

**MAR THOMA RESIDENTIAL SCHOOL, THIRUVALLA
FIRST ASSESSMENT EXAMINATION**

CLASS: X1

TIME: 30 min

SUBJECT: COMPUTER SCIENCE

MARKS: 20

PART- 1(10 Marks)

Answer all questions

Question 1:

- a) What is a byte code? [1]
- b) What are java package? Name any two java packages. [1]
- c) What is Data Abstraction? [1]
- d) What is Coercion? Give an example. [1]
- e) Define Tokens. Give two Examples. [1]

Question 2:

- a) If int a= 24, b=12; find the value of **a** after execution of the following statement
 $a* = ++a/6 + b++ \% 3;$ [2]
- b) Give the difference between output functions in Java. Give an Example. [2]
- c) Convert the following into java statement
 $X=(a^2 * b^3)/(a/b).$ [1]

PART -2(10 Marks)

Answer any two questions

Question 3:

- a) What do you mean by primitive data type? Give an example. [3]
- b) Define Inheritance. What is base class? What is derived class? [2]

Question 4:

- a) Distinguish between class and object. [3]
- b) Write the syntax for class and object creation. [2]

Question 5:

- a) Write a program to print the name and address. [3]
- b) Write the structure of a java program. [2]