

(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2018
(Sixth Semester)

Branch – **MATHEMATICS WITH COMPUTER APPLICATIONS**

JAVA PROGRAMMING

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 2 = 20)

- 1 What is data type?
- 2 Define variables.
- 3 Write an exception types.
- 4 Define synchronization.
- 5 What is a string?
- 6 Define file.
- 7 Define AWT.
- 8 What is an APPLET?
- 9 What is a java bean?
- 10 Define API.

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

- 11 a Explain an array and its types.
OR
b Explain an introducing method of classes.
- 12 a How to create a thread? Explain.
OR
b Explain the concept of I/O basics.
- 13 a How do use the various index methods to search inside of strings?
Explain.
OR
b Describe about collection of classes.
- 14 a Illustrate the delegation of an event model.
OR
b Explain the understanding layout managers in java programming.
- 15 a Describe the buttons of java swing.
OR
b Explain the difference between C++ and Java.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Explain operators & its types in detail.
- 17 What is an interface? Briefly explain.
- 18 Explain in detailed about string buffer.
- 19 What are the event classes in event handling? Explain.
- 20 Discuss about using the bean developer kit.

Z-Z-Z

END