**SYLLABUS FOR MID TERM EXAMS (TRISEM 1) DIV-9**

**1)MATERIAL SCIENCE**

* **INTRODUCTION TO MS**
* **UNIT 1(NATURE OF METAL AND CHARACTERIZATION)**
* **UNIT 2(PROPERTIES OF METALS AND NON-METALS) {doubtful}**

**2)BIOLOGY FOR ENG.**

* **UNIT 1 (CHARACTERISTICS OF SCI AND ENG)**
* **UNIT 2 (PCM IN BIO)**

**3)MECHANICS**

* **MODULE 1 (INTRODUCTION AND OPERATION WITH FORCES)**
* **MODULE 4 (DYNAMIC: KINEMATICS OF PARTICLES)**

**4)BASIC MECH ENG.**

* **UNIT 1 – (INTRO AND SCOPE OF MECH ENG.)**
* **UNIT 2 – (MACHINE ELEMENTS, MECHANISMS, POWER TRANSMITTING DEVICES)**

**5)EFFECTIVE COMMUNICATION**

* **process of communication**
* **verbal nonverbal communication**
* **formal informal communication**
* **cross cultural communication**
* **idioms**
* **confusing words barriers of communication**