

Integ. MSc (CSF) Semester-4 Examination

ICSF - 210

Web Designing & Big Data Analysis

Time : 2-30 Hours]

April-2024

[Max. Marks : 70]

Instructions: Illustrate your answers with neat diagrams wherever necessary.

Que 1 Write the following

- (i) Explain the purpose of the <video>, tag and <audio> tags in HTML5. (7 Marks)
- (ii) Describe the difference between the GET and POST methods in HTML forms. (7 Marks)

OR

- (i) What are the attributes name, id, and value used for in form elements? (7 Marks)
- (ii) What is the purpose of the <header>, <footer>, <nav>, and <section> tags? (7 Marks)

Que 2 Write the following

- (i) Explain in detail the method to pass value from one page to another? (7 Marks)
- (ii) Explain conditional structure and loops in PHP with examples. (7 Marks)

OR

- (i) Explain all Data Types and Variables in PHP with example. (7 Marks)
- (ii) Explain String Functions, Date Functions, Number Functions and User Define Functions in detail. (7 Marks)

Que 3 Write the following

- (i) Describe the phases of the Data Analytics Lifecycle. How do these phases contribute to the effective analysis and utilization of data in decision-making processes? (7 Marks)
- (ii) How does Big Data differ from traditional data processing methods? (7 Marks)

OR

- (i) How do considerations of computational efficiency and scalability impact model evaluation in Big Data? (7 Marks)
- (ii) Provide examples of BI tools commonly used in conjunction with Big Data. (7 Marks)

Que 4 Write the following

- (i) Explain the concept of a data repository and its role in storing and managing large datasets. (7 Marks)
- (ii) Define Data Science and its role in extracting insights from large datasets. (7 Marks)

OR

- (i) What is the significance of understanding Big Data in the current technological landscape? (7 Marks)
- (ii) How does Big Data differ from traditional data processing methods? (7 Marks)

Que 5 Attempt any seven out of twelve

(14 Marks)

(i) What is the primary goal of data sciences?
A) Data storage B) Data analysis C) Data collection D) Data transmission

(ii) What is a data repository in the context of Big Data?

(iii) _____ is the main objective of Business Intelligence (BI).

(iv) _____ phase of the Data Analytics Lifecycle involves defining the business problem and the goals of the analysis.

(v) In Big Data analytics, what is precision?

(vi) Which of the following is NOT a V of Big Data?

(vii) Explain the difference between the "==" operator and the "===" operator in PHP conditional statements.

(viii) Differentiate between while and do-while loops in PHP.

(ix) Explain the difference between arguments and parameters in PHP functions.

(x) How can you include a PHP file containing user-defined functions in another PHP file?

(xi) What is the difference between the "double" and "float" data types in PHP?

(xii) What is the purpose of the "object" data type in PHP?

← X →