

Problem Solving Techniques and C Programming

Model Exam Question paper - 3

11th Standard

Computer Science

Reg.No. : 

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I. Answer all the questions.

II. Use blue pen only.

Time : 01:00:00 Hrs

Total Marks : 40

10 x 1 = 10

Part-A

- 1) Repeating the set of actions again and again is called.....  
(a) sequencing (b) iteration (c) branching (d) branching and iteration
- 2) A constant can be a  
(a) numeric or character (b) character or string (c) number or string (d) number, character or string
- 3) A character is .....  
(a) letter (b) number or special symbol (c) letter or special symbol (d) letter, number or special symbol
- 4) Which one of the following is a valid variable name?  
(a) 1 abc (b) 123 (c) a 123 (d) a & 123
- 5) Which two operators are associated with pointers?  
(a) ! and \* (b) \* and @ (c) & and \* (d) & and !
- 6) All the statements in C end with.....  
(a) , (b) ; (c) :(colon) (d) "
- 7) When a function calls another function, the other function is termed as .....  
(a) calling function (b) function prototype (c) functional model (d) called function
- 8) How many control statements are there in C?  
(a) Three (b) Two (c) Four (d) Six
- 9) Which one of the following operator is used to access the members of the structures using pointer?  
(a) Dot operator (b) Arrow operator (c) \* (d) +
- 10) Which punctuation symbols used to cover the body of the function  
(a) {} (b) <> (c) [] (d) ()

Part-B

10 x 2 = 20

- 11) Give two important difference between the flow chart and the pseudocode.
- 12) Give two examples of a multi-way branching. Use pseudocode.
- 13) Give two examples and illustrates the use of an index variable.
- 14) Using two examples illustrate indefinite iteration.
- 15) Give two examples where multi-way branching is more natural than two-way branching.
- 16) What is meant by Object Oriented Approach?
- 17) What are the fundamental data types?
- 18) What are extern variables?
- 19) Write a Pseudo code to find a sum of 100 numbers.
- 20) What is called the function.

Part-C

2 x 5 = 10

- 21) Write a C program to find the greatest common factor which will divide the given two numbers.
- 22) Write a flow chart to find the minimum of 3 given numbers.

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