	Selvam College Of Technology, Namakkal (Autonomous) IT Support & Development Training Programme (ISDTP)		
Worksheet -2 (Compound Interest)			
Bundle & Subject Name	Advanced Bundle V2 (2025) – Aptitude (Level-4)	**Semester**	VI

Answer Key

1. A sum of 3000 is invested at 20% p.a. What is the compound interest for two years?

   A) Rs.1200 B) Rs.1320

   C) Rs.1440 D) Rs.1360

   Ans: B) Rs. 1320

2. If the compound interest on a certain sum of money for 2 years at 5% p.a. is Rs.328, then the sum is_____.

   A) Rs.3600 B) Rs.2500

   C) Rs.3000 D) Rs.3200

   Ans: D) Rs.3200

3. A certain sum invested on compound interest grows to 5040 in three years. If the rate of interest is 20% for the first year, 40% for the second year, and 50% for the third year, then what is the sum?

   A) Rs.1210 B) Rs.1440

   C) Rs.1800 D) Rs.2000

   Ans: D) Rs.2000

4. If the compound interest on a sum of Rs.20,000 at 15% p.a. for 36 months, then interest compounded annually is ____.

   A) Rs.10,4175 B) Rs.10,417.5

   C) Rs.10,600.5 D) Rs.10,41.75

   Ans: B) Rs.10,417.5

5. A sum of money doubles itself in 5 years at CI. It will amount to 8 times at the same rate of interest in _____.

   A) 7 years B) 10 years

   C) 15 years D) 20 years

   Ans: C) 15 years

6. A sum of ₹2100 is invested at 10% p.a. What is the compound interest when you compound half-yearly at the end of the year?

   A) ₹940 B) ₹720

   C) ₹215.25 D) ₹350

   Ans: C) ₹215.25

7. If Priya has Rs.2000 in a savings account that earns 20% annual interest compounded half-yearly, then the money will be in the account after one year is ____.

   A) Rs.3530 B) Rs.2420

   C) Rs.2630 D) Rs.3870

   Ans: B) Rs.2420

8. If Riya invested Rs.13500 in FD. How will he get on maturity if he invested it at 20 %P.A. compound interest for 6 months compound quarterly?

   A) Rs.14883.75 B) Rs.14883

   C) Rs.14883.35 D) Rs.14883.5

   Ans: A) Rs.14883.75

9. The compound interest for two years at 12% p.a., is Rs.477. What is the principal amount?

   A) Rs.1875 B) Rs.2000

   C) Rs.1500 D) Rs.1650

   Ans: A) Rs.1875

10. If a sum of money doubles itself in 12 years on compound interest, then it will become 8 times itself at the same rate of interest in ____.

    A) 48 years B) 36 years

    C) 24 years D) 72 years

    Ans: B) 36 years