Assignment 4
The due date for submitting this assignment is extended. As per your records, you have not submitted this assignment.

1. A sum of Rs. 10,000 is deposited in bank. Interest rate of Bank A offers 10% compounded quarterly and Bank B offers 6% compounded continuously. Which one set point better?
   - Bank A
   - Bank B
   - Either Bank A or B
   - Can’t be said
   - No, the answer is incorrect.
   - Accepted Answer: Bank A
   - Question 4

2. The amount required at the end of year 5 to repay an amount of Rs. 10,000 borrowed today at an interest rate of 12% compounded quarterly will be ______?
   - Rs. 19,487
   - Rs. 19,682
   - Rs. 19,882
   - Rs. 20,082
   - No, the answer is incorrect.
   - Accepted Answer: Rs. 19,682
   - Question 4

3. The rate of interest compounded quarterly, which will make an investment double itself in 5 years is ______?
   - 14.07%
   - 15.07%
   - 16.07%
   - 17.07%
   - No, the answer is incorrect.
   - Accepted Answer: 14.07%
   - Question 4

4. A student decides to make semi-annual payments of Rs. 200 each into a savings account that pays a nominal interest of 8% compounded weekly. Assuming that only one half of the student’s income is deposited, the amount accumulated on the student’s bank account at the end of 2 years will be ______?
   - Rs. 1,092.55
   - Rs. 1,103.55
   - Rs. 1,114.55
   - Rs. 1,125.55
   - No, the answer is incorrect.
   - Accepted Answer: Rs. 1,125.55
   - Question 4

5. You are considering purchasing a piece of industrial equipment that costs Rs. 30,000. You decide to make a down payment in the amount of Rs. 15,000 and to finance the balance from a local bank at an interest rate of 8%, compounded monthly. The loan is to be paid in 36 monthly installments. The amount of monthly payment will be ______?
   - Rs. 882.50
   - Rs. 883.50
   - Rs. 884.50
   - Rs. 885.50
   - No, the answer is incorrect.
   - Accepted Answer: Rs. 883.50
   - Question 4

6. The present worth of following series of cash flow of an interest rate of 10% compounded annually will be ______?
   - Rs. 12,000
   - Rs. 13,000
   - Rs. 14,000
   - Rs. 15,000
   - No, the answer is incorrect.
   - Accepted Answer: Rs. 12,000
   - Question 4

7. You have taken a loan of Rs. 50,000 at interest rate of 15% compounded annually and wish to repay the loan as per following schedule. The amount 1 year at 5%.
   - Rs. 5,000
   - Rs. 5,250
   - Rs. 5,500
   - Rs. 5,750
   - No, the answer is incorrect.
   - Accepted Answer: Rs. 5,250
   - Question 4

8. Effective annual interest rate for nominal interest rate 7% compounded semiannually is ______?
   - 11.39%
   - 12%
   - 14.08%
   - 15.08%
   - No, the answer is incorrect.
   - Accepted Answer: 11.39%
   - Question 4

9. Nominal rate of 15% compounded monthly will result into effective rate of ______% with a time interval of 3 years.
   - 16.20%
   - 17%
   - 17.66%
   - 18.20%
   - No, the answer is incorrect.
   - Accepted Answer: 16.20%
   - Question 4

10. For nominal interest rate of ______%, effective annual interest rate will be 15% when compounding is continuous.
    - 1.05
    - 1.1
    - 1.17
    - 1.21
    - No, the answer is incorrect.
    - Accepted Answer: 1.17
    - Question 4