Programming in C 2014

Note- Attempt all questions.

Section-'A' (Objective Type Questions)

1. Choose the correct answer:

(i) '#' is called:

(a) Preprocessor directive (b) Hash sing.

(c) Productive directive (d) Predefined sign

(ii) Header files have extension:

(a) .hh (b) .h (c) .hd (d) .hhd

(iii) The conditional operator is:

(a) :? (b) ?: (c) = ?: (d) = :?

(iv) Switch statement must have

(a) break (b) default (c) Case (d) All

(v) Which of the following is not a logical operator?

(a) & (b) && (c) || (d) !

(vi) Which bitwise operator is suitable for during off a particular bit in a number?

(a) && operator (b) & operator

(c) || operator (d) 1 operator

(vij) A pointer is _____

(a) A keyword used to create variables

(b) A variable that stores address of instruction

(c) A variable that stores address of other variable

(d) All of the above

(viii) Which of the following correctly shows the hierarchy of arithmetic operators?

(a) / + * − (b) * − / + (c) + − / * (d) / * + −

(ix) An infinite loop can be terminated by:

(a) break (b) exit (0)

(c) abort () (d) All of the above

(x) Which keyword can be used for coming out of recursion:

(a) Break (b) Return (c) Exit (d) All

(xi) Which of the following are a collection of different data types?

(a) String (b) Structure (c) Char (d) All of the above

(xii) User defined data types are:

    (a) struct   (b) enum

    (c) typedef   (d) All of the above

(xiii) Which operator connects the structure name of its member name?

    (a) –   (b) < –   (c) •   (d) all

(xiv) Size of union determined by size of the:

    (a) First member   (b) Last member

    (c) Biggest member

    (d) Sum of the sizer of all member

(xv) The function which obtain block of memory dynamically:

    (a) Calloc () (b) malloc () (c) Both   (d) none

Section-'B' (Short Answer Type Questions)

2. Discuss historical development of 'C'.

Or   What are flowcharts?

3. Discuss the use of 'goto' statement.

Or   Discuss relational operators.

4. What are bitwise operators.

Or   Discuss 'break' and 'continue' statement.

5. What are 'pointers'?

Or   Discuss function declaration.

6. What is structure?

Or   What is union?

Section-'C' (Long Answer Type Questions)

7. Explain the use of algorithms

Or   Discuss different data types of C languages.

8. Explain decision control statement.

Or   Explain case control statement.

9. Discuss different operators of 'C' language.

Or   Explain 'for' loop with example.

10. Explain two dimensional array with example.

Or   Explain different prototypes of functions.

11. Explain different storage classes in 'C' language.

Or   Explain the accessing and storing of structure elements.