

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name : Programming in C

Subject Code : 4CS02PRC1

Branch: M.Sc. C.A. & I.T. (Integrated)

Semester : 2

Date : 16/04/2019

Time : 02:30 To 05:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator and any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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|------------|--|-------------|
| Q-1 | Attempt the following questions: | (14) |
| | a) Define Term :- Operator | 1 |
| | b) Define Term :- Conditional Operator | 1 |
| | c) Define Term :- Procedural language | 1 |
| | d) Define Term :- Preprocessor | 1 |
| | e) Enlist the types of Operator. | 1 |
| | f) Define Term :- loop | 1 |
| | g) Which loop is known as Entry Control loop? | 1 |
| | h) Which loop is known as Exit Control loop? | 1 |
| | i) What is the syntax of for loop? | 1 |
| | j) What do you mean by conditional statement? | 1 |
| | k) "C Language" is object oriented programming, State True or false | 1 |
| | l) Define Term :- keyword | 1 |
| | m) Define Term :- variable | 1 |
| | n) Define Term :- identifier | 1 |

Attempt any four questions from Q-2 to Q-8

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|------------|--|-------------|
| Q-2 | What is Primary Data types ? Enlist the data types in C language and Explain in brief. | (14) |
| Q-3 | Attempt all questions | (14) |
| | (A) <i>Differentiate</i> While loop <i>Versus</i> Do While loop | (7) |
| | (B) What is switch statement? Explain with syntax and Example. | (7) |
| Q-4 | Attempt all questions | (14) |
| | (A) Write a C Program which print fibonaccci series using looping structure. | (7) |



- (B) Explain break and continue with example. (7)
- Q-5** **Attempt all questions** (14)
- (A) Write a “C Program “which find out the factorial of given N number. (7)
- (B) Write a “C Program “which find out the sum of digit (123=1+2+3=6) (7)
- Q-6** **Attempt all questions** (14)
- (A) Explain Nested for loop with syntax and example. (7)
- (B) Explain Nested if loop with syntax and example. (7)
- Q-7** **Attempt all questions** (14)
- (A) Explain logical operator with example. (7)
- (B) Explain Operator Precedence and Associativity in C language (7)
- Q-8** **Attempt all questions** (14)
- (A) Explain the Execution of “C Program” with diagram. (7)
- (B) Write a “C Program “ Find out the Addition of 2*2 Matrix. (7)

