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[5263]-601

T.Y. B.C.A. (Sixth Semester) EXAMINATION, 2017

601 : ADVANCED WEB TECHNOLOGIES

(2013 PATTERN)

Time : Three Hours

Maximum Marks : 80

N.B. :— (i) *All* questions are compulsory.

(ii) Figures are required whenever necessary.

1. Attempt the following (any *eight*) : [8×2=16]

- (a) What is serialization ?
- (b) Name any *two* functions to extract basic information about classes in php ?
- (c) Name any *two* variables of global array.
- (d) How to check whether a variable is set with the session ?
- (e) Name any *two* parameters of `mysql_connect()`.
- (f) Explain the function to execute the query with parameters.
- (g) Name any *two* elements of XML document structure.
- (h) Which are the types of parser in XML ?
- (i) Which are the parts of XML-RPC ?
- (j) Enlist the methods of XML HTTPREQUEST object.

P.T.O.

2. Attempt the following (any *four*) : [4×4=16]

- (a) What is introspection ? Explain any *two* introspective function.
- (b) What is self-processing form ? Explain with the help of program.
- (c) What is PEAR-DB library ? Explain its function with example.
- (d) Explain XML document structure.
- (e) Write a PHP script to upload the file and display its information (Use \$_FILES).

3. Attempt the following (any *four*) : [4×4=16]

- (a) Explain WSDL document structure.
- (b) Explain AJAX web application model.
- (c) Write a php program to accept two strings from user and check whether entered strings are matching or not (use sticky form concept).
- (d) Write a php program to accept student details (rno, name, class) and store them in student table. Print them in sorted order of name on the browser in table format.
- (e) Write PHP script to create a CD catalog using XML file.

4. Attempt the following (any *four*) : [4×4=16]

- (a) Explain cookie with example.

- (b) Explain simple XML with example.
- (c) What is database ? Explain different functions in php to connect to the mysql.
- (d) Write an Ajax program to display list of games stored in an array on clicking OK button.
- (e) Write php program to select name of fruits he/she likes (using multivalued parameters).

5. Write short notes on (any *four*) : [4×4=16]

- (a) Constructor
- (b) Setting response header
- (c) SOAP
- (d) XML parser
- (e) Session.