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BF—359—2016

FACULTY OF COMPUTER STUDIES

B.Sc. (First Year) (Second Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

COMPUTER SCIENCE

Paper III

(Programming in C)

(MCQ + Theory)

(Wednesday, 30-11-2016)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

- N.B. :—*
- (i) All questions are compulsory.
 - (ii) Assume suitable data wherever necessary.
 - (iii) Figures to the right indicate full marks.

MCQ

10

1. Solve the following :

- (i) is set of instruction.
 - (a) Program
 - (b) Software
 - (c) Input
 - (d) Output
- (ii) If within if is called as if.
 - (a) next
 - (b) nested
 - (c) nexted
 - (d) nest
- (iii) is the collection of same data type elements.
 - (a) Function
 - (b) Pointer
 - (c) Array
 - (d) Union
- (iv) There are type of storage classes.
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4

P.T.O.

- (v) The function defined by user is called define function.
- (a) user (b) other
(c) programmer (d) left
- (vi) keyword is used to declare character variable.
- (a) var (b) char
(c) int (d) float
- (vii) Pointer variable declared by symbol.
- (a) & (b) <
(c) * (d) #
- (viii) part is used to execute the statement in false condition.
- (a) if (b) out
(c) in (d) else
- (ix) The character variable enclosed in quotation mark.
- (a) Single (b) Double
(c) Line (d) Inline
- (x) Programming language is used to develop the
- (a) Hardware (b) Software
(c) Leftware (d) Rightware

Theory

2. Explain data type used in C language. 10

Or

- (a) Explain multidimensional array. 5
- (b) Explain if-else statement in detail. 5

3. Explain input/output statement in C language. 10

Or

(a) Write a program in C to check given number is positive or negative. 5

(b) Explain for loop in detail. 5

4. Write short notes on the following (any two) : 10

(i) Union

(ii) Strcpy()

(iii) Register storage class

(iv) Goto statement.