

Hall Ticket Number :

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R-17

Code: 7G172

IV B.Tech. I Semester Supplementary Examinations May/June 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)

Marks CO Blooms Level

UNIT-I

1. a) Write short notes on (i)XAMPP, (ii) HTTP request methods
b) List down HTTP error messages and explain

OR

2. Consider an event based web page discuss in detail on the anatomy of PHP using a case study.

UNIT-II

3. a) Describe on the logical internal structure of an array in PHP
b) List out any FIVE commonly used string functions in PHP and discuss with examples in detail

OR

4. Write a note on
a) Formatting b) Matching c) Extracting with examples

UNIT-III

5. What is a cookie? Write the PHP code to set a cookie named "car" and value "BMW". The cookie should expire after two days. Display the value stored in \$_COOKIE.

OR

6. Discuss in detail on Form Creation, Validation using examples.

UNIT-IV

7. Create a web page form with following text fields Student Register Number, Student Name, Student Class, Maths Mark, Science Mark, History Mark, Geography Mark entry into a submit button. Write PHP code to insert the above values into a database table and calculate the Grade.

OR

8. a) Discuss in detail on PDO and its advantages.
b) How PDO can be used to work with PHP for error handling procedures and query execution

UNIT-V

9. Explain how AJAX handles HTTP Get and Post methods with an example program.

OR

10. a) List any four merits for usage of AJAX in web service?
b) Explain on Ajax client server architecture in detail with diagram.

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R-17

Code: 7GA71

IV B.Tech. I Semester Supplementary Examinations May/June 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) Discuss various evolutionary phases outlining the specific characteristics of each phase in shaping the development of human resource management.	7M	1	1
b) Elucidate any three competitive challenges influencing human resource management.	7M	1,3	2
OR			
2. a) Consider you are starting a new company. Being a human resource specialist, write in detail how would you set up an HR Department. Give focus to details of the various processes involved.	7M	1,4	5
b) Distinguish between managerial and competitive challenges influencing human resource management.	7M	1,4	3
UNIT-II			
3. a) Explain various barriers to human resource planning.	7M	2,3	3
b) Define job analysis, job description and job specification. Analyze the job role of a project manager.	7M	1,3	4
OR			
4. a) Paristo is a start-up E-commerce company which was incorporated recently with a vision of reaching 100 Crore turnover in the first 5 years. As a HR Manager, explain the steps involved in preparing human resource planning for the first five years to meet the 100 Crore turnover target.	7M	3,5	6
b) Present the factors that affect the job design.	7M	3,4	4
UNIT-III			
5. a) Discuss the different types of recruitment practices followed in an organization?	7M	1,4	4
b) Compare any two selection tests and identify a better selection test for a sales person job considering the problem of bias in the selection tests.	7M	3,4	5

OR

6. a) Orienting employees to their workplaces and their jobs is one of the most neglected functions in many organizations. What happens when orientation to new employees is not carried effectively? 7M 4,5 6
- b) What do you mean by social media recruiting? Evaluate the effectiveness of recruitment process through social media. 7M 4,5 5

UNIT-IV

7. a) Training like any other human resource function, should be evaluated to determine its effectiveness". Present various ways to evaluate training. 7M 3,4 5
- b) Present various career stages for a job role of your choice in IT sector. 7M 1,4 5

OR

8. a) You are the HR Manager of the Zoyato company, which is a BPO. You have recently recruited HR trainees for the company. Carefully device Training plan for the new trainees. 7M 3,5 6
- b) Compare the advantages and disadvantages of training. 7M 3,4 4

UNIT-V

9. a) As a HR Manager of an IT company device a suitable performance appraisal system considering the latest trends in IT industry. 7M 4,5 6
- b) Define Collective bargaining process. Present any one case on collective bargaining. 7M 2,15 5

OR

10. a) Contrast any three performance appraisal methods and suggest a suitable appraisal method for a frontline service employees of ITC hotel. 7M 1,5 4
- b) Explain how rewards increases employee motivation and performance. 7M 2,5 5

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R-17

Code: 7G57E

IV B.Tech. I Semester Supplementary Examinations May/June 2022

Industrial Management & Entrepreneurship

(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) Define management and list out various functions of management. 7M 1
- b) Explain various principles of management. 7M 2

OR

- 2. a) Describe salient features of Sole Proprietorship. 7M 2
- b) Determine about various distribution channels. 7M 3

UNIT-II

- 3. Explain in detail the Factors and Principles of Working capital management. 14M 2

OR

- 4. a) Define Depreciation. 4M 1
- b) Explain Straight line depreciation, declining balance methods. 10M 2

UNIT-III

- 5. a) Define production. 4M 1
- b) Explain the functions of Production planning and control. 10M 2

OR

- 6. A project consists of nine activities and the details about them are given below in the table 1. Draw the project network, number the events identify critical path and determine-duration of the project.

Table – 1 Activity	A	B	C	D	E	F	G	H	I (Last)
Duration in weeks	8	6	3	7	5	6	3	10	5
Predecessor(s)	–	A	B	C	D	B	B	G	E,F,H

14M 3

UNIT-IV

- 7. List out various functions of personnel management. 14M 1

OR

- 8. Explain in detail various motivational theories. 14M 2

UNIT-V

- 9. a) Explain various factors affecting entrepreneurship in detail. 7M 2
- b) Explain the role of communication in entrepreneurship. 7M 2

OR

- 10. a) List out the objectives of training for enterprises. 7M 1
- b) Explain various sources for providing finance for the enterprises. 7M 2

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R-17

Code: 7G173

IV B.Tech. I Semester Supplementary Examinations May/June 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) Explain in detail about installation process of Android studio.	8M	CO1	L2
b) Define Android. Discuss in detail about various Android devices in the market.	6M	CO1	L2
OR			
2. a) How to create an activity? Explain with an example.	6M	CO1	L2
b) Draw the sketch of Android Activity Life cycle and explain different phases of activity life cycle.	8M	CO1	L2
UNIT-II			
3. a) Name the three methods you can override to save an activity's state. In what instances should you use the various methods? Explain.	7M	CO2	L1,L2
b) Demonstrate with an example how you add action items to Action Bar.	7M	CO2	L3
OR			
4. a) Describe in detail about various views that you can use to design the user interface.	7M	CO2	L2
b) Demonstrate with an example how to use TimePicker View in the activity.	7M	CO2	L3
UNIT-III			
5. a) List and explain about two types of menus in android.	8M	CO3	L1,L2
b) List and explain the two methods you need to override when implementing a context menu in your activity.	6M	CO3	L1,L2
OR			
6. a) Explain about how to save simple data using the SharedPreferences object.	7M	CO3	L2
b) Explain about how to read and write files in internal and external storage.	7M	CO3	L2
UNIT-IV			
7. a) How you can use content provider from within your Android application? Explain.	7M	CO4	L2
b) What are the methods that you need to override in your own implementation of a content provider? Explain.	7M	CO4	L2
OR			
8. a) Demonstrate with an example how to send messages programmatically from within your application.	7M	CO4	L3
b) With an example explain how to receive incoming SMS messages.	7M	CO4	L3
UNIT-V			
9. a) Discuss in detail about how to get the location data.	7M	CO5	L2
b) How to monitoring a location? Explain in detail.	7M	CO5	L2
OR			
10. a) Explain about how to perform repeated task in a service.	7M	CO5	L2
b) Explain how an activity and a service communicate.	7M	CO5	L2

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R-17

Code: 7G177

IV B.Tech. I Semester Supplementary Examinations May / June 2022

Software Project Management
(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. Discuss about the limitations frequently faced due to the usage of Conventional software management approach in detail
- | | | |
|-----|-----|----|
| 14M | CO1 | L1 |
|-----|-----|----|

OR

2. Explain about the Predominant cost estimation. Also list out the characteristics of a good estimate and its applicability.
- | | | |
|-----|-----|----|
| 14M | CO1 | L1 |
|-----|-----|----|

UNIT-II

3. Mention about the risks involved in Conventional process with its impact and the modern approach to resolve the risk.
- | | | |
|-----|-----|----|
| 14M | CO1 | L2 |
|-----|-----|----|

OR

4. Explain the objectives, essential activities and evaluation criteria of each lifecycle phases.
- | | | |
|-----|-----|----|
| 14M | CO2 | L2 |
|-----|-----|----|

UNIT-III

5. Define Workflow? How it is different from milestone? List and explain the artifacts and lifecycle emphases associated with each workflow.
- | | | |
|-----|-----|----|
| 14M | CO2 | L2 |
|-----|-----|----|

OR

6. Define Milestone and its types? Give a brief description about the plans, requirements and solution space progress across the major milestones in lifecycle of a project.
- | | | |
|-----|-----|----|
| 14M | CO3 | L3 |
|-----|-----|----|

UNIT-IV

7. Compare and Contrast the Evolutionary and Conventional Work break down structures. For the scenario of Information system module in a college which approach suits better? Justify your explanation.
- | | | |
|-----|-----|----|
| 14M | CO4 | L4 |
|-----|-----|----|

OR

8. Describe the working principle of Round trip engineering. When and where it is applicable? Justify your explanation.
- | | | |
|-----|-----|----|
| 14M | CO4 | L4 |
|-----|-----|----|

UNIT-V

9. Explain the process discriminators that result from differences in project size for small - larger projects and that result from differences in various levels of stake holder cohesion.
- | | | |
|-----|-----|----|
| 14M | CO5 | L2 |
|-----|-----|----|

OR

10. Differentiate the tailoring process in small and large scale projects in the perspective of artifacts.
- | | | |
|-----|-----|----|
| 14M | CO5 | L3 |
|-----|-----|----|

END

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R-17

Code: 7G171

IV B.Tech. I Semester Supplementary Examinations May/June 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) Describe "what is Big Data"?	7M	CO1	L1
b) Identify "why big data matters"?	7M	CO1	L1
OR			
2. a) Discuss about Big Data sources?	7M	CO1	L2
b) Explain data storage and analysis?	7M	CO1	L2
UNIT-II			
3. a) Summarize "Analyzing data with UNIX tools"	7M	CO2	L2
b) Discuss about "scaling out"?	7M	CO2	L2
OR			
4. a) Illustrate java interface in HDFS?	7M	CO2	L3
b) Describe Data Integrity in Hadoop I/O?	7M	CO2	L2
UNIT-III			
5. a) Explain map reduce application running on a cluster?	7M	CO3	L2
b) Illustrate "Map Reduce workflows"?	7M	CO3	L3
OR			
6. a) Discuss about "anatomy of a Map Reduce Job Run"?	7M	CO3	L2
b) Explain about Input formats in Map Reduce work?	7M	CO3	L2
UNIT-IV			
7. a) Explain about counters in Map Reduce concept?	7M	CO4	L2
b) Discuss about Hadoop configuration?	7M	CO4	L2
OR			
8. a) Demonstrate cluster setup & installation?	7M	CO4	L3
b) Illustrate monitoring HDFS?	7M	CO4	L3
UNIT-V			
9. a) Explain User Defined Functions in Pig?	7M	CO5	L2
b) Discuss about data processing operators in Pig?	7M	CO5	L2
OR			
10. a) Demonstrate Installing &Running Hive?	7M	CO5	L3
b) Explain tables in Hive?	7M	CO5	L2

END

Hall Ticket Number :

R-17

Code: 7G674

IV B.Tech. I Semester Supplementary Examinations May/June 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)

	Marks	CO	Blooms Level
UNIT-I			
1. a) Define disaster and list out the important perceptions on disasters.	7M	CO1	L1
b) Explain the various hazards affecting the environment.	7M	CO1	L2
OR			
2. a) Explain the relationship between hazard, disaster and vulnerability in detail.	7M	CO1	L2
b) Explain the risk factors of disaster.	7M	CO1	L2
UNIT-II			
3. a) Explain in detail about the Tsunami.	7M	CO2	L2
b) Explain in detail about the Earthquakes.	7M	CO2	L2
OR			
4. a) Differentiate between Natural Disasters and Manmade Disasters.	7M	CO2	L2
b) List a few major natural disasters that occurred in India.	7M	CO2	L1
UNIT-III			
5. a) Explain in detail about the impacts of disaster on ecology.	7M	CO3	L2
b) List the impacts of human-induced disasters.	7M	CO3	L1
OR			
6. a) Explain in detail about disaster impacts on psycho social environment.	7M	CO3	L2
b) Describe the trends in disaster management.	7M	CO3	L2
UNIT-IV			
7. a) Discuss major issues involved in disaster preparedness.	7M	CO4	L3
b) Describe the different steps in relief distribution in disaster management.	7M	CO4	L2
OR			
8. a) Describe structural and non-structural mitigation measures in disaster management.	7M	CO4	L2
b) Describe the important phases of disaster cycle.	7M	CO4	L2
UNIT-V			
9. a) Discuss the environmental impacts of land use changes and urbanization	7M	CO5	L3
b) Explain the use of quick reconstruction technologies.	7M	CO5	L2
OR			
10. a) Explain the factors to be considered while planning the rebuilding works after a major disaster due to earthquake.	7M	CO5	L2
b) Define sustainable development and what are the challenges of sustainable development in India	7M	CO5	L1

END