

B.Tech.(CSE)
Eighth Semester
MID SEM – I EXAMINATION, February 2020
CS-8001
SOFT COMPUTING
Time: 2 Hours
Maximum Marks: 20
Minimum Pass Marks: 07

Note: - Attempt any five questions. All questions carry equal marks

- Q.1 What is soft computing? Explain in details.
- Q.2 Write soft computing application and its classification
- Q.3 Describe functioning of biological brain & neuron
- Q.4 What is perceptron learning model?
- Q.5 What is multilayer neuron network?
- Q.6 What is CNN and RNN Network?
- Q.7 Explain back-propagation algorithm
- Q.8 Describe Hopfield Nets

B.Tech.(CSE)
Eighth Semester
MID SEM – I EXAMINATION, February 2020
CS-8002
CLOUD COMPUTING
Time: 2 Hours
Maximum Marks: 20
Minimum Pass Marks: 07

Note: - Attempt any five questions. All questions carry equal marks

- Q1. What is cloud computing? Explain the two important features of cloud computing.
- Q.2 What are the different types of deployment models? Explain each in brief.
- Q.3 Compare SaaS, PaaS and IaaS with respect to following factors: i) Consumers ii) Services Offered
- Q.4 What is cloud storage? Explain.
- Q.5 Explain characteristics of cloud computing in detail.
- Q.6 Explain in brief about the architectural framework of cloud computing.
- Q.7 Explain types of cloud.
- Q.8 Write short note on cloud security and cloud service providers & models.

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CS-8002
CLOUD COMPUTING
Time: 2 Hours
Maximum Marks: 20
Minimum Pass Marks: 07

Note: - Attempt any five questions. All questions carry equal marks

- Q1. What is cloud computing? Explain the two important features of cloud computing.
- Q.2 What are the different types of deployment models? Explain each in brief.
- Q.3 Compare SaaS, PaaS and IaaS with respect to following factors: i) Consumers ii) Services Offered
- Q.4 What is cloud storage? Explain.
- Q.5 Explain characteristics of cloud computing in detail.
- Q.6 Explain in brief about the architectural framework of cloud computing.
- Q.7 Explain types of cloud.
- Q.8 Write short note on cloud security and cloud service providers & models.

B.Tech.(CSE)
Eighth Semester
MID SEM – I EXAMINATION, February 2020
CS-8003
Elective – V
(DATA MINING)
Time: 2 Hours
Maximum Marks: 20
Minimum Pass Marks: 07

Note: - Attempt any five questions. All questions carry equal marks

- Q.1 What is Data Warehouse? Write the need for data warehouse.
- Q.2 Explain warehouse schema.
- Q.3 Explain Data warehouse Architecture
- Q.4 Explain data model and data cube.
- Q.5 Describe the major elements of data mining
- Q.6 Explain warehouse server.
- Q.7 Explain is data extraction and cleaning?
- Q.8 Explain OLAP?

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Eighth Semester
MID SEM – I EXAMINATION, February 2020
CS-8003
Elective – V
(DATA MINING)
Time: 2 Hours
Maximum Marks: 20
Minimum Pass Marks: 07

Note: - Attempt any five questions. All questions carry equal marks

- Q.1 What is Data Warehouse? Write the need for data warehouse.
- Q.2 Explain warehouse schema.
- Q.3 Explain Data warehouse Architecture
- Q.4 Explain data model and data cube.
- Q.5 Describe the major elements of data mining
- Q.6 Explain warehouse server.
- Q.7 Explain is data extraction and cleaning?
- Q.8 Explain OLAP?

B.Tech.(CSE)
Eighth Semester
MID SEM – I EXAMINATION, February 2020
CS-8004
Elective – VI
(ADVANCE COMPUTER NETWORK)
Time: 2 Hours
Maximum Marks: 20
Minimum Pass Marks: 07

Note: - Attempt any five questions. All questions carry equal marks

- Q.1 What are the 7 layers of the OSI model?
- Q.2. What is the VOIP and how it works?
- Q.3. What Is The Role Of The Llc Sublayer In Data Link Layer?
- Q.4. What is Static and Dynamic DNS Record?
- Q.5. Explain the Different layers of the OSI model & its functionality.
- Q.6. Compare IPV4 & IPV6.
- Q.7. Define DNS Concepts
- Q.8. Write Short notes on: - FTP, TFTP, NFS

B.Tech.(CSE)
Eighth Semester
MID SEM – I EXAMINATION, February 2020
CS-8004
Elective – VI
(ADVANCE COMPUTER NETWORK)
Time: 2 Hours
Maximum Marks: 20
Minimum Pass Marks: 07

Note: - Attempt any five questions. All questions carry equal marks

- Q.1 What are the 7 layers of the OSI model?
- Q.2. What is the VOIP and how it works?
- Q.3. What Is The Role Of The Llc Sublayer In Data Link Layer?
- Q.4. What is Static and Dynamic DNS Record?
- Q.5. Explain the Different layers of the OSI model & its functionality.
- Q.6. Compare IPV4 & IPV6.
- Q.7. Define DNS Concepts
- Q.8. Write Short notes on: - FTP, TFTP, NFS