

C.U.SHAH UNIVERSITY**Summer Examination-2019****Subject Name : Programming Basics using C Language****Subject Code : 4CS01BCP1****Branch: B.C.A.****Semester : 1****Date : 19/03/2019****Time: 02:30 To 5:30****Marks : 70****Instructions:**

- (1) Use of Programmable calculator & 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.

Q.-1 Attempt following MCQs.**14**

- 1) Which is looping structure in C?
a) while
b) for
c) do...while
d) all of the above
- 2) Which is entry controlled loop?
a) break
b) while
c) do... while
d) None
- 3) Which is arithmetic operator in C?
a) +
b) >=
c) >
d) >>
- 4) The result of $95\%5$ is _____
a) 20
b) 15
c) 19
d) 0
- 5) `printf("%c",101);` prints _____
a) e
b) b
c) c
d) d
- 6) if $a=15$, $b=20$ then statement `printf("%d",a++ + b++);` prints _____
a) 35
b) 36
c) 37
d) 38
- 7) `getch()` function available in _____ file.
a) `stdio.h`
b) `conio.h`
c) `screen.h`
d) `string.h`
- 8) `strcmp("ab", "AB");` returns _____
a) 0
b) 1
c) 32
d) -32



- c) Write a note on: C tokens. 4
- Q.-6 Attempt following. 14**
- a) Write a note on : machine, assembly and higher level languages. 5
- b) Explain different types of UDF. 5
- c) What is recursion? Explain with example. 4
- Q.-7 Attempt following. 14**
- a) Write a program to print following series using for loop. 7
- 1 2 4 8 16 32 64 128 256 512
- b) Write a program to find entered no. is even or odd. 7
- Q.-8 Attempt following. 14**
- a) Write a C program to print following. 7
- 5
54
543
5432
54321
- b) Enter five nos. in array and find sum of entered nos. 7

