

April-2024

BCA., Sem.-VI

**302 (C) : Advanced JAVA
(New)**

Time : 2:30 Hours]

[Max. Marks : 70

1. Give the following answers :

- (i) Explain FileClass (any five method) with Example. 7
- (ii) What is Stream ? Explain types of Stream class in detail. 7

OR

- 1. (i) Explain BufferedReader class with example. 7
- (ii) Explain Random Access File with example. 7

2. Give the following answers :

- (i) Explain GridLayout and Borderd Layout with example. 7
- (ii) Explain JRadioButton class with all methods and constructor with example. 7

OR

- 2. (i) Explain JLabel class with example. 7
- (ii) Explain Flow Layout and Card Layout with example. 7

3. Give the following answers :

- (i) What is Event ? Explain ItemEvent with example. 7
- (ii) Explain Java Datagram Packet and Datagram Socket class in detail. 7

OR

- 3. (i) Explain socket and server socket class in Detail. 7
- (ii) Explain Event Delegation Model in Detail. 7

4. Give the following answers :

- (i) Explain types of JDBC Driver in detail. 7
- (ii) Explain the Connection interface in detail. 7

OR

- 4. (i) Explain Driver Manager Class in detail. 7
- (ii) Explain JDBC Components in detail. 7

MCQs : (Attempt any 7 out of 12)

- (1) Which is default layout for Dialog ?
 - (a) FlowLayout
 - (b) GridLayout
 - (c) CardLayout
 - (d) BorderLayout
- (2) Which of this method of FileReader class is used to read characters from a file ?
 - (a) read ()
 - (b) get ()
 - (c) scanf ()
 - (d) getInteger ()
- (3) Which package provides classes for Java swing API ?
 - (a) Java.swing
 - (b) Javax.swing
 - (c) Java.awt
 - (d) All of the above
- (4) Which class is used to read characters from a character-based input stream in Java ?
 - (a) InputStreamReader
 - (b) FileReader
 - (c) BufferedReader
 - (d) Scanner
- (5) Which method can set or change the text in a Label ?
 - (a) setText ()
 - (b) getText ()
 - (c) All of the above
 - (d) None of the above
- (6) In Java to manage the events, which model is required ?
 - (a) Custom-based Event Model
 - (b) Retired Event Model
 - (c) Event Delegation Model
 - (d) None of the above
- (7) Which class is the superclass of all the events ?
 - (a) EventObject
 - (b) EventClass
 - (c) ActionEvent
 - (d) ItemEvent
- (8) UDP stands for
 - (a) User Data Port
 - (b) User Datagram Protocol
 - (c) Used Data Provider
 - (d) User Data Protocol
- (9) Which class is used to create a server socket ?
 - (a) Socket
 - (b) ServerSocket
 - (c) NetSocket
 - (d) HostSocket
- (10) Which of this package contains classes and interfaces for networking ?
 - (a) Java.io
 - (b) Java.util
 - (c) Java.net
 - (d) Java.network
- (11) Java InetAddress class represents an IP address ? True/False.
- (12) Item event is generated when checkbox and list Item is click or selected ? True/False.