**Asian School of Management and Technology**

(Affiliated to Tribhuvan University)

Gongabu, Kathmandu

**Full Marks: 60**

**Time: 3 Hrs.**

**SET A**

**Preboard Examination 2080**

**BIM / Fourth Semester / IT 239: Web Technology**

***Candidates are required to answer the question in their own words as far as practicable.***

**GROUP A**

**Brief Answer the Questions [1\*10=10]**

1. Define constant and variable in PHP.
2. Differentiate between require () and require\_once ()?
3. "PHP is cross-platform" define.
4. Write artisan command to create a Laravel project.
5. How can you find current file name in PHP?
6. How can you pass data from one PHP page to another PHP page?
7. What does feof () do?
8. Write php code to display current time.
9. What is magic function in php OOP?
10. Give a difference between die () and print () function.

**GROUP B**

**Short Answer Questions (Attempt any five) [3\*5=15]**

1. What do you mean by function? How can you create a function in PHP? Explain
2. What do you mean by array shifting? Explain different array shifting functions
3. What do you mean by Exception Handling? Explain with proper section of code
4. Why routing is necessary in server side framework? Explain routing process.
5. WAP to create college.txt and write “NCC is my college” then display each character in new line.
6. Write a function named as sum() to calculate the sum of the variable. If sum(10) it should return 10, if sum(10,20) should return 30,if sum(10,20,30) should return 60.

**GROUP C**

**Long Answer Questions (Attempt any three) [5\*3=15]**

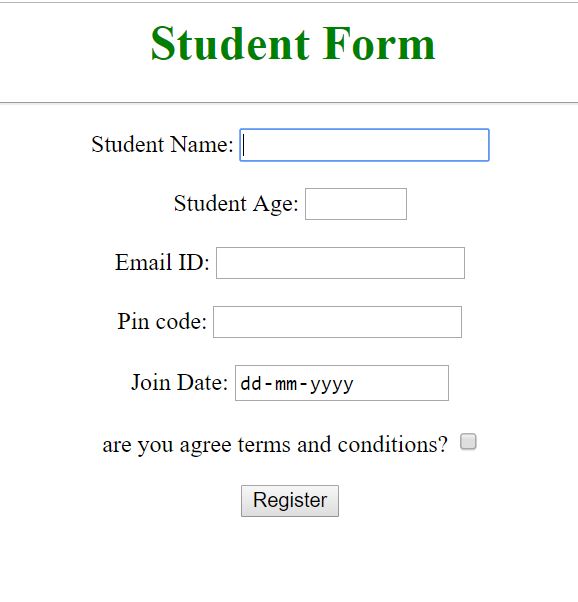
1. WAP to take date from user and validate the date. Also display the days remaining for your next birthday.
2. WAP to create an MDA of size 5 with data in them and display them in web table.
3. What do you mean by SQL injection? Explain how can you prevent SQL injection with example
4. WAP to check whether the session variable is set or not. If not set, set the session variable ‘name’ with value ‘BholeNath’. And display “ The session named set as Jay BholeNath”.

**GROUP D**

**Comprehensive Answer Questions [2\*10=20]**

1. Create an interface “Payment Gateway” with methods for processing payments. Implement this interface in two different classes to simulate different payment gateways. Use try catch in all methods of each class
2. Create following htm form and validate the followings and insert the form data into db\_prime.tbl\_students table.

* Name should be alphabet only
* Age should be number only and in between (18 and 40)
* Email must be in correct format
* Date must be in given format
* Terms and conditions must be checked



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