1.em.createQuery("select object(o) from Dog as o").getResultList();

2.The text in an <h3> tag is displayed in a larger size font than the text in an <h4> tag. TRUE

A. True

B. False

3.Which type of list uses bullets? UL

A. <ol>

B. <ul>

5.The content of a web page is specified using HTML

A. CSS

B. HTML

C. JavaScript

6.Assume the default font size is 20px. Then a font specified to be of size 2.5em is what size in pixels?

20 \* 2.5 = 50px

7.XML is case-sensitive.

A. True

B. False

8.XML uses namespaces to avoid

A. Extra white space in documents

B. Spelling errors in tag names

C. Naming collisions in documents

9.Assume we have defined an XML language using the DTD below.

<?xml version="1.0" encoding="UTF-8"?>

<!ELEMENT a (b, c+, d\*)>

<!ELEMENT b (#PCDATA)>

<!ELEMENT c (#PCDATA)>

<!ELEMENT d (#PCDATA)>

The element c may be omitted.

A. True

B. False

10.HTTP is a stateless protocol.TRUE

11.When an AJAX response is received on the client side, it is handled by a JavaScript function called the \_\_\_\_\_callback\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function.

12.Assume the Java variable gen of type JsonGenerator. To start writing a JSON object, we call gen.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_().

A. write

B. start

C. writeStartObject

13.Questions 9-12 pertain to this code for a start page:

<body>

<\_\_\_\_\_\_FORM\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ACTION\_\_\_\_\_\_\_\_\_\_\_\_\_\_="Response.jsp">

Ice cream flavor:

<input type="text" name="flavor">

<input type="\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_" value="Order">

</\_\_\_\_\_\_\_FORM\_\_\_\_\_\_\_\_\_\_\_\_\_>

</body>

\*What is the missing attribute in the second line? \_\_action\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\* What is the missing attribute value in the fifth line? \_\_submit\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. A language-country combination is called a

A. converter

B. locale

C. property

15.<h:body>

<ui:insert name="cat"></ui:insert>

<br />

<ui:insert name="dog"></ui:insert>

</h:body>

Complete the code in the facelet below so that the web page produced looks like the following when displayed in a browser.

<h:body>

<ui:composition template="./template.xhtml">

<ui:define name="cat">

Fluffy

</ui:define>

16.RESTful web services use a WSDL file.

A. true B. false

17.Assume a web page contains an element with id = "hi". Write CSS code to display this element in the color yellow.

#hi { color: yellow; }

18.document.getElementById("purchase").onclick = reserveSeat;

19.jQuery is used for server-side programming.

A. True B. False

20.The AJAX response has been received from the server when request.readyState == \_\_\_4\_\_\_\_\_\_\_

21.In AJAX, the request object is of type

A. Request

B. HttpRequest C. XMLHttpRequest

22.request.responseText

23.In MVC, the letter V stands for A. Vision B. Version C. View

24.@Entity

25. Assume a web page contains this HTML:

<input type="text" id="name">

jQuery code to assign the value the user entered in this input box to the variable userName is

var userName = $("#name").\_\_\_\_\_\_\_\_\_

A. val

B. value

C. val()

D. value()

26.document.getElementById("hello").\_\_\_\_\_\_\_\_ = handleClick;

A. click

B. onclick

C. clicked

27. Assume we are using this media query in CSS:

@media all and (min-width:300px) { h2 { color:pink; }}

Assume this is the entire CSS file. If the browser window is 200px wide, h2 headers are displayed in what color?

A. pink

B. black

28. To put a label name around border for a group of checkboxes in HTML, we use which of the following tags?

A. <fieldset>

B. <border-group>

C. <group>

D. <legend>

29.choose tag must have more than one when true or false

30.(2 pts) In the code below

<h:outputText

value="#{UserBean.studentGPA}"

/>

The expression #{UserBean.studentGPA} invokes what method when form is submited?

A. studentGPA()

B. getStudentGPA ()

C. setStudentGPA ()

31. AJAX replaces jquery true or false

32.responsive web design is used for

33.JSP $(param.hello}

34. restful web services - JAX-RS

35. perisistence - read defination

36. JSTL Choose - Can have multiple when

37. validation error for double range- validateDoubleRange

38. ajax is alternative to jquery

39: css - styling for the web page

40: javascript - events for the web page

42: