

Hall Ticket Number :

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**R-17**

**Code: 7G173**

IV B.Tech. I Semester Regular Examinations Nov/Dec 2022

**Mobile Application Development**

( Computer Science and Engineering )

Max. Marks: 70

Time: 3 Hours

Answer all five units by choosing one question from each unit ( 5 x 14 = 70 Marks )

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Marks CO Blooms Level

**UNIT-I**

1. Categorize the various types of android applications and justify which among them provides fast performance and high reliability with an example. 14M 1 4

**OR**

2. Determine the steps with appropriate procedure involved in linking activities with intents in android application development 14M 1 3

**UNIT-II**

3. Demonstrate with example how we can arrange GUI elements in an android application layout using i. Linear Layout ii. Relative Layout. 14M 2 3

**OR**

4. How can you change screen orientation programmatically explain. 14M 2 6

**UNIT-III**

5. How can you create gallery application to view the images in grid explain with example 14M 3 4

**OR**

6. Discuss in detail about creating a database and how to use it for storing and retrieving data 14M 3 2

**UNIT-IV**

7. With an example explain how can you share the data between two android application using Content Providers? 14M 4 2

**OR**

8. Generate the steps involved in managing SMS operations such as sending data to the given mobile device using SmsManager. 14M 4 6

**UNIT-V**

9. Explain the process of fetching data over the network without blocking user interaction with an activity 14M 5 2

**OR**

10. Determine the use of Location Services in generating the Location Quality of Service and displaying a location address 14M 5 3

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Hall Ticket Number :										
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<b>R-17</b>
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**Code: 7G171**

IV B.Tech. I Semester Supplementary Examinations Nov/Dec 2022

**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 dimensions of big data. | 7M | CO1 | L1 |
| b) Explain evaluation of Big Data?                      | 7M | CO1 | L2 |

**OR**

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|--|----|-----|----|
| 2. a) What are the best practices for big data analytics? Explain. | 7M | CO1 | L2 |
| b) Compare and contrast the RDBMS and map-reduce.                  | 7M | CO1 | L4 |

**UNIT-II**

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|--|----|-----|----|
| 3. a) Summarize "Analyzing data with UNIX tools" | 7M | CO2 | L2 |
| b) Discuss about "scaling out"?                  | 7M | CO2 | L2 |

**OR**

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|---|----|-----|----|
| 4. a) Illustrate java interface in HDFS?  | 7M | CO2 | L3 |
| b) Describe Data Integrity in Hadoop I/O? | 7M | CO2 | L2 |

**UNIT-III**

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|--|----|-----|----|
| 5. a) Illustrate configuration API in Map Reduce work? | 7M | CO3 | L2 |
| b) Discuss about writing a unit test?                  | 7M | CO3 | L2 |

**OR**

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|--|----|-----|----|
| 6. a) Predict failures in Map Reduce work?       | 7M | CO3 | L3 |
| b) Explain output formats in Map Reduce concept? | 7M | CO3 | L2 |

**UNIT-IV**

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|---|----|-----|----|
| 7. a) Compare and Contrast Task Counters with Job Counters. | 7M | CO3 | L4 |
| b) Explain about Map side joins with an example.            | 7M | CO3 | L2 |

**OR**

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|--|----|-----|----|
| 8. a) Give a brief note on SSH Configuration and Hadoop Configuration. | 7M | CO4 | L1 |
| b) Explain the Benchmarking a Hadoop Cluster.                          | 7M | CO4 | L2 |

**UNIT-V**

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|--|----|-----|----|
| 9. a) Elaborate the data processing operators in Pig.            | 7M | CO5 | L2 |
| b) Explain the Execution modes of Pig? How to run a pig program. | 7M | CO5 | L2 |

**OR**

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|--|----|-----|----|
| 10. a) Compare Hive with Traditional Data Bases. | 7M | CO5 | L3 |
| b) Explain the Hive Shell with an Example.       | 7M | CO5 | L2 |

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Hall Ticket Number :

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**R-17**

**Code: 7G172**

IV B.Tech. I Semester Supplementary Examinations Nov/Dec 2022

**Enterprise Programming**  
(Computer Science and Engineering)

Max. Marks: 70

Time: 3 Hours

Answer all five units by choosing one question from each unit ( 5 x 14 = 70 Marks )

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**UNIT-I**

1. a) What is Client-Server Architecture? How do you handle HttpRequest and HttpResponse in PHP? Explain 12M
- b) List out the various Client-Side and Server-Side Technologies? 2M

**OR**

2. a) Describe the anatomy of PHP 7M
- b) What is Web Server? How do you install XAMPP/WAMPP Server into system? Explain? 7M

**UNIT-II**

3. a) Develop a PHP script to create an array of five strings 7M
- b) Create a PHP script to Multiply two numbers by passing them as arguments to a function 7M

**OR**

4. a) Write a PHP function to return square of number. 7M
- b) Develop a PHP script to define an array and display its contents. 7M

**UNIT-III**

5. a) Illustrate the usage of session\_start() and session\_destroy() function in PHP. 10M
- b) Define the usage of date()method in PHP. 4M

**OR**

6. a) Create a PHP script that demonstrates the usage of PHP super global variable \$\_SERVER and \$\_SESSION 10M
- b) Describe the validation form in PHP? 4M

**UNIT-IV**

7. a) Illustrate the usage of mysqli\_connect()method in PHP 10M
- b) The Basic requirements of AJAX? Explain 4M

**OR**

8. a) Create a PHP script to display the records of an Employee Table. 10M
- b) In detail explanation on AJAX with suitable example? 4M

**UNIT-V**

9. a) How do you pass values into GET and POST methods in AJAX? Explain with suitable examples? 10M
- b) Difference between PHP and AJAX 4M

**OR**

10. a) Discuss on Client Driven Communication in AJAX 10M
- b) Write a small program on Forms using AJAX 4M

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