

Sub: Advanced Java (BCA –641-18/BCA-641-20/BCA-CS-641-20)

Time: 10.00 am To 12.30 pm

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagrams wherever necessary.

- is the abbreviation of AWT.
 - Applet Windowing Toolkit
 - Abstract Windowing Toolkit
 - Absolute Windowing Toolkit
 - None of the above
- is the container that contain title bar and can have MenuBars. It can have other components like button, textfield etc.
 - Panel
 - Frame
 - Window
 - Container
- package is used for importing swing components.
 - java.swing
 - javax.swing
 - java.awt.
 - All of the above
- In swing, Buttons are subclasses of ----- class.
 - AbstractButton
 - JButton
 - Button
 - JRadioButton
- of the following component generates ActionEvent.
 - Windo
 - RadioB
 - ScrollB
 - None

1. List in Java provides the facility to maintain the ordered collection
2. Javasoft decided to write JDBC to ODBC bridge
3. JApplet Inherits from Applet
4. Introspection is not the feature of beans
5. ODBC do not use C interface

Q.3. Answer the following. (Solve any 5) (10)

1. What is Sockets?
2. What is TCP/IP?
3. What is Ports?
4. What is JButton?
5. What is Windows?
6. What is 2 tier model?

Q. 4. Answer the following in detail. (Solve any 6) (30)

1. Write in detail about cookies.
2. Write in detail about JDBC and ODBC
3. Write in detail about Socket
4. Explain MVC Architecture
5. Write in detail about URLs
6. Write in detail about SSI
7. Explain Hashmap with example

Q. 5. Answer the following in detail. (Solve any 1) (10)

1. What is Collection framework? Explain List from collection framework in detail.
 2. Write in detail about JSP
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