

Modi Institute of Technology, Kota
Ist Midterm
IV Year VIII Sem
Branch: Electronics and Communication Engineering
Sub: Computer Networks

Time: 1 Hr

MM: [10]

Attempt any two questions. Each question carries five marks.

- Q1. Describe pure death and Birth-death processes?
- Q2. Explain the stop and wait protocol?
- Q3. What will happen if we remove the network layer from OSI (open system interconnection) reference model?

*****Best of Luck*****

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Attempt any two questions.Each question carries five marks.

- Q1) Explain various types of crystal defects with necessary diagram ? (5)
- Q2) Compare FZ & CZ crystal growth technique ? (5)
- Q3) Explain different types of wafer preparation method. (5)

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Sub: MEMS AND NANOTECHNOLOGY

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Attempt any two questions. Each question carries five marks.

- Q1. Density of states in two dimensions. Drive ?
- Q2. Explain Nanolithography ?
- Q3. Write short note on Liquid Phase Techniques .

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Ist Midterm
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Branch: Electronics & Comm.
Sub: Radar & TV

Time:1Hr

MM:[10]

Attempt any two questions.Each question carries five marks.

- Q1) What is working principle if CW radar ? What is limitation and How can it the overcome ? (5)
- Q2) Calculate the range of the target if the time taken by the radar signal to travel to target back is 100 microsecond. . (5)
- Q3) Draw the block diagram of TACN and DME and explain their operating principal. (5)

