36

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2026

B.Tech-I Semester (BT/BI)

COURSE CODE (CREDITS): 25B11CI212 (3)

MAX. MARKS: 15

COURSE NAME: Fundamentals of Computers & Programming-II

COURSE INSTRUCTOR: Dr.Ruchi Verma

MAX. TIME: 1 Hour

Note: *(a) All questions are compulsory.*

(b) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problems

(c) Use of calculators is not allowed

Q.No	Question	CO	Marks
Q1	Write a C program that takes the details of an applicant and checks whether the applicant is eligible for a personal loan using the following conditions: • The applicant's age should be between 21 and 60 years. • The applicant's annual income should be ₹35,000 or more. • The applicant's credit score should be 700 or above. The loan should be approved only if all the conditions are satisfied. Otherwise, the loan should not be approved.	CO2	3
Q2	Write a C program to count the number of even and odd integers between 1 and 50.	CO1	3
Q3	Write a C program to find the grade of a student based on the marks obtained. • If the marks are 90 or above, display Grade A • If the marks are between 75 and 89, display Grade B • If the marks are between 50 and 74, display Grade C • If the marks are below 50, display Fail The program should print the correct grade.	CO2	3
Q4	Write a C program to determine whether a given year is a leap year or not using the ternary operator.	CO1	3
Q5	Write a C program to print a right-angled triangle pattern using the * (asterisk) character with 5 rows.	CO1	3

JUIT TEST EXAMINATION FEB-2026