

Third Year B.C.A Examination**Oct -2017****Paper Title: JAVA programming-8896****Paper No. 303****Subject Code No: 8896****Total Marks :100****Time :- 03:00HRS****Q-1 Answer the following question**

- A Explain characteristics of java. 10
B Explain Command line argument with example. 10

OR

- A How to define and initialize 1D and 2D array? Give example. 10
B List types of operators and explain bitwise operator with example. 10

Q-2 Answer the following question

- A What is exception? explain terms: try, catch, throw, throws finally. 10
B Make brief note on java thread model and thread priority. 10

OR

- A Explain interface with example. 10
B Explain Package functionality of java. 10

Q-3 Answer the following question.

- A Explain any 10 string class method with example. 10
B What is stream? Explain byte and character stream classes. 10

OR

- A Make brief note: random Access File class. 10
B Explain string buffer class in brief. 10

Q-4 Answer the following question

- A What is Applet? Explain applet life cycle. 10
B Describe java's delegation event model. Write short note on window event. 10

OR

- A Explain in brief: mouse event and key event. 10
B <applet> tag in detail. 10

Q-5 Answer the following question

- A Explain TextField and TextArea control. 10
B Explain FontMetrics class. 10

OR

- A Explain following methods of graphics class with example. 10
DrawString(), FillArc(), DrawRect(), translate(), setColor()
B How to create radiobutton? Explain with example. 10