

INDIAN SCHOOL MUSCAT
DEPARTMENT OF ENGINEERING GRAPHICS
SYLLABUS AND PAPER PATTERN FOR FINAL EXAM
GRADE XII 2020-2021

UNIT NO	UNIT NAME	NO.OF QUESTIONS	MARKS	REMARKS
1	ISOMETRIC PROJECTION	A.ISOMETRIC SCALE(1)	4	from the worksheet
		B.SINGLE SOLIDS(1)	7	
		C. COMBINATION SOLIDS(1)	13	
2	MACHINE DRAWING	1	8	Threads (BSW,METRIC,SQUARE ANDKNUCKLE)INTERNAL AND EXTERNAL, NUT AND BOLT (SQAURE AND HEXAGON) , WASHER,ASSEMBLY OF NUT AND BOLT
3	FREEHAND SKETCHING	1	5	TYPES OF STUD (PLAIN,SQUARE NECK,COLLAR), RIVETS (SNAP,PAN,FLAT ,60 DEGREE CSK
4	ASSEMBLY DRAWING	1	28	1.OPEN BEARING 2. BUSHED BEARING 3.SLEEVE AND COTTER ROD JOINT 4. GIB AND COTTER ROD JOINT 5. TURN BUCKLE 6.PIPE JOINT
5	MULTIPLE CHOICE QUESTIONS	5	5	READ THE TEXT THOROUGHLY
				TOTAL - 70