Course Code/Name   : CS3251 –PROGRAMMING IN C
Regulation   2021

UPC – Student Planner

Slot	Unit .No	Name of the Unit	Questions	CO Mapping	Grade A	B
1	IV	Structures and Union	1. Storage classes 2. Dynamic memory allocation 3. Structures and nested structures 4. Pointers and structures, Array of structures 5. Union 6. Self referential structure 7. Singly linked list 8. Typedef	C106.4	1 2 3 4 5 6	7 8
2	V	File Processing	1. File and types of file processing 2. Sequential access file 3. Random access file 4. Command line arguments 5. File programs(Copy ,compare , read character one by one, count no of words ,lines, characters) 6. Transaction Process Management program	C106.5	1 3 4 5	2 6
3	III	Functions and Pointers	1. Parameter passing methods 2. Function prototypes 3. Explain about function declaration and types of function 4. Recursion , binary search using recursive function 5. Pointers , Array and Pointers,Array of Pointers 6. Pointer arithmetic and pointer operators	C106.3	1 2 3 4 5	6
4	II	Arrays and Strings	1. String Operations 2. Binary and linear search and selection sort programs 3. Arrays Declaration and initialization 4. One and Two dimensional array 5. Mean ,median and mode programs and matrix programs	C106.2	1 2 3 4	5
5	I	Basics of C programming	1. Decision making statements , Switch 2. Looping Statements 3. Preprocessor directive 4. Structure of C program 5. Operators and precedence of operators 6. Data Types 7. Constant , Enumeration Constant , Keywords 8. Input and output statements ,expressions	C106.1	1 2 3 4 5	6 7 8
6	1-5	-	PART A QUESTIONS			

Prepared by   **Verified by**   **IQAC**   **Approved by**