

B.Tech. DEGREE EXAMINATION, NOVEMBER 2018
3rd to 7th Semester

15IT445E – INTERACTIVE WEB PAGE SCRIPTING
(For the candidates admitted during the academic year 2015-2016 to 2017-2018)

Note:

- (i) **Part - A** should be answered in OMR sheet within first 45 minutes and OMR sheet should be handed over to hall invigilator at the end of 45th minute.
- (ii) **Part - B** and **Part - C** should be answered in answer booklet.

Time: Three Hours

Max. Marks: 100

PART – A (20 × 1 = 20 Marks)

Answer **ALL** Questions

1. Which feature in web site adapts to various screen size?
(A) Responsive web design (B) Adaptive web design
(C) Agile web design (D) Restructure web design
2. Social media icons are supposed to be placed in _____ as best practice.
(A) Header (B) Footer
(C) Left side navigation bar (D) Right side navigation bar
3. Which layout CSS position property makes content not to move even scrolling is done of web page?
(A) Absolute (B) Fixed
(C) Relative (D) Static
4. Which CSS property is to provide change in color on link when it is clicked?
(A) Active (B) Link
(C) Visited (D) Mover
5. Where to place link for external javascript file in HTML page?
(A) Header (B) Bottom line of web page
(C) First line of web page (D) Any where in web page
6. Which method in java script is to identify if a specific feature is supported in the browser?
(A) getfeature () (B) getDetails ()
(C) getContext () (D) getBrowserfeatures ()
7. Mention the usage of cookie in web page, which statement is wrong
(A) They are name value pair stored in browser (B) They are anim atron library used for animation
(C) It has expiry time set (D) It cannot exceed more than 4 kb size
8. Java FX UI building tool is _____.
(A) Window builder (B) SWT toolkit
(C) FX builder (D) Scene builder

9. Name the file create in JavaFX based on UI interface
 - (A) .XML
 - (B) .FXMC
 - (C) .FXUI
 - (D) .FORM
10. Java script syntax for creating an object is given below which one wrong
 - (A) Var obj = new object ();
 - (B) Var obj = {name: "Ganesh", age:20};
 - (C) Var obj = new class ();
 - (D) Var obj = person;
11. Which one is the correct syntax to include JSTL core library?
 - (A) <%JSTL prefix = "c" url = http://java.sun.com%>
 - (B) <%@taglib prefix = "c" url = http://java.sun.com%>
 - (C) <include JSTL prefix = "c" url = http://java.sun.com%>
 - (D) <%FSTL core = "c" url = http://java.sun.com%>
12. Which tag should be used to pass information from JSP to include another JSP?
 - (A) using <% JSP:page> tag
 - (B) using <% JSP:parm> tag
 - (C) using <% JSP:import> tag
 - (D) using <% JSP:usebean> tag
13. Which of the following command is not DDL?
 - (A) Create
 - (B) Select
 - (C) Alter
 - (D) Drop
14. For styling javaFX UI we can use _____.
 - (A) CSS
 - (B) XSL
 - (C) XML
 - (D) Style builder
15. <% = %> tag in JSP represent
 - (A) Expression tag
 - (B) Declarative tag
 - (C) Action tag
 - (D) Directive tag
16. JavaFX application needs _____ methods to define execution code.
 - (A) Init ()
 - (B) Main ()
 - (C) Start ()
 - (D) Oncreate ()
17. Which is the correct syntax for redirecting a JSP page to another JSP?
 - (A) request.SendRedirect (url);
 - (B) reponse.SendRedirect (url);
 - (C) request.SetRedirect (url);
 - (D) response.SetRedirect (url);
18. Which statement is correct in respect to following SQL query SELECT * from customers WHERE city LIKE "ber%";?
 - (A) Selects all customer with city name with ber
 - (B) Selects all customers with city ending with ber
 - (C) Selects all customers with city starting with "ber"
 - (D) Selects all customer with city matching with "ber" in the word
19. Which statement about JSON is incorrect?
 - (A) JSON stands for javascript object notation
 - (B) JSON is a light weight data exchange format
 - (C) JSON is easy to understand
 - (D) JSON is language dependent

20. What is the annotation used in JavaFX in controller class to declare instance of UI object declared in FXML?
(A) @FXUI
(B) @FXvar
(C) @FXML
(D) @Var

PART – B ($5 \times 4 = 20$ Marks)
Answer ANY FIVE Questions

21. Write notes on navigation of web page best practices.
22. List different positioning CSS properties for page layout demonstrate relative layout property with code example.
23. With code snippet demonstrate the usage of java script window object.
24. Write notes on controller class in javaFX.
25. Write notes on action tags in JSP.
26. With example provide notes on DDL commands in MYSQL.
27. Write down steps to connect ASP with MYSQL.

PART – C ($5 \times 12 = 60$ Marks)
Answer ALL Questions

28. a. Explain in detail about website design best practices.
(OR)
b. Provide notes on web content management system and its tools in detail.
29. a. Explain in detail the application structure of javaFX.
(OR)
b. With code snippets provide notes on java script features on
(i) Browser features
(ii) Image manipulation
30. a. Create a JSP program to take user name and password from a form and display welcome message if user name and password is correct. [Hard coded].
(OR)
b. With code snippets provide notes on JSTL core, SQL and XML tags.
31. a. Explain various ways to structure JSON for data-exchange with sample code snippets.
(OR)
b. Write a python programme to fetch values from list and display it in console.
32. a. Write program to connect ASP to MYSQL.
(OR)
b. Explain in detail on DDL and DML commands in SQL.

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