Paper Code : 3849

M C A Sem – III
JUL/SEP – 2021
MCA-34:Adavance Java Technology(J2EE)

કુલ સમય : ૬૦ મીનીટ **કુલ પ્રશ્નો : ૫૦** **વિદ્યાર્થીએ ટીક કરવાના પ્રશ્નો : ૩૫**

નોંધ : વિદ્યાર્થીએ માત્ર ૩૫ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૩૫ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે.

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1. Which of the following is a business component in J2EE?
   A) Enterprise Java Beans (EJB) B) Java servlet and JSP (Web) C) Applets D) Application clients
2. A JSP is transformed into a(n):
   A) Java applet B) Java servlet C) Either 1 or 2 above D) Neither 1 nor 2 above
3. Among below protocol which can be used in Java Mail?
   A) SMTP B) POP C) MIME D) All
4. The difference between Servlets and JSP is the …….
   A) translation B) compilation C) syntax D) Both A and B
5. Which class can send a message over specific protocol?
   A) Message B) Store C) Folder D) Transport
6. JDBC stands for:
   A) Java Database Connectivity B) Java Database Components C) Java Database Control D) None of the above is correct.
7. Which method is called first each time a Servlet is invoked ?
   A) Start() B) Run()C) Servive() D) init()
8. Which of the following is not an implicit object ?
   A) date B) equest C) out D) pagecontext
9. How many JDBC driver types does Sun define?
   A) One B) Two C) ThreeD) Four
10. Which of the following is true for JNDI?
    A) Database service B) Naming and Directory Service C) Web Service D) XML Service.
11. Find the correct syntax of the declaration which defines the XML Version?
    A). < ?xml version= "1.0" ? > B) < xml version="1.0"/ > C) < ?xml version="1.0" / > D) None of the above
12. What is the stand for POP?
    A) Post office protocol B) Post officer protocol C) Past offer protocol D) none
13. A JSP page consists of which tags?
    A) HTML tags B) JSP tags C) Both A & B D) None of the above
14. Java supports RMI, RMI Stands for?
    A) Random Method Invocation B) Remote Memory Interface C)Remote Method Invocation D) Random Method Invocation
15. A servlet maintain session in
    A) Servlet container B) Servlet contextcorrect C) Servlet request heap D) Servlet response heap
16. Which JDBC driver type is also referred as the java protocol?
    A) type 1 JDBC to ODBC protocol B) type 2 java 1 native code driver C) type 3 JDBC driver D) type 4 JDBC driver
17. Which of the following is not a standard method called as part of the JSP life cycle?
    A) jspDestroy() B) jsp Init() C) jspService() D) jspservice()
18. What types of messages are supported by JMS?
    A) Object Messages B) Text Messages C) Map Messages D) All
19. Which JDBC driver Type(s) is(are) the JDBC-ODBC bridge?
    A) Type 1 B) Type 2 C) Type 3 D) Type 4
20. "request" is instance of which one of the following classes?
    A) Request B) HttpRequestwrong C) HttpServletRequestcorrect D) ServletRequest
21. Which of these obtains a Connection?
    A) Connection.getConnection(url) B) Driver.getConnection(url)
    C) DriverManager.getConnection(url) D) new Connection(url)
22. What is the correct signature of jspInit() method of HttpJspPage class?
    A) void jspInit(HTTPRequest request, HTTPResponse response)
    B) void jspInit(HTTPRequest request, HTTPResponse response) throws ServletException, IOException
    C) void jspInit()
    D) void jspInit() throws ServletException, IOException
23. Stub is a …… proxy for the remote object.
    A) Server side B) Client side C) Both side D) none of the above
24. An RMI Server is responsible for _____
    A) Creating an instance of the remote object B) Exporting the remote object
    C) Binding the instance of the remote object to the RMI registry D) All mentioned above
25. Which package is used for Remote Method Invocation (RMI)?
    A) java.lang.rmi B) java.lang.reflect C) java.applet D) java.rmi
26. Which objects are used by RMI for communicating with the remote object?
    A) Stub B) Skeleton C) Both A & B D) None of the above
27. Which language is Extensible Markup Language (XML) similar?
    A) HTML B) PHP C) avaScript D) Wordpres

28. Which language is case sensitive?
A) HTML B) XML C) Both A & B D) None of the above
29. Abbreviate the term JMS?
A) Java Message Service B) Java Monitor Service C) Java Message Session D) Java Monitor Session
30. Why transport method is used in JavaMail API?
A)Transfer the Message B) transfer the data C) transfer the information D) all above
31. MVC is composed of three components These are ?
A) Member Vertical Controller B) Model Variable Centered
C) Model View Controller D) Member Vertical Controller
32.What is difference between <%-- comment --%> and <!-- comment -->?
A) <%-- comment --%> is JSP comment. <!-- comment --> is an HTML comment.
B) <%-- comment --%> is ignored by JSP container.
C) <!-- comment --> is ignored by browser.
D) All of the above.
33. Which of the following property of Java Bean represents a single value?
A) Simple property B) Boolean property C) Indexed property D) Both (a) and (b) above
34. Which of the following is used to call stored procedure?
A) Statement B) PreparedStatement C) CallableStatment D) CalledStatement
35. Which of the following is used to rollback a JDBC transaction?
A) rollback() B) rollforward() C) deleteTransaction() D) RemoveTransaction()
36. Which of the following method can be used to create a connection object?
A) getConnection(String url, String user, String password) B) getConnection(String url)
C) getConnection(String url, Properties prop) D) All of the above.
37. Which Protocol is used to deliver email to recipient mail Server?
A) SMTP B) POP C) IMAP D) MAPI
38. Which packages contain the JDBC classes?
A) java.jdbc and javax.jdbc B) java.jdbc and java.jdbc.sql
C) java.sql and javax.sql D) java.rdb and javax.rdb
39. Which of the following is not a reserved word?
A) while B) goto C) if D) then
40. getMessage() of Folder class returns?
A) String array B) Message array C) List of Folder D) Enumeration of String
41. Which of the following is an approach for state maintenance in Web applications?
A) Hidden Form Field B) URL Rewriting C) Cookies D) All of the above.
42. Which method of the servlet is/are called several times in its life?
A) init() B) doPost() C) destroy() D) Both (a) and (b) above
43. Which is not a valid scope for Java bean in JSP?
A) Page B) Session C) Request D) Global.
44. Which of the following are not an implicit object in JSP?
I. Request. II. Session. III. Vector. IV. In.
A) Both (I) and (II) above B) Both (II) and (III) above C) Both (I) and (III) above D) Both (III) and (IV) above.
45. What is bytecode?
A) Machine-specific code B) Java code C) Machine-independent code D) None of the mentioned
46. What is the difference between servlets and applets?
i.Servlets execute on Server; Applets execute on browser
ii.Servlets have no GUI; Applet has GUI
iii.Servlets creates static web pages; Applets creates dynamic web pages
iv.Servlets can handle only a single request; Applet can handle multiple requests
A) i,ii,iii are correct B) i,ii are correct C) i,iii are correct D) i,ii,iii,iv are correct
47. Which of the following file extension does the EJB modules of the application have?
A) .xml B) .war C) .ear D) .jar
48. Which of the following attribute is used to mark a page as error processing page?
A) isErrorPage B) errorPage C) exception D) exceptionPage
49. JMS Publish/Subscribe Messaging Domain is an
A) one to one relationship between sender and receiver B) many to many relationship between sender and receiver
C) one to many relationship between sender and receiver D) many to many relationship between sender and receiver
50. Which of the elements defined within the taglib element of taglib descriptor file are required
A) uri B) jsp-version C) display-name D) None
