



## SECTION-II

### 4. Answer the following questions (1 mark each) :

[10]

- (1) Which of the following is the ultimate base class for all other exception classes?  
(a) Throwable (b) Error (c) Exception (d) None of these
- (2) The \_\_\_\_\_ & \_\_\_\_\_ methods automatically call the accept( ) method of FileFilter/FilenameFilter interface.
- (3) Which of the following is base class of JRadioButton & JCheckBox ?  
(a) AbstractButton (b) AbstractAction (c) JToggleButton (d) ButtonGroup
- (4) How do you change the current layout manager for a container?  
(a) Use the setLayout( ) method  
(b) Once created you cannot change the current layout manager of a component  
(c) Use the setLayoutManager( ) method (d) Use the updateLayout( ) method
- (5) Which of the following can be accessed using a JDBC program?  
(a) Spreadsheet (b) Textfile (c) Remote database (d) All of these
- (6) Which of the following translates API calls into operations for a specific data-source?  
(a) DriverManager (b) Driver (c) Connection (d) All of these
- (7) In case of ServerSocket, the default value of incoming connection queue is .....  
(a) 10 (b) 20 (c) 50 (d) dependent on Java implementation.
- (8) What information is needed to create a TCP Socket?  
(a) The Local System's IP Address & Port Number (b) the Remote System's IPAddress and Port Number.  
(c) Only (a) (d) Both (a) and (b)
- (9) Which of the following keyword prevents writeObject() method from writing them to the stream?  
(a) final (b) transient (c) protected (d) synchronized
- (10) Which of the following has not BorderLayout as its default layout?  
(a) JPanel (b) JFrame (c) JDialog (d) JApplet

### 5. Answer the following questions (5 marks each):

[10]

- (A) Discuss methods of JOptionPane class used for displaying different types of dialog box.
- (B) What is an adapter class? Explain its use with a suitable example.

OR

### 5. Answer the following questions (5 marks each):

[10]

- (A) Discuss constructors and methods of the ServerSocket class with their syntax.
- (B) Explain how JDBC supports execution of a stored procedure with a suitable example.

### 6. Do as directed(5 marks each):

[10]

- (A) Write a file copy program that reads a text file character-by-character & copies it into another file.
- (B) Write a program that demonstrates multicasting.

OR

### 6. Do as directed(5 marks each):

[10]

- (A) Write a program that reads a paragraph from the keyboard & writes it into a zip file.
- (B) Write a program that takes tablename as input & checks if the table with given name exists in the database.