

P.G.D.C.A Semester - 1 (CBCS) Examination
OCT/NOV-2024 (AS PER SYLLABUS YEAR JUNE-2023)

Networking, Internet & Web Page Development (Core (New-23))

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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Que-1 (A) Answer the following. (04)

- 1) True/False: A computer network allows sharing of resources and information between devices.
- 2) Fill in the blank: The _____ topology connects all devices to a single central hub.
- 3) True/False: TCP/IP is a protocol suite used for communication over the Internet.
- 4) Fill in the blank: The OSI reference model has _____ layers.

Que-1 (B) Answer the following : Attempt any two. (10)

- 1) Explain the different types of computer networks with examples.
- 2) What is the OSI Reference Model? Describe the function of any two layers.
- 3) Explain network topologies.
- 4) What is the role of TCP/IP in networking? Explain its layers.

Que-2 (A) Answer the following. (04)

- 1) Fill in the blank: The protocol used for transferring files between computers on a network is _____.
- 2) True/False: VSAT stands for Very Small Aperture Terminal.
- 3) Fill in the blank: An ISP stands for _____.
- 4) True/False: The World Wide Web is a part of the Internet used for accessing websites.

Que-2 (B) Answer the following : Attempt any two. (10)

- 1) Explain the applications of the Internet in E-Commerce and E-Governance.
- 2) What is the role of an ISP in providing Internet access?
- 3) Discuss the concept of a URL and its components.
- 4) What are the differences between static, dynamic, and responsive websites?

Que-3 (A) Answer the following. (04)

- 1) Fill in the blank: HTML stands for _____.
- 2) True/False: The tag is used to insert sound files in HTML.
- 3) Fill in the blank: The section tag is a new feature introduced in _____.
- 4) True/False: HTML5 allows adding audio and video elements without plugins.

- Que-3 (B) Answer the following : Attempt any two. (10)
- 1) Write an HTML code to create a form with fields for email, phone number, and a submit button.
 - 2) Explain the importance of HTML5 in web development with examples.
 - 3) What are the new elements introduced in HTML5? Explain any two with their attributes.
 - 4) Explain tag and <map> with example.
- Que-4 (A) Answer the following. (04)
- 1) Fill in the blank: CSS stands for _____.
 - 2) True/False: In CSS, ID selectors are used to style multiple elements with the same rule.
 - 3) Fill in the blank: The property used to change the background color in CSS is _____.
 - 4) True/False: CSS3 introduced 3D transform properties.
- Que-4 (B) Answer the following : Attempt any two. (10)
- 1) Explain the different types of CSS stylesheets with examples.
 - 2) Write a CSS code to change the text color, font size, and background of a paragraph.
 - 3) Discuss the use of CSS3 transitions and transformations in modern web design.
 - 4) What is the difference between margin and padding in CSS? Explain with examples.
- Que-5 (A) Answer the following. (04)
- 1) True/False: JavaScript is used for both client-side and server-side development.
 - 2) Fill in the blank: The onclick event is triggered when a user _____ an element.
 - 3) True/False: JavaScript loops allow repeating a block of code multiple times.
 - 4) Fill in the blank: The onchange event is fired when a form element _____.
- Que-5 (B) Answer the following : Attempt any two. (10)
- 1) Explain if...else and switch...case with example.
 - 2) Explain looping statements with example
 - 3) Describe any three JavaScript events and their use with examples.
 - 4) Explain array in java script.
