# 4624

## BOARD DIPLOMA EXAMINATION, (C-14)

## JUNE-2019

## DCME -FIFTH SEMESTER EXAMINATION

JAVA PROGRAMMING

Time: 3 hours                                                      Max.marks: 80M

**PART-A**                                     **10x3=30M**

**Instructions:**     1) Answer all questions and each question carries three
                         2) Answer should be brief and straight to the point and
                              shall not exceed five simple sentences.

1)    What is the importance of java in internet programming?

2)    What are the three features of java applets?

3)    List the basic data types of java.

4)    What is the use of 'new' operator in java?

5)    List the types Inheritances.

6)    Define a package with its syntax.

7)    What are the differences between class and interface?

8)    What is sychronization in java?

9)    What are the advantages of exception handling?

10)    List various stream classes in java

***Instructions*:** 1) Answer any **FIVE** questions and each question caries**Ten** marks.

   2) The answer should be comprehensive and the criteria for valuation is the content but not the length of the answer.

11)      a) Explain java literals.                                    6m
         b) Explain type conversation and type casting in java.       4m

12)      Explain the loop statemeants in java with syntaxes and example programs.                                              3+3+4

13)      Explain multilevel inheritance with an example program.  4+6

14)      Explain the process of importing a package with an example progarm.                                                    4+6

15)      a) Explain about class path in java                          6
         b) Explain the scope of variables in Interface.              4

16)      Explain the creation of threads with runnable interface with an example program.                                      4+6

17)      Write short notes on the bellow key words:
         a) try  b) throw c) finally                                  4+3+3

18)      Explain the lifecycle of an applet.

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