

(6 pages)

Reg. No. :

Code No. : 6436

Sub. Code : ZCSM 12

M.Sc. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2022

First Semester

Computer Science – Core

ADVANCED JAVA PROGRAMMING

(For those who joined in July 2021 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions

Choose the correct answer:

1. The _____ interface contains methods which can be used to get information about the applet's environment.
- (a) AudioClip (b) AppletContext
(c) AppleCodeBase() (d) AppletStub

2. Which of these methods are used to register a mouse motion listener?
- (a) addMouse()
(b) addMouseListener
(c) addMouseMotionListener()
(d) eventMouseMotionListener()
3. The text in a _____ cannot be edited.
- (a) JCheckBox (b) JList
(c) JTextArea (d) JDialog
4. The FlowLayout manager, components are arranged in a left-to-right manner, like the flow of words in a line.
- (a) GridLayout (b) CardLayout
(c) BorderLayout (d) FlowLayout
5. Which one of the following classes is used for connection-less socket programming?
- (a) DatagramSocket (b) DatagramPacket
(c) DatagramAddress (d) DatagramIP
6. Which of this class is used to encapsulate IP address and DNS?
- (a) DatagramPacket (b) URL
(c) InetAddress (d) contentHandler

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7. Which of the following is used to call stored procedure?

- (a) Statement (b) PreparedStatement
(c) CallableStatement (d) CalledStatement

8. Which of the following interface provides the commit() and rollback() methods?

- (a) Statement Interface (b) ResultSet Interface
(c) Connection Interface (d) RowSet Interface

9. Which of the following code is used to get an attribute in a HTTP Session object in servlets?

- (a) session.getAttribute(String name)
(b) session.alterAttribute(String name)
(c) session.updateAttribute(String name)
(d) session.setAttributer(String name)

10. Which of the following is not a valid attribute of page directives?

- (a) language (b) extend
(c) export (d) import

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PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Discuss about reading parameters into Applets.

Or

(b) Show the program to use of KeyEvent methods.

12. (a) Write in detail about JRadioButton.

Or

(b) Illustrate about JPasswordField.

13. (a) Illustrates the use of various methods in class InetAddress.

Or

(b) Explain about the URL Class.

14. (a) Discuss about the DriverManager class.

Or

(b) Explain in detail about the PreparedStatement Interface.

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[P.T.O.]



15. (a) Order the methods defined in Cookie class.

Or

- (b) Summarize the methods that can be called on an HttpServletRequest object.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 600 words

16. (a) Write down the General Methods Defined in Applet Class.

Or

- (b) Determine the WindowEvent Class.

17. (a) Illustrate Layout Managers.

Or

- (b) Analyze about JLabel.

18. (a) Explain in detail about the Socket class.

Or

- (b) Examine the DatagramPacket class.

19. (a) Order the steps to use the JDBC in Java language.

Or

- (b) Summarize the Statement Interface.

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20. (a) Generalize the deploying and Executing a Servlet.

Or

- (b) Assemble the Attributes of a JSP page.
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