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

15IT304J – WEB PROGRAMMING
(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. From which tag the descriptive list starts?
   (A) <LL>
   (B) <DD>
   (C) <DL>
   (D) <DS>

2. How can we open a link in a new browser window?
   (A) <a href = "url" target = "new">
   (B) <a href = "url" target = "-blank">
   (C) <a href = "url"· new">
   (D) <a href = "url" target = "open">

3. Which is the first internet search engine?
   (A) google
   (B) archie
   (C) altouista
   (D) wais

4. How can we write comment along with ISS code?
   (A) /*comment*/
   (B) //comment//
   (C) /comment/
   (D) < 'comment'>

5. In a javascript application what function can be used to send messages to users requesting for an text input.
   (A) Display ( )
   (B) Alert ( )
   (C) GetOutput ( )
   (D) Prompt ( )

6. Integer variable is declared using the following syntax in javascript.
   (A) Integer num
   (B) Var num
   (C) Int num
   (D) Integer num

7. The term AJAX expands to
   (A) Assynchronous java and XML
   (B) Assynchronous javascript and XML
   (C) Accumulated java and XML
   (D) Accumulated javascript and XML

8. Which of the following function of string object returns the index within the calling string object of the last occurrence of specified value?
   (A) lastindexof ( )
   (B) search ( )
   (C) substr ( )
   (D) indexof ( )

14NF3-7/ 15IT304J

9. In which technology do we mix our business logic with the presentation logic?
   (A) Servlet
   (B) JSP
   (C) Java
   (D) XML

10. Which tag is used to execute java source code in JSP?
    (A) Declaration tag
    (B) Scriptlet tag
    (C) Expr tag
    (D) Content tag

11. Which JSP action tag is used to include the content of HTML?
    (A) jsp:include
    (B) jsp:forward
    (C) jsp:plugin
    (D) jsp:papam

12. Which of the following code sends a cookie in servlet?
    (A) response.addcookie(cookie)
    (B) response.sendcookie(cookie)
    (C) response.create(cookie)
    (D) request.create(cookie)

13. Which one of the following function is capable of reading a file into an array?
    (A) file ( )
    (B) arrfile ( )
    (C) arr-file ( )
    (D) file-array ( )

14. Which of the following PHP statement will store '111' in var num
    (A) int $ num = 111
    (B) int num = 111
    (C) $ num = 111
    (D) num = 111

15. What Will Be The Output Of The Following PHP Code? <? Php $ Color = "Maroon"; $Var = $ Color [2]; Echo "$var";?>
    (A) a
    (B) error
    (C) $var
    (D) r

16. The attribute used to define a namespace
    (A) XMLNS
    (B) XMLNameSpace
    (C) xmlns
    (D) XmLNs

17. Which one of these technology is note used in AJAX?
    (A) ISS
    (B) DOM
    (C) DHTML
    (D) Flash

18. Ajax is based on
    (A) Javascript and XML
    (B) Javascript and java
    (C) VBScript and XML
    (D) Javascript and HTTP requests

19. Which control is required for every page that have AJAX extension for ASP.NET?
    (A) Update panel
    (B) Script manager
    (C) Control panel
    (D) AsyncPostBackTrigger

20. Ajax is made popular by?
    (A) Microsoft
    (B) Google
    (C) Sun microsystem
    (D) IBM

PART – B (5 × 4 = 20 Marks)
Answer ANY FIVE Questions

21. Describe about second generation of world wide web.

22. Compare any four parameters to differentiate between FTP and TFTP.

23. List and explain methods defined in document and window object.

24. Brief the methods in servlet life cycle.

25. Write a JSP program to display the Fibonacci of a given number.

26.i. List out the various PHP data types.

  ii. List out the rules of defining a PHP variables.

27. Explain any four characteristics of web services.

PART – C (5 × 12 = 60 Marks)
Answer ALL Questions

28. a. Discuss in detail about internet technologies.

(OR)

  b.i. Design a HTML form for railway reservation system.

   ii. Explain the frames and tables tag of HTML with suitable example.

29. a. Write javascript to validate any five HTML for objects for a typical online user registration process.

(OR)

  b. Design a webpage with a textbox where the user can enter only text. Write a javascript which throws exception if he enters any number. In the same script include atleast three event handler.

30. a. What is server side scripting? Explain java servlet pages in detail.

(OR)

  b. Create a web page to fetch user details (name, password, phone no, email ID) and display the details on the next page when the page is submitted using servlet.

31. a. Create a XML document to store voter ID, voter name, address and data of birth of a person. Create a DTD to validate the document and present it using XSLT.

(OR)

  b. Elaborate control structure in PHP.

32. a. Explain how to create, publish, test and describe a web services.

(OR)

  b. Explain about the architecture of AJAX web application with the sample code snippet.

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