

**INDIAN SCHOOL MUSCAT
ENGINEERING GRAPHICS - YEAR PLAN 2020-21
CLASS XII**

MONTH	UNIT NO	TOPIC	SUB TOPIC
MARCH	1	ISOMETRIC PROJECTION OF SOLIDS	SINGLE SOLIDS INCLUDING PRISMS,PYRAMIDS,CONE, CYLINDER,FRUSTUMS OF PYRAMIDS AND CONE
APRIL/MAY	1	ISOMETRIC PROJECTION OF SOLIDS	SINGLE SOLIDS AND COMBINATION SOLIDS INCLUDING PRISMS ,PYRAMIDS,CONE, CYLINDER,FRUSTUMS OF PYRAMIDS AND CONE
MAY	2	MACHINE PARTS	HEXAGONAL AND SQUARE NUT AND BOLT ,PLAIN WASHER,COMBINATION OF NUT AND BOLT
MAY/JUNE	3	FREEHAND SKETCHING	TYPES OF STUDS (PLAIN,SQUARE NECK,COLLAR) ,TYPES OF RIVETS (SNAP,PAN,FLAT,60 DEGREE CSK
JUNE	4	ASSEMBLY DRAWING	OPEN BEARING
			FIRST ONLINE ASSESSMENT
			BUSHED BEARING
JULY	4	ASSEMBLY DRAWING	SLEEVE AND COTTER ROD JOINT
JULY	4	ASSEMBLY DRAWING	GIB AND COTTER
JULY	4	ASSEMBLY DRAWING	TURN BUCKLE
JULY			SECOND ONLINE ASSESSMENT
AUGUST	4	ASSEMBLY DRAWING	TURN BUCKLE
AUGUST	4	ASSEMBLY DRAWING	PIPE JOINT
AUGUST	PRACTICAL	BLOCK CUTTING/MANUAL DRAWING/COLLAB CAD	BLOCKS (1,2,3)
AUGUST	5	DIS-ASSEMBLY	OPEN BEARING
		DIS-ASSEMBLY	BUSHED BEARING
SEPTEMBER	5	DIS-ASSEMBLY	SLEEVE AND COTTER ROD JOINT
SEPTEMBER	5	DIS-ASSEMBLY	GIB AND COTTER
SEPTEMBER	PRACTICAL	BLOCK CUTTING/MANUAL DRAWING/COLLAB CAD	BLOCKS (4,5 &6)

SEPTEMBER	PRACTICAL	BLOCK CUTTING/MANUAL DRAWING/COLLAB CAD	BLOCKS (7,8 & 9)
OCTOBER	5	DIS-ASSEMBLY	GIB AND COTTER
OCTOBER	5	DIS-ASSEMBLY	TURN BUCKLE
OCTOBER	PRACTICAL	BLOCK CUTTING/MANUAL DRAWING/COLLAB CAD	BLOCK 10 ,COLLAB CAD FILE
NOVEMBER	5	DIS-ASSEMBLY	PIPE JOINT
NOVEMBER		REVISION	
JANUARY - MARCH		REVISION AND EXAMS	