

Dr. Babasaheb Ambedkar Open University
Term End Examination February – 2026

Course	: BCA	Date	: 18-Feb-26
Subject Code	: BCAN-401(NEW)	Time	: 03:00pm to 05:15pm
Subject Name	: Object Oriented Concept and Programming-II (Advanced Java)	Duration	: 02.15 Hours
		Max. Marks	: 70

Section A

Answer the following (Attempt any three) (30)

1. Write short notes on Java Programs and Components
2. Write short notes on User Datagram Protocol
3. Write note on Java Networking
4. Write short notes on RMI Architecture
5. Write short notes on Architecture of the Servlet Package

Section B

Answer the following (Attempt any four) (20)

1. Write note on Action Event API
2. Write note on JDBC Statement
3. Write short note on socket
4. Write note on Naming and Directory Service in API
5. Write short note on Java Bean.
6. Write note on Struts Controller Components

Section C

Part – A (Multiple Choice Questions) (10)

- 1 Which of the following tool used to execute java code.
A Javac B Rmic
C Javadoc D Java
- 2 The Swing Component classes used to Encapsulates mutually exclusive set of buttons is:
A AbstractButton B ButtonGroup
C JButton D ImageIcon
- 3 Which is a multitier distributed application model?
A J2ME B J2SE
C J2EE D All of the above
- 4 What is OUT parameter in JDBC?
A A parameter whose value is unknown when the SQL statement is created B A parameter whose value is supplied by the SQL statement it returns
C A parameter that provides both input and output values D None of these

- 5 Which of the following is a method of socket class
 A public Socket(InetAddress host, int port) throws IOException
 B public int getLocalPort()
 C public Socket()
 D Both A and C
- 6 UDP stands for _____.
 A User Datagram Protocol
 B Universal Data Protocol
 C User Data Protocol
 D None of these
- 7 What is LDAP?
 A Lightweight Directory Access Protocol
 B Light Directory Access Program
 C Lightweight Directory Access Program
 D None of these
- 8 What is Bound Properties of Beans?
 A It is an arrangement of arrays rather than single value
 B It keeps track of set of veto listeners
 C It inform listeners when its value changes
 D None of these
- 9 If two machines A and B wants to continue the communication, then which of the following intermediate object will act on Machine A
 A Stub
 B Skeleton
 C Both of these
 D None of these
- 10 Which tag library uses EL function?
 A JCE Taglib
 B TableTag
 C JPivot
 D Cewolf

Part – B (Do as Directed)

(10)

- 1 JDBC is a RIT used to connect and execute queries with databases in Java Applications. . (True / False)
- 2 A Graphics object is object showing part of Frame which can be drawn. (True / False)
- 3 AWT is Abstract windows tool. (True / False)
- 4 In java.util package, gc() method is present. (True / False)
- 5 To call stored prodcedures, we should call methods in Callable Statement class. (True / False)
- 6 getXXX() method is used to execute the query. (True / False)
- 7 CORBA stands for Common Object recourse Broker Architecture. (True / False)
- 8 JNDI programming uses web logic. (True / False)
- 9 Page the default value of the scope atribute of <jsp:usebean>.(True / False)
- 10 web.xml configuration file in struts is: J2SE configuration file. (True / False)
