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SEAT No. _____

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SARDAR PATEL UNIVERSITY

MASTER OF COMPUTER APPLICATIONS (MCA)

SEMESTER – IV

PS04CMCA24 (WEB APPLICATION DEVELOPMENT TECHNOLOGY)

12TH APRIL, 2019, Friday

Time : 2:00 p.m. to 5:00 p.m.

Marks : 70

Note : Answers of all the questions (including multiple choice questions) should be written in the provided answer book only.

Q-1 Pick up the most appropriate answer from the given alternatives and write in your answer book. (8)

- (i) Which property of Page object's, determines if a Web page is being requested without data being submitted to server?
[A] IsCallback [B] IsReusable [C] IsValid [D] IsPostBack
- (ii) In ASP.NET, which one of the followings is a client-side statement management technique?
[A] Hidden Field [B] Session [C] Application [D] Profile
- (iii) Read the following two statements and then select most appropriate option from the given alternatives:
I. HotSpotMode is a valid method name in ASP.NET.
II. Execute is a valid method name in ASP.NET.
[A] Statement (I) is correct [B] Both statements are not correct
[C] Statement (II) is correct [D] Both statements are correct.
- (iv) You want to make a configuration setting change that will affect only the current Web application. Which file will you change?
[A] Global.asax [B] Web.config (root level)
[C] Both A and B [D] None of these.
- (v) _____ is a kind of looping structure in PHP used to access array elements only.
[A] for() [B] do...while() [C] while() [D] None of these
- (vi) _____ function in PHP used to define array variable in PHP.
[A] array() [B] file() [C] print_r() [D] None of these
- (vii) _____ is a PHP function used to encrypt data.
[A] sha1() [B] md5() [C] Both A and B [D] None of these
- (viii) _____ is a server-side scripting language.
[A] JavaScript [B] PHP [C] Both A and B [D] None of these

Q-2 Attempt the following: (ANY SEVEN) (14)

- What is ASP.NET? List down any four ASP.NET directives.
- Differentiate : Authentication and Authorization.
- Define the term 'Session' in the context of ASP.NET and state various Session state modes.

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(P.T.O.)
(Contd..!2)

- iv. What is jQuery? Give an example of jQuery.
- v. Write down the full-form of : CSS, IIS, ASP, XML.
- vi. List various types of operators in PHP. Explain each one in brief.
- vii. Distinguish between echo and die().
- viii. Explain about blogs in brief.
- ix. Explain PHP functions: (i) md5() and (ii) file()
- x. Write JavaScript code for validating input sequence of characters.

- Q-3** (a) Explain ASP.NET page life cycle in detail. (6)
(b) Explain ImageMap, Radio Button and Check box controls with an example. (6)

OR

- (b) Explain Wizard and Panel controls of ASP.NET. (6)

- Q-4** (a) Discuss in detail use of ADO.NET in ASP.NET with example. (6)
(b) List names of ASP.NET validation controls along with their purpose and explain any two of them with an example. (6)

OR

- (b) Explain Query string and Application state techniques of ASP.NET with an example. (6)

- Q-5** (a) Define: Array in PHP. Discuss various types of array in PHP. (6)
(b) List and explain any three PHP file handling functions taking suitable examples. (6)

OR

- (b) Explain following functions taking suitable examples: (6)
(i) mysqli_connect() and (ii) mysqli_query()

- Q-6** (a) Explain sessions in PHP taking suitable examples. (6)
(b) Write a short note on cookies in PHP. (6)

OR

- (b) Discuss JavaScript DOM taking suitable examples. (6)

—X—
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