

Problem Solving Techniques and C Programming

Model Exam Question paper - 1

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) How many fundamental control structures are there?  
(a) Two (b) Four (c) Six (d) Three
- 2) Which method gives more importance to the procedures and not for the data?  
(a) Top-down approach (b) Object oriented approach (c) walkthrough (d) structured programming
- 3) A constant can be a  
(a) numeric or character (b) character or string (c) number or string (d) number, character or string
- 4) A character is .....  
(a) letter (b) number or special symbol (c) letter or special symbol (d) letter, number or special symbol
- 5) Which one is used as a first character of a variable name?  
(a) Alphabet (b) Number (c) Special symbols (d) Integer
- 6) How many bytes of memory are required to store double value?  
(a) 4 (b) 2 (c) 16 (d) 8
- 7) The order in which operations are performed is called .....  
(a) operator (b) hierarchy (c) associativity (d) statement
- 8) Which one of the following is an increment unary operator?  
(a) + (b) ++ (c) & (d) ++
- 9) C programs are made up of.....  
(a) Identifier (b) Functions (c) Variables (d) Punctuation symbols
- 10) The statement a=b>c is an example of.....  
(a) arithmetic expression (b) relational expression (c) assignment expression (d) logical expression

Part-B

10 x 2 = 20

- 11) Give two important difference between the flow chart and the pseudocode.
- 12) Draw the different types of boxes used in the flow chart.Explain each one of its roles.
- 13) Give two examples of a multi-way branching.Use pseudocode.
- 14) Give two examples of a two-way branching.Use a flow chart
- 15) Give two examples and illustrates the use of an index variable.
- 16) What is the purpose of connectors in flow-charts?
- 17) What is a pseudocode?
- 18) Define data?
- 19) List the different types of Statement in C program.
- 20) List out the four components of the function prototypes.

Part-C

2 x 5 = 10

- 21) Write a C program to print your name 5 times on the monitor.
- 22) Write a Flow chart to reads a number between 0 and 3 and writes it in words.

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