

Dr. Babasaheb Ambedkar Open University, Ahmedabad

Term-End Examination : January-2026

Course Name : MSCIT

Date : 18-02-2026

Subject Name : Internet and Web Designing

Time : 11:30AM TO 01:45PM

Subject Code : MSCIT-103

Max Marks : 70

Section A

Q.-1. Respond to any three of the following questions in brief. (30)

- (1) Explain the various types of Network Topologies (Bus, Ring, Star, Mesh, Tree, and Hybrid) with their characteristics and block diagrams.
- (2) Explain the different methods of E-Learning (Collaboration, Multimedia, Web-Based, and Performance-Based) and discuss its advantages.
- (3) Describe both external and internal linking in HTML using the anchor tag () and explain the role of attributes like HREF and NAME.
- (4) Discuss various HTML Form controls including text inputs, password fields, multi-line textareas, checkboxes, and radio buttons.
- (5) Discuss JavaScript Data Types and Operators, explaining primitive types, arrays, objects, and arithmetic/comparison operators.

Section B

Q.-2. Write short notes on any four of the following topics. (20)

- (1) Define Internet and list its primary advantages and limitations.
- (2) Briefly explain the IMAP and POP3 protocols used for email retrieval.
- (3) Discuss the non-transactional and transactional advantages of E-Banking.
- (4) Discuss the Image Opacity effect in CSS and how to implement transparency.
- (5) Explain the three operational modes of JavaScript Dialog Boxes
- (6) Describe the four types of User Defined Functions (UDFs) in JavaScript.

Section C

Q.-3. Tick (✓) the correct alternative. (10)

(1) The internet is defined as the largest _____ in the world.

- | | |
|---------------------|--------------------|
| A) Private Network | B) Software Tool |
| C) Computer Network | D) Hardware Device |

(2) Which network is specific to an organization and accessible only to its members?

- | | |
|-------------|-------------|
| A) Internet | B) Intranet |
| C) Extranet | D) VSAT |

(3) Which topology is used in Ethernet LAN?

- | | |
|---------|---------|
| A) Star | B) Tree |
| C) Bus | D) Ring |

(4) Which type of cookies expire once the Web Browser is closed?

- | | |
|--------------|----------------|
| A) Permanent | B) Third-party |
| C) Session | D) Secure |

(5) Which HTML tag is used to force a line break?

- | | |
|---------|----------|
| A) <P> | B)
 |
| C) <HR> | D) <DIV> |

(6) Which method makes submitted form data visible in the page address field?

- | | |
|---------|---------|
| A) POST | B) SEND |
| C) GET | D) READ |

(7) JavaScript was developed by Brendan Eich at _____.

- A) Sun Microsystems
- C) Netscape

- B) Microsoft
- D) Apple

(8) Which JavaScript operator is used to determine the data type of a variable?

- A) types
- C) define
- B) typeof
- D) check

(9) Which dialog box returns a Boolean value of true or false?

- A) Alert
- C) Confirm
- B) Prompt
- D) Message

(10) DOM stands for ____.

- A) Data Object Method
- C) Direct Object Module
- B) Document Object Modeling
- D) Digital Object Maker

Section D

Q.-4. Indicate whether the following statements are True or False.

(10)

- (1) A MODEM (Modulation Demodulation) converts analog signals to digital signals and vice versa.
- (2) Tim Berners Lee is designated as the Web Inventor.
- (3) HTML is an application of the Standard Generalized Markup Language (SGML).
- (4) The tag is an empty tag because it does not require a closing tag.
- (5) HTML provides 10 levels of heading tags from to .
- (6) Internal link names in HTML are followed by the hash symbol (#).
- (7) Cellpadding specifies the amount of space between the cell border and the cell contents.
- (8) Hakon Wium Lie is designated as the Father of CSS.
- (9) External CSS files are saved with the .style extension.
- (10) JavaScript was developed by Brendan Eich at Netscape.
