SARDAR PATEL UNIVERSITY

MASTER OF COMPUTER APPLICATIONS (MCA)
SEMESTER – IV
PS04CMCA05 (WEB APPLICATION DEVELOPMENT TECHNOLOGY)
29TH OCTOBER, 2018, Monday

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) By default, ASP.NET Web Form class inherits from _____.

[A] System.Web.UI.Page   [B] System.Web.UI.Form

[C] System.Web.GUI.Page   [D] System.Web.Form

(ii) In ASP.NET, which one of the followings is not a client-side statement management technique?

[A] ViewState   [B] Query string   [C] Session   [D] None of these

(iii) Which ONE of the following properties is used to specify client script validation function while using CustomValidator control?

[A] Client Validation Function   [B] ClientValidateFunction

[C] Clientvalidfunction   [D] ClientValidationFunction

(iv) The extension of a Web Configuration file is -

[A] .config   [B] .conf   [C] .con   [D] None of these

(v) _____ is a function in PHP which returns data type of a variable.

[A] gettype()   [B] sha1()

[C] phpinfo()   [D] None of these

(vi) _____ is a combined operator in PHP used to perform concatenation.

[A] +=   [B] .=

[C] Both A and B   [D] None of these

(vii) _____ is a function in PHP used to encrypt input data.

[A] die()   [B] md5()   [C] print()   [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)

i.   What is ASP.NET? List down any four ASP.NET directives.

ii. What is CSS? Why is it used?

iii. What is Bootstrap? Write the advantages of Bootstrap.

iv. What is jQuery? Give an example of jQuery.

v.   Write down the full-form of : CSS, IIS, ASP, XML.

vi. Distinguish between GET method and POST method.

vii. Differentiate between print_r() and var_dump().

viii. Explain foreach().

ix. Explain how to define constant variable in PHP.

x. Write examples of Internal JavaScript code and External JavaScript code.

Q-3 (a) Explain ASP.NET page life cycle in detail. (6)

(b) Explain any two ASP.NET standard controls. (6)

OR

(b) Explain TreeView 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 and explain: ASP.NET validation controls. (6)

OR

(b) Explain one client side and one session side state management techniques with an example. (6)

Q-5 (a) List and explain different types of arrays in PHP. (6)

(b) Write JavaScript code to validate an input e-mail id. (6)

OR

(b) Explain JavaScript DOM taking suitable examples. (6)

Q-6 (a) List and explain all types of popup boxes in JavaScript. (6)

(b) Discuss file handling in PHP taking suitable examples. (6)

OR

(b) Write a short note on sessions in PHP. (6)

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