

PUNE VIDYARTHI GRIHA'S
COLLEGE OF SCIENCE & TECHNOLOGY
Regular Examination Nov-2020
Information Technology (Semester-V)

Note: 1. Attempt any 40 from given 50 Question

Total 60 Marks

2. Each correct question Carry 1.5 marks

1 hour

Subject –Enterprise Java

1. _____ is not a feature of Enterprise Application.
 - a. Powerful
 - b. Secure
 - c. Not reliable
 - d. Complex
2. Enterprise architecture is divided into _____ tiers.
 - a. 2
 - b. 4
 - c. 6
 - d. 8
3. _____ is not a Enterprise Application Technology.
 - a. Java Persistence API
 - b. Java Message Service API
 - c. Java Servlet
 - d. Enterprise Java Bean
4. Which of the following are interface?
 1. ServletContext 2. Servlet 3. GenericServlet 4. HttpServlet a. 1,2,3,4
 - b. 1,2
 - c. 1,3,4
 - d. 1,4
5. In which folder we can put web.xml?
 - a. class
 - b. package
 - c. WEB-INF
 - d. Webapps
6. Where we can put jar file?
 - a. classes
 - b. library
 - c. lib
 - d. WEB-INF
7. Which of the following method can be used to get the multiple values of a parameter like checkbox data?
 - a. request.getParameter()
 - b. request.getParameterValues()
 - c. request.getParameterNames()
 - d. request.getparameterInterger()
8. What are the two main types of servlet ?
 - a. General Servlet and HTTP Servlet
 - b. Generic Servlet and HTML Servlet

- c. Generic Servlet and HTTP Servlet
 - d. Gender Servlet and SMTP Servlet
9. Which is not life cycle method of Servlet ?
- a. service ()
 - b. delete ()
 - c. init ()
 - d. doPost ()

10. All information send from web client is available in _____ object.
 - a. ServletRequest
 - b. ServletResponse
 - c. ServletOutputStream
 - d. ServletContext
11. The method executes a simple query and returns a single Result Set object
 - a. executeUpdate()
 - b. executeQuery()
 - c. execute()
 - d. noexecute()
12. Which method is used to perform DML statements in JDBC?
 - a. execute()
 - b. executeQuery()
 - c. executeUpdate()
 - d. executeResult()
13. How can you execute a stored procedure in the database?
 - a. Call method execute() on a CallableStatement object
 - b. Call method executeProcedure() on a Statement object
 - c. Call method execute() on a StoredProcedure object
 - d. Call method run() on a ProcedureCommand object
14. Which method is used to send the same request and response objects to another servlet in RequestDispatcher ?
 - a. forward()
 - b. sendRedirect()
 - c. Both a and b
 - d. Resend()
15. What are methods of request dispatcher?
 - a. Include()
 - b. forward()
 - c. Include() and forward()
 - d. Redirect()
16. Syntax for creating acookie
 - a) Cookies ck= new cookies("name" , "value");
 - b) cookie ck= new cookies("name");
 - c) cookie ck= new cookie(" name");
 - d) Cookie ck= new Cookie("name", "value");
17. If you set the expiration time to _____ then cookie will be removed from browser.
 - a. 1
 - b. -1
 - c. 0
 - d. 2
18. How can you set cookie visibility scope to local storage?
 - a. %
 - b. *
 - c. +
 - d. /
19. Cookie manipulation is done by using which property
 - a. Cookie
 - b. Cookies
 - c. Manipulate
 - d. None of the above
20. _____ object contains request of client and transfer control to another web components.
 - a. Cookies
 - b. include
 - c. Request dispatcher
 - d. forward
21. Which of the following is correct from the given statements for **getSession(boolean) method**:
 - a. **Returns the current HttpSession associated with this request or, if there is no current session and create is true, returns a new session.**
 - b. Returns the current session associated with this request, or if the request does not have a session, creates one.
 - c. Returns the past HttpSession associated with this request or, if there is no current session and create is true, returns a new session.

- d. Returns the past session associated with this request, or if the request does not have a session, creates one.
22. _____ is a technique used to maintain the state of a user.
- a. Http Protocol
 - b. **Session Tracking**
 - c. Servlet Request
 - d. Servlet Response
23. _____ is the package used to create a session in Servlets.
- a. **javax.servlet.http.***
 - b. java.servlet.http.*
 - c. java.servlet.*
 - d. javax.servlet.*
24. _____ type of IO will be waiting for the data to be read or written before returning back to the client.
- a. Non-Blocking IO
 - b. Server Socket
 - c. Socket
 - d. **Blocking IO**
25. _____ type of IO will not be waiting for the data to be read or written before returning back to the client.
- a. **Non-Blocking IO**
 - b. Server Socket
 - c. Socket
 - d. Blocking IO
26. In MVC Architecture, JSP work as:
- a. Model
 - b. Controller
 - c. **View**
 - d. Presentation Layer
27. In JSP, Initialization is done by calling the _____ method.
- a. jspDestroy()
 - b. **jspInit()**
 - c. jspService()
 - d. jspInitialization
28. A server side comments is of the form:
- a. **<%-- comments --%>**
 - b. <!-- comments ...
 - c. <%= ----- %>
 - d. <% @ directive attribute="value" %>
29. Identify the Scripting element for replacing out.print statement in JSP from the following:
- a. JSP Scriptlet tag
 - b. **JSP Expression tag**
 - c. JSP Declaration tag
 - d. JSP Comment tag
30. <%= statement %> is the following tag:
- a. Scriptlet tag
 - b. Declarative tag
 - c. **Expression tag**
 - d. Comment tag
31. Identify the type of Directive is used for importing java statements in JSP from the given following options:
- a. Scriptlet
 - b. Include
 - c. **Page**
 - d. Taglib
32. The _____ attribute from JSP Directive is used to declare that the current page is the error page.
- a. Errorpage
 - b. **isErrorPage**
 - c. errorPage

- d. **ErrorPage**
33. Standard JSP tags begin with the _____ **prefix**
- a. **Jsp:**
 - b. Jsp:forward
 - c. Jsp:include
 - d. jsp:start
34. The _____ action tag is used to include the content of another resource, it may be jsp, html or servlet.
- a. **Jsp:include**
 - b. Jsp:forward
 - c. jsp:useBean
 - d. Jsp:fallback
35. Java Objects can be represented as a sequence of bytes known as _____
- a. InputStream
 - b. OutputStream
 - c. **Serialization**
 - d. BinaryStream
36. Which one is the right method for writing various data types of ObjectOutputStream class?
- a. **writeObject(Object x)**
 - b. write(Object x)
 - c. writeObject()
 - d. write()
37. Give Syntax of jsp:useBean action tag
- a. **<jsp:useBean id= "instanceName" scope= "page | request | session | application" />**
 - b. <jsp:useBean name="instanceOfBean" property= "*" | />
 - c. <jsp:useBean name="obj" property="xyz" />
 - d. <jsp:useBean type= "applet | bean" code= "nameOfClassFile" codebase= "directoryNameOfClassFile" />+
38. JSP Implicit Object 'Out' is object of javax.servlet.jsp._____ class
- a. **jspWriter**
 - b. jspPrinter
 - c. jspWrite
 - d. jspPrint
39. 1. _____ is the java API for SOAP web services.
- a. **JAX-WS**
 - b. JAX-RS
 - c. JAX-RW
 - d. JAX-WR
40. EJB applications utilize the _____ to look up for references to utilize all EJB-based functionality.
- a. **JNDI**
 - b. Remote EJB interfaces
 - c. Home EJB interfaces
 - d. EJB JavaBeans
41. Contract the term JMS?
- a. **Java Message Service**
 - b. Java Monitor Service
 - c. Java Message Session
 - d. Java Monitor Session
42. Which module does the Entity bean represent the persistent data that is available in the database?
- a. **Server-side component**
 - b. Client-side component
 - c. Home Interface
 - d. Remote Interface
43. Which of the following is responsible to maintain the state of Session Beans:
- a. Stateless
 - b. **Stateful**
 - c. Singleton
 - d. Message Driven

e.

44. Which of the following is the advantages of ORM:

- a. **System Architecture**
- b. poorly-optimized SQL queries
- c. Automated mapping of relational databases
- d. leaky abstractions

45. _____ represents persistence annotations which helps you to define mapping metadata.

- a. **JPA**
- b. EJB
- c. ORM
- d. JSF

46. Which of the following is the Java Persistence types:

- a. **Hibernate**
- b. Servlet
- c. JSP
- d. EJB

47. _____ is a type of persistence which will allow you to write persistence class by using OO classes

- a. **Idiomatic**
- b. Non-persistence
- c. Mapping
- d. Context Param

48. POJO stands for

- a. **Plain Old Java Object**
- b. Performance of Java Object
- c. Part of Java Object
- d. Performance Old Java Object

49. Which of the following is the mapping file of Object Relational Mapping

- a. **ORM.xml**
- b. OR.xml
- c. Web.xml
- d. context-param

50. Which of the following is used to create and manage number of instances of JPA

- a. **EntityManagerFactory**
- b. EntityTransaction
- c. EntityManager
- d. Persistence

