

Shivaji University, Kolhapur
Question Bank for March 2022 (Summer) Examination
B.Sc. Part – III Semester – VI (CBCS)
Computer Science Paper – XIII
Advanced Java
Subject Code: 81716

- 1) Which of the following option leads to the portability and security of Java?
 - i) The applet makes the Java code secure and portable
 - ii) Bytecode is executed by JVM
 - iii) Use of exception handling
 - iv) Dynamic binding between objects

- 2) What are the major components of the JDBC?
 - i) DriverManager, Statement, and ResultSet
 - ii) DriverManager, Driver, Connection, and Statement
 - iii) DriverManager, Connection, Statement, and ResultSet
 - iv) DriverManager, Driver, Connection, Statement, and ResultSet

- 3) Which is responsible for getting a connection to the database?
 - i) Driver
 - ii) Connection
 - iii) Statement
 - iv) ResultSet

- 4) Which package is used for importing swing components?
 - i) javax.swing
 - ii) java.swing
 - iii) java.awt
 - iv) All of these

- 5) Which of the following is/are steps for the servlet life cycle?
 - i) Servlet class is loaded
 - ii) Servlet instance is created
 - iii) init,Service,destroy method is invoked
 - iv) All of these

- 6) Identify the method which is used to start a server thread.
 - i) start thread()
 - ii) run()
 - iii) runthread()
 - iv) start()

- 7) JDBC is _____
 - i) Java Database Communications
 - ii) Java Database Concepts
 - iii) Java Database Connectivity
 - iv) Java Database Connections

- 35) Which object of HttpSession can be used to view and manipulate information about a session?
- i) session identifier
 - ii) creation time
 - iii) last accessed time
 - iv) All of these
- 36) SWING components are_____.
- i) Platform dependent
 - ii) heavy weight
 - iii) Platform independent
 - iv) both (i) & (ii)
- 37) Cookies are stored on _____ side.
- i) server
 - ii) client
 - iii) both (i) & (ii)
 - iv) none of these
- 38) In Swing, _____ class is used to display data in tabular form.
- i) JList
 - ii) JMenu
 - iii) JTable
 - iv) JTextArea
- 39) _____ are session tracking techniques.
- i) URL rewriting
 - ii) Hidden Form Field
 - iii) Cookies
 - iv) All of these
- 40) Which is passive swing control that does not support any interaction with the user?
- i) JChoice
 - ii) JLabel
 - iii) JList
 - iv) JButton

Q.2) Attempt any two of the following.

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- 1) Explain Connection, Statement and ResultSet interfaces of JDBC API.
- 2) Explain different session management techniques in servlet.
- 3) Explain different components of swing with example.
- 4) What is JDBC? Explain in detail the process of JDBC.
- 5) Explain servlet communication in detail.
- 6) Explain in detail Life cycle of servlet.
- 7) What is JDBC? Explain JDBC connection steps with simple example.
- 8) Explain any four components of swing.
- 9) What is JSP? Explain different scripting elements of JSP.
- 10) Explain Session tracking technique in servlet.
- 11) Explain different JDBC drivers in detail.