

**Anekant Education Society's**  
**Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati**  
**(Autonomous)**  
**Department of Computer Science**

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**Class: S. Y. B.Sc. (Comp. Sci.)**

**Semester: I**

**Paper Title: Introduction to Web Technology**

**Paper Code: CSCO2302**

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**Question Bank**

**Type of Question: Objective Questions**

1. ARPANET stands for?
  - a) Advanced Research Project Agency Network
  - b) Advanced Research Programmed Auto Network
  - c) Advanced Research Project Automatic Network
  - d) Advanced Research Project Authorized Network
  
2. In this technique, there is no direct contact between users and their programs during execution.
  - a) Time Sharing
  - b) Batch Processing
  - c) System Processing
  - d) Message Passing
  
3. A technique that marked the beginning of computer communications.
  - a) Batch Environment
  - b) Message passing
  - c) User Environment
  - d) Time Sharing
  
4. A type of technique in which dumb terminals are connected to a central computer system.
  - a) Time Sharing
  - b) Message passing
  - c) Batch environment
  - d) User environment
  
5. Packet switching was invented in?
  - a) 1960s
  - b) 1980s
  - c) 2000s
  - d) 1990s

6. The probability of failure-free operation of a software application in a specified environment for a specified time.

- a) Software Reliability
- b) Software Quality
- c) Software availability
- d) Software Safety

7. World Wide Web is being standard by

- a) Worldwide corporation
- b) W3C
- c) World Wide Consortium
- d) World Wide Web Standard

7. Which is the first Internet search engine?

- a) Google
- b) Archie
- c) AltaVista
- d) WAIS

8. What does error 404 or not Found error while accessing a URL mean?

- a) The server could not find the requested URL
- b) Requested HTML file is not available
- c) The path to the interpreter of the script is not valid
- d) The requested HTML file does not have sufficient permissions

9. Following tags directly introduce content into the page.

- A) `<img />`
- B) `<input />`
- C) both (A) and (B)
- D) None of the above

10. HTML was initially released in the year

- A) 1991
- B) 1993
- C) 1995
- D) 1997

11. The Document Type Declaration `<!DOCTYPE html>` is for

- A) HTML2
- B) HTML3
- C) HTML4
- D) HTML5

12. A typical \_\_\_\_\_ program creates some remote objects, makes references to these objects accessible, and waits for clients to invoke methods on these objects.

- a) Server
- b) Client
- c) Thread
- d) Concurrent

13. A typical \_\_\_\_\_ program obtains a remote reference to one or more remote objects on a server and then invokes methods on them.

- a) Server                      b) Client                      c) Thread                      d) Concurrent

14. 1. The \_\_\_\_\_ is connected to servers (typically powerful workstations or PCs) that play a dual role.

- a) Database    b) Software                      c) Hardware                      d) none of the mentioned

15. In the Client-Server architecture, the component that processes the request and sends the response is

- a) Client    b) Server                      c) Protocol    d) Network    e) Process

16. Which of the following is designed to control the operations of a computer?

- a) Application Software                      b) System Software  
c) Utility Software                      d) User

17. Which of the following is not an example of system software?

- a) Language Translator                      b) Utility Software  
c) Communication Software                      d) Word Processors

18. A person who designs the programs in a software package is called :

- a) User                      b) Software Manager  
c) System Developer                      d) System Programmer

19. \_\_\_\_\_ is designed to solve a specific problem or to do a specific task.

- a) Application Software                      b) System Software  
c) Utility Software                      d) User

20. Assembler is used as a translator for?

- a) Low level language
- b) High Level Language
- c) COBOL
- d) C

21. What do you call a program in execution?

- a) Command
- b) Process
- c) Task
- d) Instruction

22. Which of the following is not a process state?

- a) Terminated
- b) Running
- c) Blocked
- d) Execution

23. Which of the following is a container?

- a) <SELECT>
- b) <BODY>
- c) <INPUT>
- d) Both (a) and (b)

23. '.JPG' extension refers usually to what kind of file?

- a) System file
- b) Animation/movie file
- c) MS Encarta document
- d) Image file

24. '.BAK' extension refers usually to what kind of file?

- a) Backup file
- b) Audio file
- c) Animation/movie file
- d) MS Encarta document

25. The client-server model is an approach to computer network programming developed at \_\_\_\_\_.

- a) AT&T Bell Lab
- b) Xerox PARC
- c) Intel Lab
- d) None of the above

26. The first line of HTTP request message is called \_\_\_\_\_.

- a) Request line
- b) Header line
- c) Status line
- d) Entry line

27. The local operating system on the server machine passes the incoming packets to the
- a) Server stub
  - b) client stub
  - c) Client operating system
  - d) none of the above
28. The WWW today is a \_\_\_\_\_ client-server service, in which a client using a browser can access a service using a server.
- a) Limited
  - b) vast
  - c) distributed
  - d) none of the above
29. Which of the following is an example of a client-server model?
- a) FTP
  - b) DNS
  - c) TELNET
  - d) All of the above
30. Network in which each computer is either acts as server or a client is called
- a) Dedicated server network
  - b) peer-to-peer network
  - c) Metropolitan area network
  - d) local area network
31. Which of the following tag is used to mark a beginning of paragraph?
- a) <TD>
  - b) <br>
  - c) <P>
  - d) <TR>
32. The attribute of <form> tag
- a) Method
  - b) Action
  - c) Both (a)&(b)
  - d) None of these
33. WWW is based on which model?
- a) Local-server
  - b) Client-server
  - c) 3-tier
  - d) None of these
34. From which tag the descriptive list starts?
- a) <LL>
  - b) <DD>
  - c) <DL>
  - d) <DS>
35. Correct HTML to left align the content inside a table cell is
- a) <tdleft>
  - b) <td ralign = "left" >
  - c) <td align = "left">
  - d) <td leftalign>

36. The tag which allows you to nest other HTML tags within the description is

- a) <TH>      b) <TD>      c) <TR>      d) <CAPTION>

37. How can you 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">

38. The tag used to create a new list item and also include a hyperlink is

- a) <LI>      b) <DL>      c) <DD>      d) <UL>

39. The text inside the <TEXT AREA> tag works like

- a) <P> formatted text      b) <T> formatted text  
c) <PRE> formatted text      d) none of these

40. How can you make an e-mail link?

- a) <mail href +"xxx@y.com">      b) <a href ="mail to: xxx@y.com">  
c) <a href = "xxx@y.com">      d) Both (b) and (c)

41. If we want define style for a unique element, then which CSS selector will we use?

- a) Id      b)text      c)class      d)name

42. If we don't want to allow a floating div to the left side of an element, which css property will we use?

- a) Margin      b) Clear      c) Float      d) Padding

43. If we want to wrap a block of text around an image, which CSS property will we use?

- a) Wrap      b) Push      c)float      d)align

44. JavaScript is designed for following purpose -

- a) To Perform Server Side Scripting Operation
- b) To Execute Query Related to DB on Server
- c) To add interactivity to HTML Pages.
- d) To Style HTML Pages

45. CSS types are ..... And.....

- a) Internal                      b) External                      c) Control                      d) Inline
- & b

46. ....character is used to create id in CSS.

- a) %                      b) \$                      c) @                      d) #

47. The .....tag is used to embed audio files on webpages.

- a) <Sound>    b) <audio>    c) <video>                      d) <embeded>

48. JavaScript is.....language.

- a) Compiled                      b) Interpreted                      c) Both a and b                      d) None of the above

49. We CAN DECLARE ALL types of VARI- ABLES using keyword.....

- a) VAR                      b) dim                      c) VARIABLE                      d) DECLARE

50. Select correct method NAME of String object.....

- a) CharAt()                      b) Characterat()                      c) ValueAt()                      d) lengthAt()

### **Type of Questions: Answer in One / Two Sentence**

1. What is a browser?
2. What are Domains?
3. HTML5 support Brewers Names?
4. What is URL?
5. What is a Web Browser?
6. Explain Static & Dynamic Components?
7. Give any five HTML5 Block-level elements?
8. Explain any five HTML5 Inline elements?
9. What do you mean by a computer network?
10. What is the full form of ARPANET?
11. What is multicasting?
12. Protocol means?
13. What is client server architecture with example?
14. List some features of JavaScript.
15. How to write a hello world example of JavaScript?
16. Give any five JavaScript data types?
17. What are the pop-up boxes available in JavaScript?
18. Give any two advantages of CSS?
19. How comments can be added in CSS give example?
20. What is Inline style?

## **Type of Questions: Short Notes**

1. Short note on Domain name server.
2. Write a note on hyperlink
3. Explain dynamic and active dynamic web pages
4. Explain operators in JavaScript
5. Discuss the JavaScript events
6. Explain JavaScript function
7. Write a note on JavaScript objects
8. Discuss the wordpress.
9. Write a short note on Joomla.
10. Discuss Control structures in Java script.
11. Explain inline CSS.
12. Write any three primitive data types in Java script.
13. Write any two features of JavaScript.
14. Explain event handling JavaScript
15. Which browsers support HTML5?
16. Explain any two properties of math object with suitable example
17. Write a short note on Client Server Architecture
18. Explain Object Technology means
19. Write a short note on distributed and client/server computing
20. Explain Alpha Color Space and Opacity

## **Type of Questions: Short Answer Questions**

1. What is www (World Wide Web) with example?
2. What is Memory? State its types.
3. Write the following definitions:
  - (i) Application Software.
  - (ii) System Software.
4. What is a Software Technologies?
5. Explain Client Server Architecture means
6. State the HTML Tags/Elements
7. List any five HTML5 Formatting Tags
8. String objects in JavaScript
9. Explain any four tags within <TABLE> tag.
- 10.**What is a CSS?
- 11.** Explain <frame> Tag.
- 12.What re the different Versions of HTML?
- 13.What is the CSS Box model and what are its elements?
14. Explain difference between HTML and HTML5
15. Explain the features of Internet
16. Write the difference between client and server?
17. Explain Switch and if...else loop with an example.
18. Differentiate between if-else and switch statement.
19. Write a short note on Math object.
20. Explain Event handlers giving examples

## Type of Questions: Long Answer Questions

1. what is a list in HTML5? Explain its types using an example
2. Explain following tags: <meta>, <table>, <per>, <iframe>.
3. Explain following operator in JavaScript
  - a. (i) New (ii) delete (iii) this (iv) void
4. Write a program in java Script to find the number entered by user in textbox is prime or not using function
5. What is event and event handlers in JavaScript? Write JavaScript to demonstrate event handling in JavaScript
6. How many types of dialog boxes can be created using JavaScript? Write how to create them and about their usage.
7. Explain Date object initialization in java script. Explain any two method of date object with example
8. Explain user defined objects and user defined function in JavaScript along with example.
9. What is CSS? Explain different types of CSS with examples and advantages and disadvantages
10. Explain linking between frames along with example. Explain the advantages and disadvantages
11. Write a JavaScript to accept a number from user and check whether the number given is Fibonacci number or not
12. Explain types of variable in JavaScript with suitable program
13. Explain types of lists in html5 with suitable example.
14. What is CSS? Explain different type of CSS with example and advantages.
15. Write html5 code to design GUI from to accept student name, age, address, state, country, gender, hobbies and suggestion.
16. Explain linking between frames along with example. Explain the advantages and disadvantages of frames
17. What is a web browser? List and compare different available web browsers.
18. Explain following tags with example
  - i) <a> (ii) <form> (iii) <input> (iv) Frame
19. What is internet? Explain any two application of internet
20. Write a HTML5 program to display college admission form

21. Write in details JavaScript operators with examples.

22. Design the static web page that displays a marks table with three rows and three columns as shown below:

Marks1	Marks2	Marks3
90	90	99
81	80	82

23. What is external style sheet?