

TRIBHUVAN UNIVERSITY  
FACULTY OF MANAGEMENT

Office of the Dean  
2016

Full Marks: 40  
Time: 2 hrs.

**BIM / Fourth Semester / IT 219: Web Programming - II**

Candidates are required to answer all the questions in their own words as far as practicable.

**Group "A"**

**Brief Answer Questions:**

[10 × 1 = 10]

1. List out the advantages of using PHP.
2. What is use of Identical operator(===)?
3. Explain briefly how different kinds of numbers are stored using PHP variables.
4. Write syntax of foreach loop?
5. How a function is declared using default values for its arguments.
6. "Validations should be performed on both the client and server side". Why? Define server variable HTTP\_USER\_AGENT with an example.
8. What are the advantages of using PEAR over PHP built in functions to work with database?
9. How will you display current date in a web page using PHP statement?
10. What is use of mysql\_fetch\_assoc() function?

**Group "B"**

**Exercise Problems:**

[5 × 4 = 20]

1. Write a PHP program to create a web form that contains a textbox for name, and checkboxes for hobbies. When a form is submitted, check a name is entered and at least one of the hobbies is selected.
12. Write a PHP program to display the contents of a database. Make your own assumptions about database.
13. Write a PHP function that takes three arguments: principle, rate and time and returns the calculated interest. Make all the required validations to calculate the interest.
14. What is file? Write a program to write value taken from user to a file.
15. Write a PHP program to create a multidimensional array that holds the cities of districts in Kathmandu valley such as Kathmandu(Newroad, Durbar Marg, Thamel), Lalitpur(Patan, Jawlakhel, Kupondole), Bhaktapur(Durbar square, suryabinayak). Then Display the contents of array.

**Group "C"**

**Comprehensive Answer Questions:**

[2 × 5 = 10]

16. Explain the importance of default values in a form with examples.
17. What is session? How are session variables handled in PHP? Explain with example.

