

This Question Paper consists of 36 questions and 7 printed pages.

Roll No.

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Code No. **67/ACV/A**

Set

A

**WEB DESIGNING AND DEVELOPMENT
(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 Question 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. Answer for all questions, including matching, true or false, fill in the blanks, etc., are to be given in the Answer-Book only.
6. Write your Question Paper Code No. 67/ACV/A, Set **A** on the Answer-Book.



WEB DESIGNING AND DEVELOPMENT

(622)

Time : 3 Hours]

[Maximum Marks : 80

Note : (i) Section-A contains 15 questions of 1 mark each.

(ii) Section-B contains 8 questions of 2 marks each.

(iii) Section-C contains 8 questions of 3 marks each.

(iv) Section-D contains 5 questions of 5 marks each.

- (1) Answers of all questions are to be given in the Answer-Book given to you.
(2) 15 minute time has been allotted to read this question paper. The question paper will be distributed at 2:15 p.m. From 2:15 p.m. to 2:30 p.m., the students will read the question paper only and will not write any answer on the Answer-Book during this period.

SECTION-A

Fill in the blanks :

1×15=15

1. ____ was the first Windows based browser.
2. ____ runs on a PC and connects it to a remote computer.
3. ____ is the most popular blogging tool.
4. Static website can be created using ____.
5. Hacking with computer system is ____ offence.



6. The _____ tag is used to add text field in HTML.
7. In HTML, _____ specifies the number of rows the cell can span.
8. We can insert an image in a Dreamweaver file through the _____ panel.
9. Audio files can be imported to the Flash library through the _____ menu.
10. _____ is the file extension of QuickTime movies.
11. _____ property helps to transform an object into different shapes.
12. _____ is the canvas in Flash where a movie is created.
13. _____ seizures are caused by visual strobe.
14. _____ software enlarges the content displayed on the monitor.
15. Website with _____ schemes enables the users with visual impairments to read the content easily.

SECTION-B

Answer the following :

2×8=16

16. Write the steps to install a software on your computer system.
17. Write any two advantages of ISDN.



18. Differentiate between HTTP and FTP (2 points).
19. Write in brief about any two advantages of open source web software.
20. Write in brief for any two methods of “Window” object of scripting.
21. Write in brief about an advantage and a disadvantage of compression techniques of multimedia on the basis of an example.
22. What are the two objects that can be converted into a symbol? Write the steps to insert a symbol in Flash.
23. Differentiate between polygon and magnetic Lasso tool of Photoshop.

SECTION-C

Answer the following :

3×8=24

24. Complete the statement in HTML :

How can this image be made a hyperlink?

25. Zingo company wants to create a website for their snacks restaurant. Prepare a blueprint and directory structure of the website with respect to this restaurant company.
26. Define infringement. Explain with the help of an example.
27. Define CSS. Write any two locations where the style sheet can be placed.
28. Dreamweaver is a part of which family? Do you think a dynamic website can be created using Dreamweaver? Support your answer with two examples.



- 29.** Write a JavaScript program to calculate the total cost of electronic items purchased by a customer. The store has only mobiles and laptops. Customers get a discount of 10%. A sample of the report as shown below :

Name of the purchaser	:	Your name
Number of mobiles	:	10
Cost of 1 mobile	:	40,000
Total amount	:	4,00,000
Total discount	:	40,000
Total amount to be paid	:	3,60,000

Store your name, rate of 1 mobile and number of mobiles purchased in different variables. Calculate the total cost of the items. A 10% discount is offered by the shop. Print the bill as shown above. The formula to calculate the discount is

$$\text{Discount} = (\text{total_cost} * 10) / 100$$

$$\text{Total amount to be paid} = \text{total_cost} - \text{discount}$$

- 30.** What are iterative constructs? Write the syntax of “while” loop.
- 31.** What is the importance of resolution in Photoshop? Write the names of the options of layer used for the following purposes :
- (a) To have a duplicate layer with same opacity
 - (b) To make the layer hidden
 - (c) To apply blending mode to the layer
 - (d) To add a layer

SECTION-D

Answer the following :

5×5=25

- 32.** Define broadcasting. Draw the diagram of it. Explain its process. Which network uses this type of communication?



33. Write HTML code to display the web page as shown in the figure :



- (a) The background color of the page is green and text in white color. $\frac{1}{2}$
- (b) The text style is Arial and of size 5. $\frac{1}{2}$
- (c) The heading of the page is SAVE WATER-THIS SUMMER. $\frac{1}{2}$
- (d) A first paragraph "BE A WATER SAVIOUR. TIPS TO SAVE WATER." (in ITALICS). $\frac{1}{2}$
- (e) A second paragraph "There are water." $\frac{1}{2}$
- (f) A list of the ways to save water. $1\frac{1}{2}$
- (g) Image of water.jpeg on the center of the page. 1

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

DATA COLLECTION			
SNO	NAME	AGE	MOBILE
1.	WEB DESIGNING	12	88888
2.	622	23	99999



- 35.** Create a web page in Dreamweaver to display the e-mail link to COVID-19 center. Write the steps to create a page in which people can write a direct e-mail to the COVID-19 center. Also insert an image of the center. Write the name of the panel to create an e-mail link and also mention the names of sub-options to insert an image and link. Define the term 'template'. What is the extension of template?
- 36.** In the present age, social media is used as a popular platform to showcase the talent of an amateur. A new secured website has to be created with the name of "I am the BEST" where young and new artists can display their talent.
- (a) Do you think that multimedia can be used to create a website for such purpose? Support your answer with two reasons.
 - (b) Also explain how these tools will be helpful for the artists to promote themselves.
 - (c) Mention any two challenges faced by multimedia systems.

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