

Dr. Babasaheb Ambedkar Open University, Ahmedabad

Term-End Examination : January-2026

Course Name : MCA

Subject Name : Web Development Technologies

Subject Code : MCA/MCAOL-103

Date : 18-02-2026

Time : 11:30AM TO 01:45PM

Max Marks : 70

Section A

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

- (1) What is Multi-homing and Document Root? Explain their role in web server environment.
- (2) Describe the role of Internet in social networking, cloud computing and mobile applications.
- (3) Write detailed note on Pseudo-Elements effects
- (4) Describe control statements in JavaScript with suitable examples.
- (5) Describe parameter passing and return values in JavaScript functions.

Section B

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

- (1) Write short note on Dial-up and Leased Line connections
- (2) Write short note on E-commerce applications
- (3) Explain Structure of an HTML document
- (4) Explain List tags in HTML
- (5) Explain Image and hyperlink tags
- (6) Write a code snippet to demonstrate CSS dropdown effects using the listing tag.

Section C

Q.-3. Choose the correct answer from the options given below. (10)

(1) Extranet is mainly used for sharing information with _____. .

- | | |
|------------|--------------|
| A) Public | B) Employees |
| C) Vendors | D) Hackers |

(2) Which protocol is used for web communication?

- | | |
|---------|---------|
| A) FTP | B) SMTP |
| C) HTTP | D) TCP |

(3) Required attribute is used for _____. .

- | | |
|---------------|---------------|
| A) Formatting | B) Validation |
| C) Styling | D) Linking |

(4) Which tag labels form controls?

- | | |
|-----------|------------|
| A) <name> | B) <label> |
| C) <tag> | D) <id> |

(5) Which attribute sets number of rows in frameset?

- | | |
|---------|-----------|
| A) cols | B) size |
| C) rows | D) height |

(6) External CSS is linked using _____. .

- | | |
|------------|-------------|
| A) <style> | B) <script> |
| C) <link> | D) <meta> |

(7) CSS3 is mainly used for _____. .

- | | |
|----------------|-------------------|
| A) Database | B) Design effects |
| C) Programming | D) Networking |

(8) Which keyword defines function?

- | | |
|---------|-------------|
| A) func | B) function |
| C) def | D) method |

(9) Which function converts string to integer?

- | | |
|-------------|------------|
| A) parseInt | B) toInt |
| C) int | D) convert |

(10) Which object represents browser window?

- | | |
|-------------|-----------|
| A) document | B) screen |
| C) window | D) form |

Section D

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

(10)

- (1) Action attribute specifies where form data is sent.
- (2) cols attribute divides window vertically.
- (3) Internal CSS is written inside section.
- (4) External CSS is stored in separate file.
- (5) CSS can control colors, fonts, and spacing.
- (6) Color attribute changes text color.
- (7) Background-color sets background color.
- (8) Border-radius creates rounded corners.
- (9) Dialog boxes improve user interaction.
- (10) Event occurs due to user action.
