

Hall Ticket Number :

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R-17

Code: 7G172

IV B.Tech. I Semester Regular & Supplementary Examinations January 2022

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)

	Marks	CO	Blooms Level
UNIT-I			
1. a) Differentiate between XAMPP and WAMP bundle servers.	7M	CO1	L2
b) Explain the anatomy of a PHP page.	7M	CO1	L2
OR			
2. a) Explain how to handle HTTP request and response.	7M	CO1	L2
b) Write steps to install XAMPP server.	7M	CO1	L1
UNIT-II			
3. a) Explain in brief various operators in PHP with examples.	7M	CO2	L2
b) Write a PHP program to find the number of characters in the string.	7M	CO2	L2
OR			
4. a) Create a PHP script to depict the usage of Abstract classes and methods.	7M	CO2	L6
b) Write a PHP script for usage of class destructor.	7M	CO2	L2
UNIT-III			
5. a) What are Cookies? How are they created, used, and deleted in PHP? Give examples.	7M	CO3	L2
b) Compare and contrast between GET vs POST.	7M	CO3	L5
OR			
6. a) Write in detail various form issues in web page development.	7M	CO3	L2
b) Discuss on working with multiple forms with relevant example.	7M	CO3	L2
UNIT-IV			
7. Create a Form with following text fields StdId, StdName, StdAge, StdCourse, StdAddress . Write PHP code to insert the above values into a database table and perform query to Update and delete.	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 Methods.	7M	CO5	L2
b) Write about Procs and Cons of Today's Web Application Environment.	7M	CO5	L2
OR			
10. a) What is AJAX? Explain with neat schematic diagram the working of AJAX.	7M	CO5	L4
b) Write short notes on XML HttpRequest properties.	7M	CO5	L2

END

Hall Ticket Number :

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R-17

Code: 7GA71

IV B.Tech. I Semester Regular & Supplementary Examinations January 2022

Human Resource Management

(Common to All Branches)

Max. Marks: 70

Time: 3 Hours

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

Marks CO Blooms Level

UNIT-I

- | | | | |
|---|----|-----|---|
| 1. a) Explain the nature and scope of human resource management in the context of an organization. | 7M | 1,2 | 1 |
| b) Discuss any three ethical issues faced by human resource professionals with an example for each of them. | 7M | 1,2 | 2 |

OR

- | | | | |
|---|----|-----|---|
| 2. a) Write a short notes on competitive challenges influencing HRM. | 7M | 1,3 | 3 |
| b) Discuss the functions of human resource management by highlighting the operative functions and its strategic intent. | 7M | 1,4 | 3 |

UNIT-II

- | | | | |
|---|----|-----|---|
| 3. a) Elucidate the importance of human resource planning. | 7M | 1,4 | 3 |
| b) Give different methods of collecting data for job analysis and compare any two of the methods. | 7M | 4,5 | 5 |

OR

- | | | | |
|--|----|-----|---|
| 4. a) Explain in detail about Human Resource Information systems and its applications in business world. | 7M | 3,5 | 4 |
| b) What is job design? Present any three techniques of job design. | 7M | 3,4 | 4 |

UNIT-III

- | | | | |
|--|----|-----|---|
| 5. a) L&G is an IT based start-up company that opts for campus recruitment. If you are a HR specialist of L & G, what process you will you recommend for the recruitment of fresher's. | 7M | 4,5 | 6 |
| b) Explain any three factors that affect the selection decision outcomes. | 7M | 3,4 | 4 |

OR

- | | | | |
|---|----|-----|---|
| 6. a) Narrate the process of recruitment with appropriate steps and examples. | 7M | 1,4 | 5 |
| b) Develop an orientation program for the undergraduate students of any degree program. | 7M | 3,4 | 6 |

UNIT-IV

- | | | | | |
|-------|---|----|-----|---|
| 7. a) | Compare the different types of training. | 7M | 1,3 | 2 |
| b) | What is development? What are the factors influencing executing development in an organization. | 7M | 2,3 | 6 |

OR

- | | | | | |
|-------|---|----|-----|---|
| 8. a) | Explain different ways an organization can support employees in career advancement. | 7M | 2,5 | 5 |
| b) | How can training helps employees in career progression in the organization? | 7M | 3,5 | 5 |

UNIT-V

- | | | | | |
|-------|--|----|-----|---|
| 9. a) | Elucidate the procedure for arriving at the compensation for a job role. | 7M | 2,3 | 4 |
| b) | Explain the grievance handling procedure with the help of organizational related grievances. | 7M | 3,4 | 5 |

OR

- | | | | | |
|--------|--|----|-----|---|
| 10. a) | Distinguish between monetary and non-monetary perquisites and give three examples for each of them. | 7M | 4,5 | 4 |
| b) | Give the importance of collective bargaining and state reasons why maintaining cordial employee-employer relationship is needed. | 7M | 4,5 | 5 |

****END****

Code: 7G57E

IV B.Tech. I Semester Regular & Supplementary Examinations January 2022

Industrial Management & Entrepreneurship

(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)

Marks CO Blooms
 Level

UNIT-I

- | | | | | |
|---|----|-----|--|--------|
| 1. a) Explain the general principles of Management as given by Henry Fayol. | 7M | CO1 | | L2, L3 |
| b) Explain the merits and demerits of Government owned companies | 7M | CO1 | | L2, L3 |

OR

- | | | | | |
|---|----|-----|--|--------|
| 2. a) State various types of business organization? Explain any two of them stating the merits and demerits of it. | 6M | CO1 | | L2, L3 |
| b) With suitable examples, explain how effective advertising and sales promotion will lead to the growth of the firm. | 8M | CO1 | | L3, L4 |

UNIT-II

- | | | | | |
|---|----|-----|--|--------|
| 3. a) Explain various factors influencing the working capital requirement. | 6M | CO2 | | L2, L3 |
| b) Why is depreciation charged as expense? Briefly explain the declining balance depreciation method. | 8M | CO2 | | L2, L3 |

OR

- | | | | | |
|--|----|-----|--|--------|
| 4. a) "Capital budgeting in financial management is an important aspect". Justify the statement. | 8M | CO2 | | L3, L4 |
| b) Explain various methods of capital budgeting. | 6M | CO2 | | L2, L3 |

UNIT-III

5. a) A project consists of FIVE activities. The activities precedence relations and activity durations (in days) are given below.

Activity	Node	Activity Duration
A	1-2	2
B	2-3	4
C	2-4	1
D	3-4	5
E	4-5	3

- i) Construct the project network
- ii) Determine critical path
- iii) Calculate project completion time
- iv) Find TF,FF and IF for activity 'C'

10M CO3 L2, L3

- b) Briefly explain ABC analysis.

4M CO3 L2, L3

OR

6. a) State and explain the functions of PPC. 7M CO3 L2, L3
b) Differentiate CPM and PERT. 7M CO3 L2, L3

UNIT-IV

7. a) What are the functions of personnel management? 4M CO4 L2, L3
b) Briefly explain various leadership styles and state the merits and demerits of them. 10M CO4 L2, L3

OR

8. a) What is recruitment? State different sources of recruitment. 7M CO4 L2, L3
b) What is selection? Briefly explain the general selection process in IT industry? 7M CO4 L2, L3

UNIT-V

9. a) What is entrepreneurship? What are the factors affecting entrepreneurship? 7M CO5 L2, L3
b) Briefly explain various stages of product design process. 7M CO5 L2, L3

OR

10. a) What is the need for training for enterprises? How is this achieved? 7M CO5 L3, L4
b) Briefly explain the steps in process design. 7M CO5 L2, L3

****END****

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R-17

Code: 7G173

IV B.Tech. I Semester Regular & Supplementary Examinations January 2022

Mobile Application Development

(Computer Science and Engineering)

Max. Marks: 70

Time: 3 Hours

Answer any five full questions by choosing one question from each unit (5 x 14 = 70 Marks)

Marks	CO	Blooms Level
-------	----	--------------

UNIT-I

- | | | | |
|--|----|-----|-------|
| 1. a) List and explain the features of Android. | 6M | CO1 | L1,L2 |
| b) How Android works? Explain with neat diagram. | 8M | CO1 | L3 |

OR

- | | | | |
|---|----|-----|----|
| 2. a) Discuss in detail about lifecycle of fragment. | 6M | CO1 | L2 |
| b) Demonstrate with an example how we can linking the activities with intent. | 8M | CO1 | L3 |

UNIT-II

- | | | | |
|---|----|-----|-------|
| 3. a) Discuss in detail about views and view groups. | 7M | CO2 | L2 |
| b) List the steps for showing and hiding the action bar using android studio. | 7M | CO2 | L1,L3 |

OR

- | | | | |
|---|----|-----|----|
| 4. a) Demonstrate with an example how to display a list of items using the List View. | 8M | CO2 | L3 |
| b) Describe in detail about Spinner View. | 6M | CO2 | L1 |

UNIT-III

- | | | | |
|--|----|-----|----|
| 5. a) How to use the Image View to display the image? Explain. | 7M | CO3 | L2 |
| b) How to display the series of images? Explain. | 7M | CO3 | L2 |

OR

- | | | | |
|---|-----|-----|----|
| 6. Explain about how to create and use a SQLite database. | 14M | CO3 | L2 |
|---|-----|-----|----|

UNIT-IV

- | | | | |
|---|----|-----|-------|
| 7. a) Discuss in detail about the process for creating your own content provider. | 7M | CO4 | L2 |
| b) List and explain about content providers useful in sharing data in Android. | 7M | CO4 | L1,L2 |

OR

- | | | | |
|--|----|-----|-------|
| 8. a) Demonstrate with an example how to send SMS messages using a built in messaging application. | 7M | CO4 | L3 |
| b) Explain in detail about how to send email messages from your application. | 7M | CO4 | L1,L2 |

UNIT-V

- | | | | |
|---|-----|-----|----|
| 9. What are the differences between geocoding and reverse geocoding? Explain. | 14M | CO5 | L2 |
|---|-----|-----|----|

OR

- | | | | |
|---|----|-----|----|
| 10. a) Explain how to create a service that runs in the background. | 7M | CO5 | L2 |
| b) How to perform long running tasks in a separate thread? Explain. | 7M | CO5 | L2 |

END

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R-17

Code: 7G177

IV B.Tech. I Semester Regular & Supplementary Examinations January 2022

Software Project Management
(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)

Marks	CO	Blooms Level
-------	----	-----------------

UNIT-I

- | | | | |
|--|----|-----|-----|
| 1. a) Explain waterfall model. | 7M | CO1 | BL1 |
| b) Describe the three generations of software economics? | 7M | CO2 | BL2 |

OR

- | | | | |
|--|----|-----|-----|
| 2. a) Explain about object-oriented methods and visual modeling? | 7M | CO1 | BL1 |
| b) Briefly explain pragmatic software cost estimation | 7M | CO2 | BL2 |

UNIT-II

- | | | | |
|---|----|-----|-----|
| 3. a) Write and explain any ten principles of conventional software development Process | 7M | CO3 | BL2 |
| b) Briefly discuss about engineering stages. | 7M | CO1 | BL2 |

OR

- | | | | |
|--|----|-----|-----|
| 4. a) Explain in detail about test artifacts. | 7M | CO3 | BL2 |
| b) Write the primary objectives of Construction and Transition phases. | 7M | CO2 | BL2 |

UNIT-III

- | | | | |
|---|----|-----|-----|
| 5. a) Define Model-Based software architecture? | 7M | CO1 | BL2 |
| b) Explain various process workflows? | 7M | CO1 | BL1 |

OR

- | | | | |
|---|----|-----|-----|
| 6. a) Define typical sequence of life cycle checkpoints? | 7M | CO1 | BL2 |
| b) Explain general status of plans, requirements and product across the major milestones. | 7M | CO2 | BL2 |

UNIT-IV

- | | | | |
|--|----|-----|-----|
| 7. a) Discuss in detail about Pragmatic software metrics & its automation Applications | 7M | CO4 | BL3 |
| b) What are the activities of Software Management Team? | 7M | CO3 | BL2 |

OR

- | | | | |
|---|----|-----|-----|
| 8. a) What are Evolutionary work break down structure. List there levels. | 7M | CO3 | BL3 |
| b) What is Pragmatic planning? How it effects project development | 7M | CO4 | BL5 |

UNIT-V

- | | | | |
|---|----|-----|-----|
| 9. a) Explain continuous integration progress profile in modern projects. | 7M | CO4 | BL3 |
| b) Differentiate Management and Quality indicators | 7M | CO4 | BL3 |

OR

- | | | | |
|--|----|-----|-----|
| 10. a) Illustrate Primary dimensions of Process variability | 7M | CO5 | BL4 |
| b) How Next generation Software economics improves Project development | 7M | CO5 | BL3 |

Hall Ticket Number :

R-17

Code: 7G171

IV B.Tech. I Semester Regular & Supplementary Examinations January 2022

Big 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)

Marks CO Blooms Level

UNIT-I

- 1. a) Identify “the nuts and bolts of Big Data”? 7M CO1 L1
- b) Recall Evolution of Big Data? 7M CO1 L1

OR

- 2. a) Discuss about “best practices for Big Data Analytics” 7M CO1 L2
- b) Contrast Big Data with other systems? 7M CO1 L2

UNIT-II

- 3. a) Demonstrate “analyzing data with Hadoop”? 7M CO1 L3
- b) Explain about “Hadoop streaming”? 7M CO1 L2

OR

- 4. a) Summarize HDFS concepts? 7M CO2 L2
- b) Discuss about “data compression in Hadoop I/O”? 7M CO2 L2

UNIT-III

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

OR

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

UNIT-IV

- 7. a) Explain joins in Map Reduce concept? 7M CO4 L2
- b) Illustrate cluster specification in Hadoop cluster setting? 7M CO4 L3

OR

- 8. a) Determine bench marking on Hadoop cluster? 7M CO4 L3
- b) Demonstrate maintenance of HDFS? 7M CO4 L3

UNIT-V

- 9. a) Describe Pig Latin? 7M CO5 L2
- b) Illustrate Installing and Running Pig? 7M CO5 L3

OR

- 10. a) Describe HiveQL? 7M CO5 L2
- b) Model querying data in Hive? 7M CO5 L3

END

Hall Ticket Number :

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R-17

Code: 7G674

IV B.Tech. I Semester Regular & Supplementary Examinations January 2022

Disaster Management

(Common to All Branches)

Max. Marks: 70

Time: 3 Hours

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

UNIT-I

- | | Marks | CO | Blooms Level |
|--|-------|-----|--------------|
| 1. a) Define Disaster and Hazard. Write a detailed note on Natural disaster. | 7M | CO1 | L1 |
| b) Explain the difference between hazard and vulnerability with examples. | 7M | CO1 | L2 |

OR

- | | | | |
|--|----|-----|----|
| 2. a) How can we mitigate on the disasters in the environment? | 7M | CO1 | L1 |
| b) How does capacity influence disaster? Explain with example. | 7M | CO1 | L1 |

UNIT-II

- | | | | |
|--|----|-----|----|
| 3. a) How Earthquake is measured and what are all the damages caused by Tsunami. | 7M | CO2 | L1 |
| b) Explain the necessary steps to be avoid dangerous epidemics after a flood disaster? | 7M | CO2 | L2 |

OR

- | | | | |
|---|----|-----|----|
| 4. a) List the activities that trigger human-induced disasters. | 7M | CO2 | L1 |
| b) Describe the Bhopal Gas Tragedy | 7M | CO2 | L2 |

UNIT-III

- | | | | |
|---|----|-----|----|
| 5. a) Explain in detail about the impacts of disaster on environment. | 7M | CO3 | L2 |
| b) Explain in detail about Recent Trends in Disaster Management. | 7M | CO3 | L2 |

OR

- | | | | |
|---|----|-----|----|
| 6. a) How does climate change affect disasters? | 7M | CO3 | L1 |
| b) Explain in detail about urban disaster. | 7M | CO3 | L2 |

UNIT-IV

- | | | | |
|---|----|-----|----|
| 7. a) Discuss the important steps in relief distribution. Examine the problem areas during recovery phase of disaster management. | 7M | CO4 | L3 |
| b) Discuss key stages of Disaster Cycle. | 7M | CO4 | L3 |

OR

- | | | | |
|---|----|-----|----|
| 8. a) Explain the role and functions of a disaster manager. | 7M | CO4 | L2 |
| b) Discuss the principles of community based disaster management. | 7M | CO4 | L3 |

UNIT-V

- | | | | |
|--|----|-----|----|
| 9. a) Describe the role of sustainable development in disaster management. | 7M | CO5 | L2 |
| b) Explain the need of quick reconstruction technologies in disaster management. | 7M | CO5 | L2 |

OR

- | | | | |
|--|----|-----|----|
| 10. a) Explain the factors to be considered while planning the rebuilding works after a major disaster due to flood. | 7M | CO5 | L2 |
| b) Describe the role of land use planning and development regulations in disaster management. | 7M | CO5 | L2 |

END