

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

(Affiliated to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD)
Gundlapochampally (H), Maisammaguda (V), Medchal (M), Medchal-Malkajiri (Dist), Hyderabad

IV B.TECH II SEMESTER REGULAR END EXAMINATIONS, MARCH-2018

Branch: IT

Subject: Management Science

Time: 3 hours

Max. Marks: 75

PART – A**I. Answer All Questions****5x1Mark=5 Marks**

1. Write the meaning of autocratic style of leadership.
2. Evaluate matrix organization?
3. What are different types of plant layouts?
4. Define 'Man Power Planning'.
5. What is Six sigma?

II. Answer All Questions**10x2Mark=20 Marks**

1. What is meant by planning?
2. What are the different leadership styles?
3. Write the meaning of 'Functional Organizational Structure'
4. What is virtual organization?
5. What is purchasing policy?
6. How inventory can classified.
7. Define network.
8. What is job enrichment?
9. Define ERP.
10. What is supply chain management?

PART-B**Answer All Questions****5x10 Marks= 50Marks**

1. Describe the nature and features of management?

(OR)

2. Explain the evaluation of management thought?
3. Evaluate line and staff organization and their merits, demerits and suitability.

(OR)

4. What do you mean by organization? Explain the principle of good organization.
5. What do you understand by EOQ? Derive a formula to determine it.

(OR)

6. Define various channels of distribution? What are the factors affecting the choice of channel distribution.

7. Differentiate personnel and Industrial relations from HRM?

(OR)

8. By using the table

Job	Predecessor	Optimistic	Most-likely	Pessimistic
A	--	2	5	8
B	A	6	9	12
C	A	5	14	17
D	B	5	8	11
E	C,D	3	6	9
F	--	3	12	21
G	E,F	1	4	7

a) Draw a Network for the above jobs.

b) What is the expected length of the project and its variance?

9. What is environmental scanning and what are the factors effecting external environment.

(OR)

10. Explain in detail about Business Process Re-engineering.

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IV B.TECH II SEMESTER REGULAR END EXAMINATIONS, MARCH-2018

Branch: IT

Subject: E-Commerce

Time: 3 hours

Max. Marks: 75

PART – A**I. Answer All Questions****5x1Mark=5 Marks**

1. Write the importance of E-commerce.
2. What is Smart Card?
3. Define e-retailing?
4. What are the various forms of advertisements you come across in web?
5. Write about different types of desktop video conferencing?

II. Answer All Questions**10x2Mark=20 Marks**

1. Differentiate: Electronic Transactions and Commercial Transactions?
2. Write about anatomy of E-commerce applications.
3. Explain the information flow between the organizations without EDI?
4. Write about Risks in electronic payment systems.
5. What are the models available in supply chain management?
6. Write about automation customization of E-commerce.
7. Discuss the two types of market research?
8. List out advantages of advertising through web to customer and organization.
9. Write about role of digital video in electronic ecommerce.
10. Define multimedia.

PART-B**Answer All Questions****5x10 Marks= 50Marks****Q1.** List and briefly explain E-Commerce applications?**(OR)****Q2.** Define e-commerce. What are its functions? Mention its significance?**Q3.** Give different ways by which EDI can reduce the time and cost?**(OR)****Q4.** Explain the internals of EDI for international trade?**Q5.** What is workflow management? How product or service customization is adopted in intra organizational commerce?**(OR)****Q6.** Differentiate between push-based supply chain and pull-based supply chain?**Q7.** Explain briefly on-line marketing process?**(OR)****Q8.** What do you mean by information retrieval? Discuss specific models on information retrievals?**Q9.** Explain the Compression methods of multimedia data?**(OR)****Q10** Explain briefly about desktop video processing?

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IV B.TECH II SEMESTER REGULAR END EXAMINATIONS, MARCH-2018

Branch: IT

Subject: Storage Area Networks

Time: 3 hours

Max. Marks: 75

PART – A**I. Answer All Questions**

5x1Mark=5 Marks

1. Define seek time.
2. Define Parity.
3. Name the three basic components of SAN.
4. Define MTTF,MTTR
5. Name the three security domains that apply to storage network.

II. Answer All Questions

10x2Mark=20 Marks

1. Mention the logical components of a physical disk.
2. What is meant by Zone Bit Recording?
3. Write about RAID mirroring technique
4. Give the components of an Intelligent Storage System.
5. Explain protocols of NAS
6. What is meant by RAIN in CAS?
7. How information availability is measured?
8. Compare Full backup and Incremental backup?
9. Write about data center monitoring
10. Explain industrial standards for data center.

PART-B**Answer All Questions**

5x10 Marks= 50Marks

Q1. Describe the challenges in data storage and management.

(OR)

Q2. Explain the physical components of a disk drive and their functions**Q3.** Explain the process of data recovery in case of a drive failure in RAID 5. What are the benefits of using RAID 3 in a backup application?

(OR)

Q4. Compare and contrast Integrated and Modular storage systems.**Q5.** Briefly explain about IP-SAN and NAS file system.

(OR)

Q6. Explain the architecture, features and benefits of content addressed storage (CAS)?**Q7.** Briefly compare and explain RTO and RPO.

(OR)

Q8. Explain about Replication technologies and their role in ensuring information availability and business continuity.**Q9. a)** Explain Security implementations in Storage networking.**b)** Discuss Critical Security attributes for information systems.

(OR)

Q10. Explain block-level and file-level Virtualization technologies.

