Shri Shankaracharya Institute of Professional Management & Technology

Department of Electronics & Tele Communication

Class Test – II Session- July – Dec, 2021 Month- Dec

Sem- CSE 7th Subject- Management Concept & Techniques **Code-** 328734(28)

ET Time Allowed: 2 hrs Max Marks: 40

Note: - ***All Questions carry equal marks.***

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
Q1	**Explain the principles on which is sound and efficient organisation structure can be developed? Mention also the steps in organising process.** **OR** **Under what condition departmentation kind of organisation structure is corrupted and how this objective are fulfilled? Further what may be the basis on which departmentation can be done in an organization.**	[8]	Understanding	CO2
Q2	**Define market?** **OR** **What are the features of marketing?**	[8]	Analyzing	CO3
Q3	**What are the objectives of advertising?** **OR** **What are the sources of market information?**	[8]	Understanding	CO2
Q4	**Give the meaning of the term operation management.**	[8]	Understanding	CO2
Q5	**Answer any 4 questions. (2 marks each)** **1. What is product layout ?** **2. Name any two merits of single storey buildings .** **3. Give the meaning of material handling.** **4. What is PPC ?** **5. What is routing ?** **6. Give the meaning of preventive maintenance.**	[8]	Analyzing	CO3

Shri Shankaracharya Institute of Professional Management & Technology
Department of Electronics and Telecommunication Engineering

Class Test – I , Month-JULY-DEC-2021

Sem- ET&T 7th Subject- CN

Time Allowed: 2 hrs Max Marks: 40

Note: - **solve any 5 questions**

Q. NO.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Explain Bridges, Routers.	[8]	Understanding	
2.	Give comparison between Subnetting, ARP, RARP,ICMP.	[8]	Understanding	
3.	Write a short note on wide area network.	[8]	Understanding	
4.	Explain LAN 802.11	[8]	Apply	
5.	Explain the term Carrier Sense Multiple Access with Collision Detection (CSMA/CD) in detail?	[8]	Apply	
6.	What is topologies & explain its types?	[8]	Apply	

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Department of Electronics and Telecommunication Engineering

Class Test – I , Month-JULY-DEC-2021

Sem- ET&T 7th Subject- CN

Time Allowed: 2 hrs Max Marks: 40

Note: - **solve any 5 questions**

Q. NO.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Explain Bridges, Routers.	[8]	Understanding	
2.	Give comparison between Subnetting, ARP, RARP,ICMP.	[8]	Understanding	
3.	Write a short note on wide area network.	[8]	Understanding	
4.	Explain LAN 802.11	[8]	Apply	
5.	Explain the term Carrier Sense Multiple Access with Collision Detection (CSMA/CD) in detail?	[8]	Apply	
6.	What is topologies & explain its types?	[8]	Apply	

Shri Shankaracharya Institute of Professional Management & Technology
Department of Electronics and Telecommunication
Class Test – II Session- July – Dec, 2021 Month- December
Sem-7th Subject- Wireless Communication Code- 328733(28)
Time Allowed: 2 hrs Max Marks: 40

Note: - ***Attempt any 5 question. All questions carry equal marks.***

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Expalin the working of GSM with the help of drawing architecture of it.	[8]	Remember	CO3
2.	Discuss protocol architecture for signaling in GSM.	[8]	Remember	CO3
3.	Describe the radio interface of GSM.	[8]	Remember	CO3
4.	What is Orthogonal Frequency Division Multiplexing? Give the detail of OFDM	[8]	Understand	CO4
5.	Descrbe SS- system with its advantage.	[8]	Remember	CO4
6.	Explain the process of GMSK.	[8]	Understand	CO4

Shri Shankaracharya Institute of Professional Management & Technology
Department of Electronics and Telecommunication
Class Test – II Session- July – Dec, 2021 Month- December
Sem-7th Subject- Wireless Communication Code- 328733(28)
Time Allowed: 2 hrs Max Marks: 40

Note: - ***Attempt any 5 question. All questions carry equal marks.***

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Expalin the working of GSM with the help of drawing architecture of it.	[8]	Remember	CO3
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4.	What is Orthogonal Frequency Division Multiplexing? Give the detail of OFDM	[8]	Understand	CO4
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Shri Shankaracharya Institute of Professional Management & Technology
Department of Electronics and Telecommunication Engineering
Class Test – II Session- July – Dec, 2021 Month- December
Sem- ET&T 7th Subject- Radar and Navigational Aids - 328744(28)
Time Allowed: 2 hrs Max Marks: 40

Note: - ***Attempt any 5 question. All questions carry equal marks.***

Q. NO.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Explain how forward scattering from flat earth surface changes radar performance.	[8]	Understanding	CO3
2.	Describe various standard and non standard propogation of radio waves.	[8]	Understanding	CO3
3.	What is th phased array antenna? List the salient features of phased array antenna.	[8]	Understanding	CO4
4.	Explain working of super heterodyne receiver.	[8]	Understanding	CO5
5.	Explain attenuation of radar energy by atmospheric gases.	[8]	Understanding	CO3
6.	Explain parabolic antenna and its different feeds.	[8]	Understanding	CO4
7.	Explain A-scope and PPI displays with reference to radar. What are their limitation?	[8]	Understanding	CO5

Shri Shankaracharya Institute of Professional Management & Technology
Department of Electronics and Telecommunication Engineering
Class Test – II Session- July – Dec, 2021 Month- December
Sem- ET&T 7th Subject- Radar and Navigational Aids - 328744(28)
Time Allowed: 2 hrs Max Marks: 40

Note: - ***Attempt any 5 question. All questions carry equal marks.***

Q. NO.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Explain how forward scattering from flat earth surface changes radar performance.	[8]	Understanding	CO3
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Shri Shankaracharya Institute of Professional Management & Technology
Department of Electronics and Telecommunication Engineering
Class Test – II Session- July– Dec, 2021 Month- December
ET&T 7th Subject- Microwave Communication and Engineering - 328731(28)
Time Allowed: 2 hrs Max Marks: 40

Note: - ***Attempt any 5 question. All questions carry equal marks.***

Q. NO.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	What is a PIN Diode? Describe the construction and working of a PIN Diode.	[8]	Understanding	CO3
2.	Explain the tunneling process in a Tunnel Diode.	[8]	Understanding	CO3
3.	Explain MESFETs with its condtruction, Operation and its characteristics.	[8]	Understanding	CO3
4.	Describe Microwave Bipolar transistors in terms of structure, operation and characterictics.	[8]	Understanding	CO3
5.	Differentiate between Transfer electron device and Avalanche transit time device.	[8]	Understanding	CO4
6.	Explain Gunn effect using the two valky theory and its mode of operation.	[8]	Understanding	CO4
7.	Explain the construction, operation and application of TRAPATT.	[8]	Understanding	CO4

Shri Shankaracharya Institute of Professional Management & Technology
Department of Electronics and Telecommunication Engineering
Class Test – II Session- July– Dec, 2021 Month- December
ET&T 7th Subject- Microwave Communication and Engineering - 328731(28)
Time Allowed: 2 hrs Max Marks: 40

Note: - ***Attempt any 5 question. All questions carry equal marks.***

Q. NO.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	What is a PIN Diode? Describe the construction and working of a PIN Diode.	[8]	Understanding	CO3
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7.	Explain the construction, operation and application of TRAPATT.	[8]	Understanding	CO4