Code: IT4T3

II B.Tech II Semester Regular/Supplementary Examinations
April 2019

JAVA
(INFORMATION TECHNOLOGY)

Duration: 3 hours　　　　　　　　　　　　Max. Marks: 70

PART – A

Answer *all* the questions.　All questions carry equal marks

$$11 \times 2 = 22 \text{ M}$$

1. a) Write import features of Java.

　b) Write about life time of the variable in JAVA.

　c) Differentiate between Public and Default access controls.

　d) What is interface?

　e) What is Abstract class?

　f) What is thread?

　g) Write a short note on synchronization in multithreading.

　h) What is AWT?

　i) Write a short note on list boxes.

　j) Write a short note on containers in Java Swings.

　k) Differentiate between Check box and Radio button.

PART – B

Answer any **THREE** questions. All questions carry equal marks.

$$3 \times 16 = 48 \text{ M}$$

2. a) Explain for ,while, do-while statements with examples.

8 M

b) Write about method overloading with example. 8 M

3. a) Explain inheritance with example. 8 M

b) Write the differences between classes and interfaces. 8 M

4. a) Write the differences between multi threading and
multitasking. 8 M

b) What is Applet? Explain Applet architecture. 8 M

5. a) What is event handling? Explain how to handle mouse and
keyboard events? 8 M

b) Write about labels, button, scrollbars, text components and
check box. 8 M

6. a) What is Swing? Explain components and containers. 8 M

b) Explain in detail about java.net package. 8 M