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Seat No.	
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[4968]-6001

B.C.A. (Sixth Semester) EXAMINATION, 2016

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 Interspection ?
- (b) Enlist the name of functions to extract basic information about classes in PHP.
- (c) Enlist the HTTP Request Methods.
- (d) What is \$-SERVER ?
- (e) Which are the databases supported by PHP ?
- (f) Enlist the methods of PEAR DB ?
- (g) What is XML ?
- (h) Enlist the predefined internal entities in XML.
- (i) What is WSDL ?
- (j) What is XML HTTP Request ?

P.T.O.

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

- (a) Define Constructor. Explain with the help of program.
- (b) What is Self-Processing Form ? Explain with the help of program.
- (c) What is Database ? Explain different functions in PHP to connect to the MySQL.
- (d) Create student table as follows :

student (Sno, Sname, Per).

Write Ajax Program to select the student name and print the selected students details.

- (e) Write PHP script to create a CD catalog using XML file. (CD catalog includes—Title, Author and Price).

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

- (a) Explain XML document structure.
- (b) Explain classical web application model and Ajax web application model.
- (c) Write a PHP script to demonstrate the introspection for examining class (use function `get-declared-classes()` `get-class-methods()` and `get-class-vars()`).
- (d) Change the preferences of your web page like font style, font size, font color, background color using cookie. Display selected settings on next web page and actual implementation (with new settings) on third web page.
- (e) Write a PHP script to accept student details (rno, name, class) and store them in student table (Max 10), print them in sorted order of name on the browser in table format.

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

- (a) How to examine objects ? Explain it with the help of example.
- (b) What is Cookie ? List the different parts of it.
- (c) Explain the fetching of result from a query with the help of example.
- (d) Write PHP program to select list of subjects and (use multivalued parameter) displays on next page.
- (e) Write a PHP program to accept two string from user and check whether entered strings are matching or not.

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

- (a) Redirection
- (b) Destructor
- (c) File upload
- (d) XML parser
- (e) SOAP.