

- Q.1 (a) Explain the concept of computer programming. Also explain various application area of it. [10]
(b) Explain Low Level and High Level programming Language with example. [10]

OR

- Q.1 (a) Write a detailed note on Translators. [10]
(b) What is editor? Explain special features provided by "Turbo C++" editor to create C program? [10]

- Q.2 (a) What is Data Type? Explain all data type supported by C with example. [05]
(b) Write an algorithm to find whether the given number is palindrome or not. [05]
(c) Explain printf() function with example. [05]
(d) Explain function used to read input in C. [05]

OR

- Q.2 (a) Explain operators available in "C" with suitable example. [10]
(b) Define Flowchart. Explain symbol used to draw flowchart with suitable example. [10]

- Q.3 (a) What is user defined function? Explain all types of UDF we can create in C. [05]
(b) How Switch statement works in c? explain with example. [05]
(c) Write a program to print "Hello World" 10 Times using do...while loop. [05]
(d) Write a program to find the grade of students based on percentage using the else...if ladder. [05]

OR

- Q.3 (a) Compare Entry Controlled Loop and Exit Controlled Loop. [05]
(b) Explain nested if else with suitable example. [05]
(c) Write a program which performs all arithmetic operation using user defined function. [05]
(d) Explain the method of structured programming. [05]

- Q.4 (a) What is structure? Explain creation and initialization of structure with example. [10]
(b) What is array? How to declare and initialize two dimensional array in C. explain with a small program. [10]

OR

- Q.4 (a) Explain the concept of command line argument with example. [10]
(b) How to declare string in "C"? Explain string management functions available in C with example. [10]
- Q.5 (a) What is file? Explain the all file modes available in C with example. Also explain fopen() function. [10]
(b) Write a program that create a file which contains runs of ODI, TEST and IPL of players . And after creating this file read the runs from file and display the average run of all format for each player. [10]
- OR**
- Q.5 (a) Explain the any five functions with example from below. [20]
gets() b. putc() c. ftell() d. fprintf() e. fscanf()
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