

TOPIC: - SIMPLE INTEREST AND COMPOUND INTEREST

PRACTICE SET

1. If the difference between the C.I compounded half yearly and simple interest on a sum at 10% per annum for one year is Rs. 25, the sum is:
 - a) Rs. 9000
 - b) Rs.9500
 - c) Rs. 10,000
 - d) Rs. 10,500
 - e) None of these
2. The difference between compound interest and simple interest at a certain rate on Rs. 2000 at the end of two years is Rs. 12.8. The rate of interest per annum is:
 - a) 6.8%
 - b) 8%
 - c) 12.8%
 - d) 16.8%
 - e) None of these
3. If a sum of money at a simple interest doubles itself in 6 years, it will become four times in:
 - a) 14 years
 - b) 9 years
 - c) 8 years
 - d) 6 years
 - e) None of these
4. A sum of money doubles at simple interest doubles itself in 6 years, it will become four times in:
 - a) 12 years
 - b) 9 years
 - c) 8 years
 - d) 6 years
 - e) None of these
5. If the amount is $6\frac{1}{4}$ times the sum after 2 years at compound interest, the rate of interest per annum is:
 - a) 130%
 - b) 140%
 - c) 125%
 - d) 150%
 - e) None of these
6. Amit invested an amount of Rs. 25000 in fixed deposits @ C.I 8% per annum for 2 years. What amount Amit will get
 - a) Rs.28240
 - b) Rs.28540
 - c) Rs.29240
 - d) Rs. 29160
 - e) None of these
7. Find the ratio of S.I & C.I on a certain sum of money at 5% per annum for 2 years
 - a) 50:51
 - b) 40:41
 - c) 30:31
 - d) 45:46
 - e) None of these
8. A sum of money invested at S.I accrued to Rs. 800 in 3 years and to Rs.840 in 4 years. The rate of interest per annum is
 - a) $2\frac{1}{2}$
 - b) 4%
 - c) 5%
 - d) $6\frac{2}{3}$ %
 - e) None of these

9. What is difference between C.I and S.I of Rs.12000 on 5% per annum for 2 years?
a) 35
b) 25
c) 30
d) 40
e) None of these
10. Find the difference between C.I & S.I on Rs. 15000 at 3% per annum for 3 years?
a) 40.91
b) 73.91
c) 39.91
d) 30
e) 35
11. Find the difference between C.I and S.I on Rs 13000 at 4% per annum for 3 years?
a) Rs. 63.23
b) Rs.73.25
c) Rs.68.25
d) Rs. 70.29
e) Rs.59.25
12. A certain sum of money gives Rs. 500 at 5% S.I. for 1 year. What is the C.I at the same rate at the end of 2 years?
a) Rs.1050
b) Rs.1015
c) Rs.1035
d) Rs1025
e) None of these
13. The difference between the S.I & C.I obtained on principal amount at 5 p.c.p.a. after 2 years is Rs.35. What is principal amount:
a) Rs.15000
b) Rs.10000
c) Rs.14000
d) Rs.13000
e) None of these
14. The C.I on Rs. 10000 at 20% per annum at the end of 1 year 6 month, if the interest is calculated half year will be
a) 4340
b) 5320
c) 3310
d) 4590
e) None of these
15. The S.I is 7200 on 12 p.c.p.a for 6 years on a sum. What is C.I on 5 p.c.p.a for 2 years?
a) Rs.1020
b) Rs.1055
c) Rs.1050
d) Rs.1025
e) None of these

SOLUTIONS

1. c
2. b
3. c
4. d
5. d
6. d
7. b
8. c
9. c
- 10.a
- 11.a
- 12.a
- 13.d
- 14.c
- 15.c

