Seat No.:	Enrolment No
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Su Ti	ibjec me:(struc 1. 2.	GUJARAT TECHNOLOGICAL UNIVERSITY BE (SPFU) - SEMESTER-I-II (SPFU) - EXAMINATION – SUMMER 20 et Code: CPU001 Date: 08/06/20 et Name: COMPUTER PROGRAMMING AND UTILIZATION 02:30 PM to 05:00 PM Total Marks: tions: Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	17
Q.1	(a) (b)	Explain decision making statements. Define Array and write a c program to multiply two 3 x 3 matrix	07 07
Q.2	(a) (b)	Draw block diagram of computer system and explain function of various components. Explain different operators available in C	07 07
Q.3	(a) (b)	Write a c program to find sum of all digit of given number. Differentiate between Computer Hardware and software with suitable examples.	07 07
Q.4	(a) (b)	Write a C program to check whether an entered string is palindrome or not. Explain terminology Compiler, Interpreter, linker and loader	07 07
Q.5	(a) (b)	What is flowchart? Draw a Flowchart to find minimum among three values. Explain Entry control and exit control loops in 'C' language with example.	07 07
Q.6	(a)	Describe following string functions in C-Language with example. (1) strcpy() (2) strcat() (3) strlen() (4) strcmp()	07
Q.7	(b)(a)(b)	Write a C program to print Fibonacci series 1 1 2 3 5 8 13 21 Explain different types of computer programming languages. Write a c program to check whether given number is prime or not.	07 07 07
