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Test Name	Advance Java
Date Time	16-Jan-2023 05:30 PM
Duration	1 hrs
Total Marks	70
Answered	45/70 - (64)%
Unattempt	4

Question 1: When destroy() method of filter is called?

Option 1: The destroy() method is called only once at the end of the life cycle of a filter

Option 2: The destroy() method is called after the filter has executed doFilter method

Option 3: Both of the mentioned

Option 4: The destroyer() method is called after the filter has executed

Your Answered: Correct

Question 2: Which of the following code is used to get an attribute in a HTTP Session object in servlets?

Option 1: session.getAttribute(String name)

Option 2: session.alterAttribute(String name)

Option 3: session.updateAttribute(String name)

Option 4: session.setAttribute(String name)

Your Answered: Correct

Question 3: Which class provides stream to read binary data such as image etc. from the request object?

Option 1: ServltInputStream

Option 2: ServletOutputStream

Option 3: Both A and B

Option 4: none

Your Answered: Correct

Question 4: When doGet() method of servlet gets called?

Option 1: A GET request results from a normal request for a URL

Option 2: The service() method checks the HTTP request type as GET and calls doGet() method

Option 3: Both A and B

Option 4: none

Your Answered: Wrong

Question 5: A servlet maintain session in

Option 1: Servlet container

Option 2: Servlet context

Option 3: Servlet request heap

Option 4: Servlet response heap

Your Answered: Correct

Question 6: In servlet Which object of HttpSession can be used to view and manipulate information about a session?

Option 1: session identifier
Option 2: creation time
Option 3: last accessed time
Option 4: All

Your Answered: Correct

Question 7: The tasks – authentication-blocking of requests, data compression, logging and auditing – are performed by

Option 1: servlet filter
Option 2: servlet config
Option 3: servlet context
Option 4: servlet container

Your Answered: Wrong

Question 8: In servelet Which of the following are the session tracking techniques?

Option 1: URL rewriting, using session object, using response object, using hidden fields
Option 2: URL rewriting, using session object, using cookies, using hidden fields
Option 3: URL rewriting, using servlet object, using response object, using cookies
Option 4: URL rewriting, using request object, using response object, using session object

Your Answered: Correct

Question 9: Which of the following is true about servlets?

Option 1: Servlets execute within the address space of web server
Option 2: Servlets are platform-independent because they are written in java
Option 3: Servlets can use the full functionality of the Java class libraries
Option 4: Servlets execute within the address space of web server, platform independent and uses the functionality of java class libraries

Your Answered: Wrong

Question 10: Which of the following are the principal stages in the life cycle of Java Servlet.
i) Server Initialization
ii) Servlet Execution
iii) Servlet Destruction
iv) Servlet Stop

Option 1: i, ii, and iii only

Option 2: i, iii, and iv only

Option 3: ii, iii, and iv only

Option 4: All i, ii, iii, and iv only

Your Answered: Correct

Question 11: JSP includes a mechanism for defining …………………………. or custom tags.

Option 1: static attributes

Option 2: local attributes

Option 3: dynamic attributes

Option 4: global attributes

Your Answered: Wrong

Question 12: How to enable annotations in Spring?

Option 1: Add <annotation-context: config /> to the bean configuration.
Option 2: Add <annotation-config /> to the bean configuration.
Option 3: Add <annotation-context-config /> to the bean configuration.
Option 4: Add <contexte: annotation-config /> to the bean configuration.

Your Answered: NOT ATTEMPT

Question 13: How to define a bean in Spring?

Option 1: Use only the following <property />
Option 2: Use only the following
Option 3: Use <property /> or .
Option 4: None

Your Answered: Correct

Question 14: Sessionfactory can manage contextual sessions for you and allows you to retrieve them by the

Option 1: getCurrent() method
Option 2: getSession() method
Option 3: getCurrentSession() method
Option 4: none

Your Answered: Correct

Question 15: Spring's core transaction management abstraction is based on the interface -

Option 1: PlatformManager
Option 2: TransactionManager
Option 3: PlatformTransaction
Option 4: PlatformTransactionManager

Your Answered: Correct

Question 16: What is the scope of bean in portlet context?

Option 1: session
Option 2: global-session
Option 3: request
Option 4: prototype

Your Answered: Correct

Question 17: How many types of method injection are available in spring?

Option 1: Four
Option 2: Two
Option 3: Eight
Option 4: one

Your Answered: Correct

Question 18: In Spring Method that allows you to start a new transaction is called

Option 1: commit()

Option 2: getTransaction()

Option 3: rollback()

Option 4: none

Your Answered: Correct

Question 19: Which of the following is FALSE about Session in hibernate

Option 1: Session is a lightweight non-threadsafe object

Option 2: You can share the session between threads

Option 3: Session represents a single unit-of-work with the database

Option 4: Session is the primary interface for the persistence service

Your Answered: Wrong

Question 20: Which of the following is not a state of object in Hibernate?

Option 1: Attached()

Option 2: Detached()

Option 3: Persistent()

Option 4: Transient()

Your Answered: Correct

Question 21: Annotation added as an input parameter to the handler method

Option 1: @PathVariable
Option 2: @Path
Option 3: @PathLocale
Option 4: none

Your Answered: Correct

Question 22: Hibernate is a _____?

Option 1: ORM
Option 2: SQL Tools
Option 3: CRM
Option 4: none

Your Answered: Correct

Question 23: Hibernate sessionfactory represent which level of cache?

Option 1: Hibernate first level cache
Option 2: Hibernate second level cache
Option 3: Hibernate third level cache
Option 4: none

Your Answered: Correct

Question 24: State whether the following statements about the servlet chaining are True or False.
i) In servlet chaining two or more servlets can cooperate in servicing a single request.
ii) In servlet chaining, one servlet's output is the input of the next servlet.
iii) We can achieve servlet chaining with the help of RequestDispatcher.

Option 1: i-True, ii-True, iii-False

Option 2: i-True, ii-False, iii-True

Option 3: i-False, ii-True, iii-True

Option 4: i-True, ii-True, iii-True

Your Answered: Wrong

Question 25: Which of the following is the difference between a session and a cookie.
i) Section is stored in the server but a cookie is stored in the client.
ii) There is a limit on the amount of data that can be stored on the session but it is not limited to cookies.
iii) Section can store objects and cookies can store only strings.

Option 1: i and ii only

Option 2: ii and iii only

Option 3: i and iii only

Option 4: All i, ii and iii

Your Answered: Correct

Question 26: The difference between Servlets and JSP is the …………….

Option 1: translation
Option 2: compilation
Option 3: syntax
Option 4: Both A and B

Your Answered: Wrong

Question 27: Which ORM does Spring support?

Option 1: Hibernate
Option 2: iBatis
Option 3: JPA
Option 4: All

Your Answered: Correct

Question 28: Which of the following statements is true regarding the scope of 'request' in JSP?

Option 1: Objects with request scope are accessible from pages processing the same request where,they were created

 Option 2: All references to the object shall be released after the request is processed; in part

Option 3: References to objects with request scope are stored in the request object.
Option 4: All

Your Answered: Wrong

Question 29: Which element is used to specify access attributes for bean' s methods

Option 1: security:intercept
Option 2: security:protect
Option 3: security:intercept-security
Option 4: none

Your Answered: Correct

Question 30: Which are the ioc container in spring?

Option 1: BeanFactory
Option 2: ApplicationContext
Option 3: Both BeanFactory & ApplicationContext
Option 4: none

Your Answered: Wrong

Question 31: How many layers are available in Hibernate architecture?

Option 1: Three
Option 2: four
Option 3: five
Option 4: two

Your Answered: Wrong

Question 32: Notation for defining REST endpoints.

Option 1: { }

Option 2: *

Option 3: All

Option 4: none

Your Answered: Wrong

Question 33: REST service end point comprises an address.

Option 1: starts with http:// and ends with ?

Option 2: starts with http:// and ends with &

Option 3: no certain URL is specified

Option 4: depends upon the platform used

Your Answered: Correct

Question 34: Which of the following is NOT a mapping association used in Hibernate?

Option 1: Many-to-Many Association

Option 2: One-to-Many Associationcorrect

Option 3: One-to-One Association

Option 4: none

Your Answered: Wrong

Question 35: What is the full form of POJOs?

Option 1: Plane Old Java Objects

Option 2: Particular Old Java Objects

Option 3: Plain Open Java Objects

Option 4: Plain Old Java Objects

Your Answered: Wrong

Question 36: In the web.xml , session configuration is
<session-config>
<session-timeout>0<session-timeout>
</session-config>

What does this means?

Option 1: Session are never invalidated.

Option 2: Sessions are never created

Option 3: Session timeout is 0 so sessions never get created.

Option 4: None of the above

Your Answered: Wrong

Question 37: Which of the following code retrieves the value of a request parameter

Option 1: Header.getParameter(name)

Option 2: response.getParameter(name)

Option 3: request.getParameter(name)

Option 4: none

Your Answered: Correct

Question 38: Which methods are used to bind the objects on HttpSession instance and get the objects?

Option 1: setAttribute

Option 2: getAttribute

Option 3: Both A and B

Option 4: none

Your Answered: Correct

Question 39: State whether the following statements about the Java servlet life cycle are True or False.
i) init() and destroy() method will be called only once during the lifetime of the servlet.
ii) Once the servlet is initialized any request that the servlet container receives will be forwarded to the servlet's execute() method.

Option 1: i-True, ii-True

Option 2: i-True, ii-False

Option 3: i-False, ii-True

Option 4: i-False, ii-False

Your Answered: Wrong

Question 40: 19. State whether the following statements about the servlet init parameters are True.
i) Servlet init parameters are for a single servlet only.
ii) It is declared inside the <servlet> tag inside the deployment descriptor.
iii) Servlet init parameters can also be accessed outside it.

Option 1: i and ii only

Option 2: ii and iii only

Option 3: i and iii only

Option 4: All i, ii and iii

Your Answered: NOT ATTEMPT

Question 41: The _____ class can be extended to create a custom event in Spring.

Option 1: SpringEvent

Option 2: Event

Option 3: ApplicationEvent

Option 4: None of the above

Your Answered: Wrong

Question 42: Which are the IoC containers in Spring?

Option 1: BeanFactory, BeanContext, IocContextFactory

Option 2: BeanFactory, ApplicationContext

Option 3: BeanFactory, ApplicationContext, BeanContext

Option 4: BeanFactory, ApplicationContext, IocContextFactory

Your Answered: Correct

Question 43: Which method is used to process bean before initialization callback

Option 1: postProcessAfterInitialization()

Option 2: scope

Option 3: postProcessBeforeInitialization()

Option 4: it's own constructor

Your Answered: Correct

Question 44: In spring Which tag is also allowed by static field?

Option 1: util:constant

Option 2: list

Option 3: constructor-args

Option 4: set

Your Answered: Correct

Question 45: Spring EJB Support Classes for Different Types of EJB

Option 1: stateful session beans (SFSBs)

Option 2: message-driven beans (MDBs)

Option 3: stateless session beans (SLSBs)

Option 4: AbstractStatefulSessionBean

Your Answered: NOT ATTEMPT

Question 46: What is bean scope?

Option 1: Bean scope defines the accessibility of bean in a java class.

Option 2: Bean scope defines the accessibility of bean in a java package

Option 3: Bean scope defines the accessibility of bean in a web application.

Option 4: Bean scope forces Spring to produce a new bean instance as per the scope defined

Your Answered: Correct

Question 47: Select the inheritance model which is NOT available in Hibernate

Option 1: Tables Per Concrete Class

Option 2: Table Per class hierarchy

Option 3: Table Per sub-class

Option 4: Table Per Object

Your Answered: Correct

Question 48: Which of the following is true about query level cache in hibernate?

Option 1: Query level cache is an optional feature

Option 2: Query level cache requires two additional physical cache regions that hold the cached query results and the timestamps when a table was last,u

Option 3: Query level cache is only useful for queries that are run frequently with the same parameters

Option 4: none

Your Answered: Wrong

Question 49: Select the design pattern that should be followed while creating SessionFactory in hibernate?

Option 1: Singleton

Option 2: Prototype

Option 3: Both

Option 4: none

Your Answered: Wrong

Question 50: In which file database table configuration is stored?

Option 1: .dbm

Option 2: .hbm

Option 3: .ora

Option 4: .sql

Your Answered: Correct

Question 51: Which of the following is not a core interface of Hibernate?

Option 1: Configuration

Option 2: Criteria

Option 3: SessionManagement

Option 4: Session

Your Answered: Correct

Question 52: Which of the following method is used inside session only

Option 1: merge()

Option 2: update()

Option 3: end()

Option 4: kill()

Your Answered: Correct

Question 53: To publish a REST service with Spring

Option 1: publishing an application's data as a REST service
Option 2: accessing data from third-party REST services
Option 3: none
Option 4: All

Your Answered: Wrong

Question 54: XML tag which represents information related to a REST service request

Option 1: Result
Option 2: Title
Option 3: none
Option 4: all

Your Answered: Correct

Question 55: Which of the following code retrieves the value of a request parameter?

Option 1: Header.getParameter(name)
Option 2: response.getParameter(name)
Option 3: request.getParameter(name)
Option 4: none

Your Answered: Correct

Question 56: State whether the following statements about the GetQueryString method are True or False.
i) GetQueryString method returns a query string present in the request URL if any.
ii) If there is no query string, getQueryString() method returns null

Option 1: i-True, ii-True

Option 2: i-True, ii-False

Option 3: i-False, ii-True

Option 4: i-False, ii-False

Your Answered: Wrong

Question 57: JDBC is a ………………… interface, which means that it is used to invoke SQL commands directly

Option 1: low-level

Option 2: middle-level

Option 3: higher-level

Option 4: user

Your Answered: Correct

Question 58: Choose the statement that best describes the relationship between JSP and servlets:
A. Servlets are built on JSP semantics and all servlets are compiled to JSP pages for runtime
usage.
B. JSP and servlets are unrelated technologies.
C. Servlets and JSP are competing technologies for handling web requests. Servlets are being
superseded by JSP, which is preferred. The two
technologies are not useful in combination.
D. JSPs are built on servlet semantics and all JSPs are compiled to servlets for runtime usage.

Option 1: Only A

Option 2: Only B

Option 3: Both A and B

Option 4: none

Your Answered: Correct

Question 59: What is spring?

Option 1: Proprietary framework.

Option 2: Open source development framework for enterprise Java

Option 3: Spring is a development framework for .Net applications.

Option 4: Spring is a development framework for PHP based applications.

Your Answered: Correct

Question 60: Which of the following is part of Data Access layer in Spring framework?

Option 1: JMS

Option 2: Beans

Option 3: Aspects

Option 4: Contexts

Your Answered: Correct

Question 61: Method to start a new transaction with that definition

Option 1: commit()

Option 2: rollback()

Option 3: getTransaction()

Option 4: none

Your Answered: Correct

Question 62: Which of following method is used to gracefully shutdown all the bean processes after closing the spring container?

Option 1: destory method

Option 2: shutdownHook

Option 3: session method

Option 4: None of these

Your Answered: Correct

Question 63: What is the default scope of the beans?

Option 1: Prototype

Option 2: session

Option 3: Request

Option 4: Singleton

Your Answered: Correct

Question 64: Which of the following are most common configuration methods of Hibernate Configuration

Option 1: XML Configuration hibernate.cfg.xml

Option 2: Mapping files and XML Configuration hibernate.cfg.xml

Option 3: web.config

Option 4: http.conf

Your Answered: NOT ATTEMPT

Question 65: Which of the following are tags of hibernate.cfg.xml?

Option 1: SQL variant to generate

Option 2: DTD

Option 3: JDBC connection

Option 4: all

Your Answered: Correct

Question 66: Which statement is correct?

Option 1: Only the Session that you obtained with sf.getCurrentSession() is flushed and closed automatically
Option 2: Only the Session that you obtained with sf.openSession() is flushed and closed automatically
Option 3: Only the Session that you obtained with sf.getNewSession() is flushed and closed automatically
Option 4: none

Your Answered: Wrong

Question 67: Accessing a third-party REST service inside a Spring application

Option 1: RestTemplate Class
Option 2: ViewResolver
Option 3: InternalViewResolver
Option 4: View

Your Answered: Correct

Question 68: RestTemplate class method which performs an HTTP HEAD operation.

Option 1: headForHeaders(String, Object…)
Option 2: getForObject(String, Class, Object…)
Option 3: postForLocation(String, Object, Object…)
Option 4: postForObject(String, Object, Class, Object…)

Your Answered: Correct

Question 69: Which of the following is not a core interface of Hibernate?

Option 1: Configuration
Option 2: Criteria
Option 3: SessionManagement
Option 4: Session

Your Answered: Correct

Question 70: Identify the true statement about <class> element?

Option 1: The database table name is specified using the table attribute of the class element.
Option 2: The Java class name is specified using the name attribute of the class element.
Option 3: The <class> elements are used to define specific mappings from a Java classes to the database tables.
Option 4: all

Your Answered: Correct