

This question paper consists of 16/36 questions and 9 printed pages.

Roll No.

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Code No. 53/VOC/O

Set

A

**CERTIFICATE IN WEB DESIGNING
(622)**

Day and Date of Examination

Signature of Invigilators 1.

2.

General Instructions :

1. Candidate must write his/her Roll Number on the first page of the question paper.
2. Please check the question paper to verify that the total pages and total number of questions contained in the paper are the same as those printed on the top of the first page. Also check to see that the questions are in sequential order.
3. For the objective type of questions, you have to choose any *one* of the four alternatives given in the question, i.e., A, B, C or D and indicate your correct answer in the answer-book given to you.
4. Making any identification mark in the answer-book or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
5. Answers for questions, like matching, true or false, fill in the blanks, etc., are to be given in the answer-book.
6. Write your Question Paper Code No. 53/VOC/O, Set

A

 on the answer-book.

CERTIFICATE IN WEB DESIGNING

(622)

(Old and Revised)

Time : 3 Hours]

[Maximum Marks : 80

- Instructions :*
- (i) There are two Sections in this question paper., viz., **SECTION—A** containing the question paper based on Old Syllabus and **SECTION—B** based on Revised Syllabus.
 - (ii) You are required to attempt questions from either **SECTION—A** or **SECTION—B**.
 - (iii) Do not attempt questions from both **SECTIONS A** and **B**.
 - (iv) Indicate in your answer-book, before writing answer, which Section you are answering.

SECTION—A

(Old)

Note : All questions are compulsory and carry marks as indicated against each question.

PART—A

(Very short answer-type questions)

1. What is the importance of the following? 1×5=5
 - (a) Start Button
 - (b) Search
 - (c) Recycle Bin
 - (d) Web site
 - (e) E-commerce
2. Write True/False for the following and write your answer in the answer-book : 1×10=10
 - (a) In ring topology, network stations are connected along multiple paths whose ends are joined to form a circle.
 - (b) Domain name is a unique name of the individual host computer on the Internet.
 - (c) Star topology is used to connect computers in LAN using a hub.

- (d) <BODY> tag comes within <HEAD> tag.
- (e) Post means to send a note you wrote to a chat room or other group of people on the Internet.
- (f) abc.ac.in is an example of commercial Web site.
- (g) A static Web site is the one that may have frequently changing information.
- (h) The computer system which stores Web pages, responsible for accepting requests from users is known as Web browser.
- (i) In JavaScript, operator && is used for testing two logical conditions true together.
- (j) Marquee creates an animated message on Web page which is viewed from browser.

3. Name the following :

1×5=5

- (a) Displays the contents of hard disk, CD-ROM and network drives
- (b) Tag displays text in larger font as compared to normal font
- (c) Event in JavaScript which is used by processes when the Window finishes loading
- (d) Inserts pre-designed background and graphic styles in a Web page in FrontPage
- (e) Used to visit pages and other destination to current or other Web sites

4. Define the following terms :

1×5=5

- (a) Anchor tag
- (b) Web browser
- (c) Frames
- (d) EMBED tag
- (e) Hover button

PART—B

(Short answer-type questions)

- 5.** Differentiate between the following : 2×5=10
- (a) Bus topology and Star topology
 - (b) TCP/IP and FTP
 - (c) Symmetric key encryption and Public key encryption
 - (d) Hyperlink and Bookmark
 - (e) Frames and Forms
- 6.** Write the HTML code to generate the following ordered lists : 2
- FRUITS
1. Grapes
 2. Banana
- VEGETABLE
1. Potato
 2. Tomato
- 7.** How do you link the Web site www.nios.ac.in in a Web page? Give an example. 2
- 8.** Write short notes on the following : 2×5=10
- (a) Firewall
 - (b) IMG tag
 - (c) Copyright
 - (d) B2C
 - (e) Formatting Web page

9. Write a program in JavaScript to find out the average marks secured by a student in 3 subjects, display the result PASS if average marks ≥ 40 else display FAIL : 2

Marks in subjects : 45, 50, 65

10. Write the steps to insert a graphic file into a Web page using FrontPage. 2

11. Write a JavaScript program to display the following : 2

Product name : Bike; cost : ₹ 80,000

PART—C

(Long answer-type questions)

12. Write a JavaScript program to display odd numbers between 1 and 30. 5

13. Define multimedia. What is the purpose of using Photoshop and Flash in Web designing? How do you embed audio and video files in a Web page? 5

14. What do you understand by Search Engine? What are two important search engines? Write the basic steps/tips to use to get best results while searching. 5

15. Write the HTML code to generate the following form : 5

Consumer Feedback Form

Item name

Preferred color Green White Red

Preferred size Small Medium Large

16. Explain any *two* basic principles and Web site design tips to keep in mind while developing a Web site. Discuss any *three* types of Web site with an example of each. 5

SECTION—B

(Revised)

Note : All questions are compulsory and carry marks as indicated against each question.

PART—A

Fill in the blanks. Write your answer in the answer-book :

1×15=15

1. HTTP stands for _____.
2. It is a world wide network of networks _____.
3. Dysgraphia is a kind of _____ disability.
4. _____ is the keyboard shortcut to browse links and forms.
5. Individuals suffering from cerebral palsy are also referred to as _____ individuals.
6. _____ Web pages don't change content or layout with every request to the Web server.
7. _____ sites allow photographers and artists to display samples of their work.
8. CGI stands for _____.
9. HTML tag _____ to create table heading.
10. CSS is created and maintained through a group of working people called as _____.
11. _____ view in dreamweaver is used to see simultaneously both design and code views in the open document window.
12. Each drawing is called a _____ in Flash.
13. All reusable objects in Flash are stored in _____ panel.

14. ____ is used to view and edit the attributes of the selected object on stage.
15. ____ is a technique to create an effect as if an object is changing its shape over a period of time.

PART—B

2×8=16

16. Write two differences between LAN and WAN.
17. What are palettes in Photoshop? Name any *one* palette.
18. Write one advantage and one disadvantage of ring topology.
19. Differentiate between ISDN and Dial-up connection.
20. Explain Commercial Web site and Educational Web site.
21. What do you understand by client-side scripting? Name any *one* client scripting language.
22. What are authoring tools?
23. Define key frames and regular frames in Flash.

PART—C

3×8=24

24. Define the role of the following in Web site development team :
- (a) Programmers
 - (b) Designers
 - (c) Server administrators
25. Explain the following :
- (a) open (URL, name, featureList)
 - (b) alert (text)
 - (c) confirm (text)
26. Define the following types of Web hosting :
- (a) Free Web hosting service
 - (b) Cloud hosting
 - (c) Clustered hosting

27. What are tables in HTML? Explain any *two* attributes of <table> tag.
28. Write a JavaScript to calculate the power of R^n , e.g, $R = 4, n = 3$ ($4 * 4 * 4 = 64$).
29. What are panels in dreamweaver? Define file panel and insert panel.
30. Explain link layers, layer mask and opacity options of the layer palette in Photoshop.
31. Write the HTML tag for the following :
- (a) To insert the registered symbol
 - (b) To create numbered list
 - (c) To insert an image name ANIMAL.JPG right aligned

PART—D

5×5=25

32. Explain the role of the following layers of OSI model :
- (a) Physical layer
 - (b) Network layer
 - (c) Transport layer
 - (d) Session layer
 - (e) Application layer
33. Write any *five* challenges for multimedia systems.

34. Write the HTML code to create the following table :

<i>Customer Details</i>			
Customer Number	Customer Name	Date of Purchase	Price
1	Aman	10/05/16	900·00
2	Geeta	07/06/16	560·00
3	Rishi	15/05/16	430·00

35. Write the HTML code to generate a Web page in the format shown below :



Special Notes :

- (a) Title of the page should be “Restaurant”
- (b) Background color of the page should be “OLIVE”
- (c) Font face in the page should be “Arial”
- (d) Picture used in the page should be from a file “Food.gif”
- (e) Text color of the main heading should be “GREEN”
- (f) Page linked with
Menus as “menu.html”
Reservation as “res.html”
- (g) Bottom message should be with size as “2”

36. What are forms in dreamweaver? Explain any *four* form objects.

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