

B.Sc. Sem.2 Examination**MDC-ELE-124 T****Electronics****Indian Satellite & Digital Circuits**

Time : 1-00 Hour]

[Max. Marks : 25

- Instruction : (1) All questions carry equal marks.
(2) Symbol used their usual meaning.

1. Draw the block diagram of typical Earth Station & explain fixed Satellite service. **10**

OR

1. Explain about satellite system in detail. Also discuss the use of satellite.
2. For a 4 variable K-Map explain pair, quad, octet, rolling & overlapping with proper example. **10**

OR

2. Write notes on (1) Segment decoder (2) Ex- OR gate.
3. Attempt any 5 out of 6 **5**
- 1) In satellite communication _____ modulation is used.
 - 2) Name two distinct parts of satellite system.
 - 3) INTELSAT V has _____ feet Antenna.
 - 4) Give full form of ROM
 - 5) Define Multiplexer
 - 6) Draw the symbol of 3 i/p X-OR gate.
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