F.Y.BCA Examination

October- 2017

Introduction to programming Language [103]

Time: 3 Hours   8052   Total Marks: 100

Q-1	Explain following questions:	
A).	Explain concept of interpreter, compiler and assembler.	10
B).	Explain tokens and identifiers with example.	10
	OR	
Q-1	Explain following questions:	
A).	Explain history of C Language and Flowchart.	10
B).	Explain data type, variable and constant.	10
Q-2	Explain following questions:	
A).	Explain Mathematical operators and bitwise operators with example.	10
B). .	Explain if, if else, if else ladder with example.	10
	OR	
Q-2	Explain following questions:	
A).	Explain switch case with its proper example.	10
B).	Explain looping statements.	10
Q-3	Explain following questions:	
A).	What is array? Explain types of array with example.	10
B).	Write a program to find minimum and maximum number from the 1-D array.	10
	OR	
Q-3	Explain following questions:	
A).	Explain sorting and searching in 1-D array.	10
B)	Write a program to do sum and average of the 1-D array value.	10
Q-4	Explain following questions:	
A).	Explain user defined function with its types.	10
B).	Explain call by value and call by reference.	10
	OR	
Q-4	Explain following questions:	
A). ˙	What is pointer? Write a program to perform addition, subtraction, multiplication and division using pointer variables.	10
B).	Explain functions: strcpy(), strcat(), strcmp(), strchr(), strlen().	10
Q-5	Explain following questions:	
A).	What is structure? Write a program using structure which includes Roll no, name, marks. Write the functions for input and output using array of structure.	10
B).	Explain structure declaration, initialization, creating and accessing structure.	10
	OR	
Q-5	Explain following questions:	
A).	Explain file handling functions: fseek(), fopen(), fscanf(), fgetc() and fputs()	10
B).	Explain command line argument with proper example.	10