R-17

Code: 7G172

IV B.Tech. I Semester Supplementary Examinations March/April 2023
Enterprise Programming
(Computer Science and Engineering)

Max. Marks: 70   Time: 3 Hours

Answer *any five full questions* by choosing one question from each unit (5x14 = 70 Marks)
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		Marks	CO	Blooms Level
UNIT–I				
1. a)	Write steps to install WAMP server.	7M	CO1	L1
b)	Explain the anatomy of a PHP page.	7M	CO1	L2
OR				
2. a)	Explain how to handle HTTP request and response.	7M	CO1	L1
b)	How do you configure PHP environment?	7M	CO1	L1
UNIT–II				
3. a)	Describe the data types used in PHP.	7M	CO2	L2
b)	Differentiate "while" and "do…while" construct used in PHP. Write a relevant program to demonstrate.	7M	CO2	L3
OR				
4. a)	Create a PHP script that demonstrates file handling.	7M	CO2	L6
b)	Write a PHP script for creating instances using constructors.	7M	CO2	L1
UNIT–III				
5. a)	What is a Session? How are session variables encoded and decoded in PHP? Give examples.	7M	CO3	L2
b)	Write a PHP script to display Date and Time in various formats.	7M	CO3	L1
OR				
6. a)	Compare and contrast between client-side form validation and server-side form validation with relevant examples.	7M	CO3	L5
b)	Explain how to deal with "Preventing Multiple Submissions of a form".	7M	CO3	L1
UNIT–IV				
7.	How do you create a query in PHP? How do you fetch the dataset? Discuss the four fetching functions in detail.	14M	CO4	L6
OR				
8.	Create a PHP script that depicts the Usage of PDO for Retrieving data from the MYSQL database.	14M	CO4	L6
UNIT–V				
9. a)	Write in detail XML HttpRequest Properties.	7M	CO5	L2
b)	Write a PHP script to demonstrate the form validation using AJAX.	7M	CO5	L2
OR				
10. a)	What is AJAX? Explain with neat schematic diagram the working of AJAX.	7M	CO5	L4
b)	What are the real web applications of AJAX currently running in the market? List various security issues of AJAX.	7M	CO5	L2

END

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IV B.Tech. I Semester Supplementary Examinations March/April 2023
Big Data and Data Analytics
(Computer Science and Engineering)

Max. Marks: 70   Time: 3 Hours

Answer *any five full questions* by choosing one question from each unit (5x14 = 70 Marks)

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			Marks	CO	BL

UNIT–I

1.	a)	What is Big Data? Explain some best practices of Big Data?	7M	1	1
	b)	Compare and contrast RDBMS and Map-reduce.	7M	1	4

OR

2.		Describe the following terms in detail.			
		a) Grid computing b) volunteer computing.	14M	1	3

UNIT–II

3.		Outline the concept of Hadoop streaming with an example.	14M	2	4

OR

4.		Illustrate the design of HDFS.	14M	2	4

UNIT–III

5.	a)	Explain the shuffle and sort in Map-reduce.	7M	3	3
	b)	Explain in detail about Map-reduce in Hadoop works.	7M	3	1

OR

6.		How status updates are propagated through the MapReduce system? Explain	14M	3	1

UNIT–IV

7.	a)	How does a Hadoop cluster bench marking is done.	7M	4	2
	b)	Give a brief note on map side join and reduce side join with an example.	7M	4	3

OR

8.	a)	Distinguish between task counters and job counters.	7M	4	4
	b)	Explain the shuffle and sort phase in mapReduce.	7M	4	2

UNIT–V

9.	a)	What is Pig? Describe its properties	7M	5	2
	b)	Describe the components of Pig.	7M	5	2

OR

10.	a)	Illustrate the working of Hive with a neat sketch	7M	5	3
	b)	Describe Hive data types with and example.	7M	5	2

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