

**Assignement-1**  
**Submission Date: 06-02-2024**

**Year/ Semester : III /VI (Open Elective)**

**Academic Year : 2023-2024(EVEN)**

**Course Code &Title : 18ECO127T--5GTechnology-An Overview**

1. What is the necessary for modulation techniques? Write about QAM in detail with neat diagram
2. Explain about the OFDM technique with neat diagram.
3. What is the necessary for modulation techniques? Write about the Quadrature Phase Shift Keying in detail with neat diagram.