

Worksheet

1

Name:

Roll No: Class: Section:

Date:

ARRAYS

Chapter-15

1. Tick (✓) the correct option.

(a) Consider the following `int age[4] = {15,16,17,18};`

From the following which type of initialisation is this.

(i) direct assignment

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(ii) along with variable declaration

☐

(iii) multiple assignment

☐

(iv) None of these

☐

(b) A two-dimensional array has a number of subscripts.

(i) two

☐

(ii) one

☐

(iii) three

☐

(iv) None of these

☐

(c) Mani wants to check a number from 100 numbers already stored in an array. This process is called

(i) insertion

☐

(ii) deletion

☐

(iii) searching

☐

(iv) none of these

☐

(d) is a simple sorting algorithm.

(i) bubble sort

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(ii) selection sort

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(iii) binary search

☐

(iv) linear search

☐

(e) Element `mark[6]` is which element of the array?

(i) the sixth

☐

(ii) the ninth

☐

(iii) the fifth

☐

(iv) the seventh

☐

(f) When a multidimensional array is accessed, each array index is

(i) separated by column

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(ii) surrounded by column

☐

(iii) separated by brackets

☐

(iv) surrounded by brackets

☐

(g) The elements of array `[50]` are numbered:

(i) from 1 to 50

☐

(ii) from 0 to 49

☐

(iii) from 1 to 51

☐

(iv) none of these

☐

2. Short answer type questions.

(a) What is meant by Dimensional Array?

(b) 'Array is a composite data type'. Explain this statement.

(c) What are the different operations on the array?

(d) What is the difference between an ordinary variable and an array variable?

(e) Explain bubble sort.