

SIMPLE INTEREST AND COMPOUND INTEREST MCQ

Q 1. What will be the simple interest on Rs. 80,000 at $16\frac{2}{3}$ % per annum for 9 months?

- a. 8,000
- b. 9,000
- c. 10,000
- d. 11,000

Correct Option: (c)

Q 2. Find the simple interest on Rs. 5000 at 6 % per annum for the period from 5th Feb to 19th April, 2015.

- a. Rs. 40
- b. Rs. 50
- c. Rs. 60
- d. Rs. 70

Correct Option: (c)

Q 3. Suresh borrows Rs. 10,000 for 2 years at 4 % p.a. simple interest. He lends it to Ramesh at 6 % p.a. for 2 years. Find his gain in this transaction per year.

- a. Rs. 150
- b. Rs. 200
- c. Rs. 400
- d. Rs. 450

Correct Option: (b)

Q 4. At what rate percent per annum will sum of money double in 20 years?

- a. 1.2 %
- b. 2 %
- c. 4 %
- d. 5 %

Correct Option: (d)

Q 5. John took a loan of Rs. 1500 with simple interest for as many years as the rate of interest. If he paid Rs. 540 as interest at the end of loan period, what was the rate of interest?

- a. 2 %
- b. 3 %
- c. 4 %
- d. 6 %

Correct Option: (d)

Q 6. A sum of Rs. 12,000 amounts to Rs. 15,000 in 4 years at the rate of simple interest. Find the rate of interest.

- a. 6.25 %
- b. 4.25 %
- c. 5.9 %
- d. 5 %

Correct Option: (a)

Q 7. Nikhil borrowed some money at the rate of interest 5 % p.a. for first 2 years, 8 % p.a. for next 5 years and 10 % p.a. for a period beyond 7 years. If he pays total interest of Rs. 8000 at the end of 10 years, then find the money Nikhil borrowed.

- a. Rs. 40,000

b. Rs. 35,000

c. Rs. 25,000

d. Rs. 10,000

Correct Option: (d)

Q 8. A sum was put at simple interest at a certain rate for 2 years. Had it been put at 2 % higher rate, it would have fetched Rs. 400 more. Find the sum.

a. 8000

b. 9000

c. 10000

d. 12000

Correct Option: (c)

Q 9. The S.I. on a certain sum of money for 4 years at 15 % per annum is Rs. 180 more than S.I. on same sum for 5 years at 10 % per annum. Find the sum.

a. 1000

b. 1200

c. 1800

d. 2000

Correct Option: (c)

C.I.

Q 10. The population of a city increases 5 % annually but decreases by $\frac{1}{4}$ % due to emigration. Find the net increase in percent in 3 years.

A. 8.63 %

b. 11.89 %

c. 13.25 %

d. 14.93 %

Correct Option: (d)

Q 11. The value of a sewing machine depreciates at the rate of 10 % after every year. If at the end of 3 years, its value is Rs. 8748, then find its purchase price.

- a. 8000
- b. 10000
- c. 12000
- d. 15000

Correct Option: (c)

Q 12. Find the compound interest on Rs. 5000 for 9 months at 6% per annum, if the interest is reckoned quarterly.

- a. Rs. 218.98
- b. Rs. 228.39
- c. Rs. 250.69
- d. Rs. 356.50

Correct Option: (b)

Q 13. Find the compound interest on Rs. 20,000 in 2 years at 4 % per annum, the interest being compounded half-yearly.

- a. Rs. 1648.64
- b. Rs. 1596.32
- c. Rs. 14826.56
- d. Rs. 11563.99

Correct Option: (a)

Q 14. Find compound interest on Rs. 8500 at 4 % per annum for 2 years, compounded

annually.

a. Rs. 752.6

b. Rs. 693.6

c. Rs. 553.6

d. Rs. 593.6

Correct Option: (b)

Q 15. A amount of Rs. 500 amounts to Rs. 583.20 in two years if compounded annually. Find the rate of interest per annum.

a. 5.6 %

b. 6 %

c. 8 %

d. 9.2 %

Correct Option: (c)

Q 16. A certain sum amounts to Rs. 7000 in 2 years and to Rs. 8000 in 3 years. Find the sum.

a. Rs. 6959.37

b. Rs. 6459.37

c. Rs. 5359.37

d. Rs. 5759.37

Correct Option: (c)

Q 17. A sum of money doubles itself at compound interest in 10 years. In how many years will it be eight times?

a. 30 years

b. 28 years

c. 25 years

d. 22.5 years

Correct Option: (a)

Q 18. The difference between C.I. and S.I. on a certain sum at 10 % per annum for 2 years is Rs. 530. Find the sum.

a. 53000

b. 57500

c. 69800

d. 28090

Correct Option: (a)

Q 19. The difference between C.I. and S.I. accrued on an amount of Rs. 20,000 in 2 years was Rs. 392. Find the rate of interest per annum.

a. 11.5 %

b. 13 %

c. 14 %

d. 12 %

Correct Option: (c)

Q 20. The compound interest on a certain sum at $50/3$ % for 3 years is Rs. 127. Find simple interest on same sum for same period and rate.

a. Rs. 205

b. Rs. 175

c. Rs. 152

d. Rs. 108

Correct Option: (d)