correct

Mark 1.00 out of 1.00

In what time will Rs. 1000 become Rs. 1331 at 10% per annum compounded annually?

- ☐ a. 1years
- ☒ b. 3years ✓
- ☐ c. 4years
- ☐ d. 2years

The correct answer is: 3years

Question 9

Incorrect

Mark 0.00 out of 1.00

Mihir's capital is $\frac{5}{4}$ times more than Tulsi's capital. Tulsi invested her capital at 50 % per annum for 3 years (compounded annually). At what rate % p.a. simple interest should Mihir invest his capital so that after 3 years, they both have the same amount of capital?

- ☐ a. 1.728 %
- ☒ b. 10 % ✖
- ☐ c. $\frac{20}{3}$ %
- ☐ d. $\frac{50}{3}$ %

The correct answer is: $\frac{50}{3}$ %

Question 10

Incorrect

Mark 0.00 out of 1.00

Rs. 5887 is divided between Shyam and Ram, such that Shyam's share at the end of 9 years is equal to Ram's share at the end of 11 years, compounded annually at the rate of 5%. Find the share of Shyam.

- ☐ a. 3544
- ☐ b. 3452
- ☒ c. 3567 ✖
- ☐ d. 3087

The correct answer is: 3087

Question 11

Incorrect

Mark 0.00 out of 1.00

Rs.100 doubled in 5 years when compounded annually. How many more years will it take to get another Rs.200 compound interest

- ☐ a. 5years
- ☐ b. 3years
- ☒ c. 7years ✖
- ☐ d. 6years

The correct answer is: 5years

Question 12

Correct

Mark 1.00 out of 1.00

Simple interest on a certain sum of money for 3 years at 8% per annum is half the compound interest on Rs. 4000 for 2 years at 10% per annum. The sum placed on simple interest is:

- ☐ a. Rs. 1550
- ☐ b. Rs. 2000
- ☐ c. Rs. 1650
- ☒ d. Rs. 1750 ✓

The correct answer is: Rs. 1750

Question 13

Correct

Mark 1.00 out of 1.00

The compound interest on a certain sum for 2 years at 10% per annum is Rs. 525. The simple interest on the same sum for double the time at half the rate percent per annum is:

- ☒ a. Rs. 500 ✓
- ☐ b. Rs. 400
- ☐ c. Rs. 800
- ☐ d. Rs. 600

The correct answer is: Rs. 500

Question 14

Incorrect

Mark 0.00 out of 1.00

The compound interest on a certain sum for 2 years at 10% per annum is Rs. 525. The simple interest on the same sum for double the time at half the rate percent per annum is

- ☐ a. Rs.4000
- ☐ b. Rs.600
- ☐ c. Rs.800
- ☒ d. Rs.500 ✗

The correct answer is: Rs.600

Question 15

Incorrect

Mark 0.00 out of 1.00

The compound interest on a sum of money for 2 years is rs.832 and the simple interest on the same sum for the same period is rs.800 .the difference between the compound interest and simple interest for 3 years

- ☐ a. Rs.98.56
- ☐ b. Rs.66.56
- ☒ c. Rs.48 ✖
- ☐ d. None of these

The correct answer is: Rs.98.56

Question 16

Incorrect

Mark 0.00 out of 1.00

The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 4% per annum is Re. 1. The sum (in Rs.) is:

- ☐ a. 650
- ☐ b. 625
- ☐ c. 630
- ☒ d. 640 ✖

The correct answer is: 625

Question 17

Incorrect

Mark 0.00 out of 1.00

The difference in simple interest and compound interest on a certain sum of money in 3 years at 20 % p.a. is Rs. 640. The sum is

- ☐ a. Rs. 5000
- ☒ b. Rs. 6000 ✖
- ☐ c. Rs. 8250
- ☐ d. Rs. 8500

The correct answer is: Rs. 5000

Question 18

Incorrect

Mark 0.00 out of 1.00

The present worth of Rs.169 due in 2 years at 4% per annum compound interest is

- ☒ a. Rs.150 ✖
- ☐ b. Rs.140
- ☐ c. Rs.156.25
- ☐ d. Rs125.25

The correct answer is: Rs.156.25

Question 19

Incorrect

Mark 0.00 out of 1.00

There is 60% increase in an amount in 6 years at simple interest. What will be the compound interest of Rs. 12,000 after 3 years at the same rate?

- ☐ a. Rs. 6240
- ☐ b. Rs. 2160
- ☒ c. Rs. 3972 ✖
- ☐ d. Rs. 3120

The correct answer is: Rs. 2160

Question 20

Correct

Mark 1.00 out of 1.00

What will Rs.1500 amount to in three years if it is invested in 20% p.a. compound interest, interest being compounded annually?

- ☒ a. Rs.2592 ✔
- ☐ b. Rs.2352
- ☐ c. Rs.2492
- ☐ d. Rs.2352

The correct answer is: Rs.2592