



MBH-1603220001040300 Seat No. _____

B. Sc. (Bioinformatics) (Sem. IV) (CBCS) Examination

March / April - 2018

BI - 403 : Web Technology

(New Course)

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Instructions :** (1) All questions are compulsory.
(2) The right side figures indicate total marks of the questions.

1 Attempt the following :

(A) Answer the following short questions : **4**
(All Compulsory)

- (1) HTML documents are also called _____.
- (2) PNG stands for?
- (3) JavaScript is officially managed by _____.
- (4) What is IIS?

(B) Answer Any **One** of the following questions : **2**

- (1) Define HTML
- (2) Define CSS

(C) Answer Any **One** of the following questions : **3**

- (1) Write any few advantages of Apache Server.
- (2) List out any few applications of DHTML.

(D) Answer Any **One** of the following questions : **5**

- (1) Explain Client–Sever Technology
- (2) Explain Table tag in HTML with example

- 2** (A) Answer the following short questions : (All Compulsory) **4**
- (1) PHP is a _____ scripting language.
 - (2) URL stands for ?
 - (3) Who is the developer of PHP?
 - (4) PHP recognizes constructors by the name _____
- (B) Answer Any **One** of the following questions : **2**
- (1) Define IIS
 - (2) Define Get method in php.
- (C) Answer Any **One** of the following questions : **3**
- (1) Explain variable length argument function in PHP.
 - (2) Write any few advantages of built functions in PHP.
- (D) Answer Any **One** of the following questions : **5**
- (1) Explain Date functions in PHP.
 - (2) Write a short note on Miscellaneous function
- 3** (A) Answer the following short questions : (All Compulsory) **4**
- (1) Write the process by which DBMS is facilitated?
 - (2) Description of a database is called _____
 - (3) Dependencies are used to develop a relational database design theory based on the concept known as _____
 - (4) The metadata is created by _____
- (B) Answer Any **One** of the following questions : **2**
- (1) Define DBMS.
 - (2) Define Entity.

- (C) Answer Any **One** of the following questions : **3**
- (1) Explain types of databases
 - (2) List out any few advantages using DBMS
- (D) Answer Any **One** of the following questions : **5**
- (1) Define Constrains and explain types of constraints with example
 - (2) Write a short note on DBMS Architecture
- 4 (A) Answer the following short questions : (All Compulsory) **4**
- (1) RAW data type can have maximum length of _____
 - (2) _____ is a pseudo column that contains current date and time.
 - (3) What is schema?
 - (4) Which command is used to modify the structure of a table in SQL.
- (B) Answer Any **One** of the following questions : **2**
- (1) Define SQL
 - (2) List out Data Manipulation Statements in SQL
- (C) Answer Any **One** of the following questions : **3**
- (1) Explain any few Data functions in SQL
 - (2) Explain NOT NULL and NULL value concept.
- (D) Answer Any **One** of the following questions : **5**
- (1) Explain Math functions in SQL
 - (2) Explain Primary Key and Foreign Key constrains with example.

- 5 (A) Answer the following short questions : (All Compulsory) 4
- (1) Which operator is used to perform integer divisions in MySQL?
 - (2) What is the default port for MySQL Server?
 - (3) How can we create a database using PHP and MySQL?
 - (4) Which Clause is used to sort the stored data in alphabetical order?
- (B) Answer Any **One** of the following questions : 2
- (1) Define MYSQL Database
 - (2) What are temporary Tables in MYSQL ?
- (C) Answer Any **One** of the following questions : 3
- (1) Differentiate : `mysql_fetch_object` V/s `mysql_fetch_array`
 - (2) Differentiate : Bufferered queries V/s Unbuffered queries
- (D) Answer Any **One** of the following questions : 5
- (1) Explain Deployment of MYSQL
 - (2) Write a short note on Multiple statements in MYSQL.
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