Bosco Technical Training Society

(S-55116 OF 2006), PAN: AABTB0967G

Affiliated to GGSIP University, Delhi

Don Bosco Technical School, Okhla Road, New Delhi-110025 011-41033889

ACADEMIC SESSION AUG 2021 - JULY 2022
BCA BATCH (2020-2023)
SEMESTER – IV

BCA 204: Web Technologies

Question Bank for Internal Examination

Short Questions (Approx. 30 words for 1 mark each)

UNIT - 1

Q1. What is Search engine?

Q2. What do you mean by a web portal?

Q3. Name different types of web portals available.

Q4. Explain the protocol POP3?

Q5. Short note on URL.

Q6. Short note on WWW

Q7. Short note on Internet.

Q8. Differentiate between Container vs Empty tags

Q9. Name different types of list.

Q10. What is domain?

Q11. Name any four different domain names and their meaning.

Q12. Explain the term Newsgroup.

Q13. What is HTML?

Q14. Difference between HTML elements and Tag.

Q15. What are attributes and how do you use them?

UNIT - 2

Q16. What are the limitations of CSS?

Q17. In how many ways can a CSS be integrated as a web page?

Q18. What does CSS selector mean?

Q19. Differentiate logical tags from physical tags?

Q20. What is CSS Box Model

Q21. What are the elements of CSS?

Q22. Define the float property of CSS?

Q23. How to include javascript code in HTML?

Q24. When to use scripts in the head and when to use scripts in the body?

Q25. What are JavaScript Data Types?

Q26. Which company developed JavaScript?

Q27. What are undeclared and undefined variables in JavaScript?

Q28. What is === operator?

Q29. What is called Variable typing in Javascript?

Q30. Difference between "==" and "===".

Long Questions

UNIT - 1

Q1. i) What is Search engine? How it works?

ii) What do you mean by Internet and Intranet? Also explain their merits and demerits.

ii) What do you mean by a web portal? Explain different types of web portals available.

Q2. i) Explain the protocol POP3?

ii) Write a short notes on

URL

WWW

Internet

Container vs empty tags

Q3. Explain different types of lists. How do we decide which type of list is required?

Q4. Explain the various functions of browser. Name any two browsers.

Q5. a) Write HTML code to design a form containing the following fields

Name ii) Address   iii) Mobile No iv) hobbies   v) email

Also, make buttons to send the data and clear the data in the fields.

b) what is domain? Name four different domain names and their meaning.

Q6. a) Differentiate between client side and server-side maps. Write HTML code for server-side map covering all types of shapes.

b) What do you mean by a tag? Explain the following tags

i) PRE   ii) CITE   iii) Q   iv) EM

v) meta   vi) map   vii) link

Q7.a) Compare the terms Browser and Search Engine.

b) Explain the term downloading.

c) Define WWW. What are the various features of WWW?

d) Describe HTTP and URL. What are the various components of frames? Explain briefly.

e) How does browser use html?

Q8. Explain all the tags in Html with their syntax and functionality.

Q9 a) Explain the steps to form floating frames in HTML. Write code to form a floating frame.

b) What is Hotspot? Explain different types by considering an Image Map of your choice.

Q10 a) What do you mean by E-mail and its protocols?

b) what is static web development?

c) Explain the difference between frames and i-frames? What are the benefits of using frames in webpages?

Q11. a) Give a brief of WWW. Write the emergence of web also.

b) Explain the web browser in details with example.

Q12.a) How you create an HTML form?

b) Discuss the external and internal style sheets in detail.

Q13. a) Define HTML. Write the basic tags of HTML also.

b) Explain the external and internal linkage of HTML with example.

Q14. a) Explain different types of protocols (HTTP, FTP, SMTP, TELNET)?

b) Define web page. Explain Internet service provider.

c) Write advantages and application of Internet

Q15. a) Write the features and advantage of HTML

b) What is frames? Explain Hyperlink targets to a frame.

UNIT – 2

Q16. Briefly explain various build in objects in Java Script by giving s suitable example of each Also difference between Inner HTML "Outer HTML" and "Inner Text .

Q17. Write program in Java Script that receives a member from the user and displays the factorial of that number

Q18. A) Explain various types of CSS with the help of an example.

B) Explain difference ways through which JavaScript code can be attached with web page

Q19. Design HTML Form for an Employee. Include following elements

  (a) Name

  (b) Qualification

  (c) Designation

  (d) Gender

  (e) Address

  (f) Hobbies

Q20. What are HTML Lists? Explain its types with example

Q21. What is CSS and describe all Selectors with their use and examples? Also explain various types of CCS with the help of an example

Q22. (A) Create an HTML website for entering Pizza Order with customer information and validate some controls using Java Script and also use CSS.

(B)What is Cascading Style Sheet (CSS)? What are the benefits of CSS? Write code to apply CSS to an HTML document in two different ways.

(C) Explain Text alignment, indentation, decoration, spacing transformation using CSS giving appropriate code .

Q23. A) What is JavaScript? Explain Client-side JavaScript and Server-side JavaScript. Write JavaScript code to display current date and time at the click of a button.

 B) Demonstrate onChange event handler in JavaScript code when input focus exist the field after the user modifies its text.

Q24. What are the control structures available in JAVA? Explain using suitable examples

Q25. (A)Explain Javascript and its functioning.

 (B) Write a program that will compute factorial value of given number

Q26. (A) Write a program which prints out a different greeting based on whether or not it is morning or not. It also, prints the name of the day of the week for today.

(B) Explain the following operators

(I) &&

(ii) !

(iii) ==

(iv) !=

Q27. (A) Write a program to illustrate a user defined function.

(B) What are cascading style sheets? Explain different types of style sheets. Explain style sheet precedence rules. Write code for LINK tag.

Q28. a) Explain Dynamic HTML with example.

b) What is JavaScript? Explain it with example.

Q29. a) Explain the commands of JavaScript that can be used to modify a HTML Document.

b) Explain how events are handled using JavaScript.

Q30. Write a program using JavaScript that changes the text WELCOME to lower case and then again to uppercase. This cycle of conversion is performed after every 10 seconds.