

**St. Francis Institute of Technology
Borivali (West), Mumbai-400103**

Department of Information Technology

**Academic Year: 2023-2024
Class / Branch / Division: SE - IT A/B**

**Semester: III
Subject: Principle of Communication**

MODULE - 6

QUESTION BANK FOR AT-2

Q1. Explain the following terms with respect to space wave propagation -

- Optical Horizon
- Radio Horizon
- Shadow Zone

Q2. With respect to sky wave propagation, explain following terms -

- Virtual height
- Maximum Usable Frequency (MUF)
- Critical frequency
- Skip Distance
- Skip Zone

Q3. Explain ground wave propagation with the help of diagram. State advantages and disadvantages.

Q4. Explain sky wave propagation with the help of diagram. State advantages and disadvantages.

Q5. Explain space wave propagation with the help of diagram. State advantages and disadvantages.

Q6. Explain tropospheric scatter wave propagation with the help of diagram. State advantages and disadvantages.

Q7. Compare Ground wave, Sky wave and Space wave propagation

Subject Incharge

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