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TC-97

322553(22)

BE (5th Semester) Examination, Nov.-Dec., 2017

(New Scheme)

Programming in Java

Time Allowed: 3 hours

Maximum Marks: 80

Minimum Pass Marks: 28

- All questions are compulsory. Part (a) of each *Note* : (i) question is compulsory. Attempt any two parts from (b), (c) and (d) of each question.
 - The figures in the right-hand margin indicate (ii) marks.
- What is the difference between Array List and Vector?
 - What do you mean by control flow? Write a Java Program to demonstrate the use of control flow used in Java.
 - (c) Explain the following line used under Java Program-in detail public static void main (String args[])

(Turn Over)

[2]

[7]

[7]

```
(d) Specify code written below is correct or
     not? If yes, what will be the output?
                                                  [7]
          class A
             static void staticMethod ()
                System.out.println("Static
                Method");
          public class MainClass
             public static void main (String[] args)
                A a = null;
                a.staticMethod();
```

What is immutable object? Can you write immutable object?

(b) What will be the Boolean "flag" value to

```
[7]
reach the finally block?
      try {
         if (flag) {
             while (true) {
         } else {
             System.exit(1):
      } finally {
         System.out.println("In Finally")
```

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(Continued)

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