**Programme: Computer Engineering Semester: IIIA/B**

**Course: Programming in JAVA Course code: PRJ238913**

### **PT 2 – QUESTION BANK**

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| **Q.1** | Describe the working of following with snippets a) try b) throw c)throws d) catch e)Finally |
| **Q.2** | Describe the class hierarchy of Exception.Also elaborate caught and uncaught exception |
| **Q.3** | Explain the process of creating a user defined exception with example program. |
| **Q.4** | Write Java program **To find out sqrt of a number generate exception for negative number****WAP in java to read Employee experience (years)**  **(lower limit = 0 upper limit = 40 ) and generate an exception if it is 41 or above** |
| **Q.5** | Draw the hierarchy of AWT classes. Describe any 2 in brief. |
|  | Explain following with example programa) Abstract Class b) Abstract method |
| **Q.6** | Explain event delegation model OR event handling mechanism with diagram |
| **Q.7** | Enlist all inbuilt packages |
| **Q.8** | Difference Between AWT and Swing. Give the different Swing controls .Also write a simple program to demonstrate Swing controls. |
| **Q.9** | Describe the Adaptar class in java |
| **Q.10** | Explain following Event listener with example program  a)ActionListener b)KeyListener c)MouseListener  d)MouseMotionListener e)WindowListener |
| **Q.11** | Enlist different layout manager in AWT |
| **Q.12** | WAP in java to handle mouse events |
| **Q.13** | WAP in java to handle key events |
| **Q.14** | WAP to handle window events |
| **Q.15** | WAP in java to implement a simple arithmetic calculator |