IV B. Tech I Semester (R09) Regular Examinations, November 2012

WEB TECHNOLOGIES

(Computer Science & Engineering)

Time: 3 hours   **Max. Marks: 70**

Answer any FIVE questions

All questions carry equal marks

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1   Explain in detail Apache web server and its installation procedure.

2
    (a) Explain the anatomy of a PHP page?

    (b) How it differs from an html page?

3
    (a) Explain about PHP data types in detail.

    (b)Write a PHP program that uses all the data types.

4
    (a) What is object oriented programming?

    (b)How can you achieve it in PHP? Explain.

5
    (a)Explain briefly how to redirect the HTTP headers to different locations.

    (b)Explain briefly how to use the header ( ) function in different ways.

6
    (a)What is the advantage of Superglobals? Explain with example.

    (b)Write a program to differentiate GET and POST methods.

7
    (a)Explain the function used to connect to a MySQL database.

    (b)How to perform a query in PHP? Explain with PHP code.

8   What are the advantages of AJAX? Write an AJAX PHP script to demonstrate how a web page can
    communicate with a web server while a user type characters in an input field.

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1

(a) How to handle HTTP requests & response? Explain in detail.

(b)Write a short note on client/server model.

2

(a)What is server side programming?

(b)Briefly discuss about any two server side programming languages.

3

(a)What is ternary operator? Explain with an example.

(b)Explain about scope of a variable.

(c)Write a PHP program that works on date & time using functions.

4

(a)What is function overriding? Write the syntax & explain with an example.

(b)Write a PHP program that concatenates two files.

5

(a)Explain why cookies are becoming less trusted.

(b)What is a session? Explain briefly about sessions.

6

(a)Explain briefly about the POST method with example.

(b)Differentiate Superglobals versus Globals.

7   Explain the following functions with examples.

(a) Mysql_connect ()   (b) mysql_close ()   (c) mysql_query()
(d) mysql_select_db()

8

(a)Explain briefly the function xml_parser_free () with example.

(b)Write an AJAX PHP script to demonstrate how a web page can fetch information from a database.

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1

     (a)What is a web server?

     (b)Mention any three web servers and explain them.

2

     (a)What makes PHP a choice among the other scripting languages?

     (b)Where can we use PHP scripts?

3

     (a)What is the use of scope resolution operator? Explain.

     (b)Explain about operator precedence & associativity.

4

     (a)How to define a class in PHP? Explain in detail about classes.

     (b)Write a PHP program that explains the use of abstract classes.

5

     (a)Explain why cookies are becoming less trusted.

     (b)Explain briefly how to use the header ( ) function in different ways.

6

     (a)Explain briefly about the GET method with example.

     (b)Differentiate GET and POST methods.

7

     (a)Write PHP code to connect to a MySQL Database.

     (b)How to perform a query in PHP? Explain with PHP code.

8   What are the advantages of AJAX? Write an AJAX PHP script to demonstrate how web page can fetch information from a database.

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1   What are the different types of web servers? Discuss briefly.

2   What is the impact of programming on web environments? Explain with an example.

3
        (a)Explain different types of operators in PHP.

        (b)What is the use of scope resolution operator? Explain.

4
        (a)What are the various access modifiers available in PHP?

        (b)Explain about parent constructors.

5
        (a)What are the advantages and disadvantages of cookies?

        (b)How to set a cookie on user computer? Explain with an example.

6
        (a)List and describe the different form elements associated with common form issues.

        (b)Differentiate GET and POST methods.

7   Explain briefly the three components of MVC architecture.

8
        (a)How to initialize the XML parser in PHP? Explain with an example.

        (b)What is W3C DOM? Explain different parts and levels of W3C DOM.