

DEPARTMENT OF MECHANICAL ENGG										
S.No.	SUBJECT	SUB. CODE	FACULTY NAME	COURSE	SEM	UNIT	DOA	DOS	QUESTION 1	QUESTION 2
1	POWER PLANT	KME076	TARUN KHATANA	B.TECH	7	5			WHAT IS DEPRECIATION? DESCRIBE THE SINKING FUND METHOD FOR CALCULATING DEPRECIATION RATE OF ANY POWER PLANT EQUIPMENT	WRITE THE SHORT NOTE ON 'POLLUTION DUE TO POWER GENERATION.
2	ADDITIVE MANUFACTURING	KME071	MOH.USMAN	B.TECH	7	5			WHY AEROSPACE EMPLOYS ADDITIVE MFG. PROCESS	GIVE THE NOMENCLATURE OF AM MACHINE
3	RENEWABLE ENERGY RESOURCES	KOE074	SACHIN YADAV	B.TECH	7	5			DEFINE OTEC	DEFINE BIOMASS RESOURCES.
4	HSMC-1	KHU-701	PARVEEN	BTECH	7	5			Define sustainable development?	Do you think various measures taken by the government to improve agricultural marketing are sufficient? Discuss.
5	THERMODYNAMICS	BME301	PANKAJ KUMAR	B.TECH	3	5			Draw the phase equilibrium diagram for a pure substance on h-s plot with relevant constant property lines	Explain degree of reaction. What are its limiting values?
6	FLUID MECHANICE	BME302	RAHUL MITTAL	B.TECH	3	5			Explain the working of Centrifugal pump with diagram	Difference between Centrifugal and Reciprocation pump
7	CYBER SECURITY	BCC301	VIPUL MALVA	B.TECH	3	5			WRITE SHORT NOTES ON INDIAN CYBER LOW.	DEFINE INTELLECTUAL PROPERTY ISSUES.
8	UNIVERSAL HUMAN VALUE AND PROFESSIONAL ETHIC	BVE301	SACHIN YADAV	BTECH	3	5			GIVE A CRITICAL REVIEW OF THE CURRENT MANAGEMENT MODELS IN PROFESSION	EXPLAIN ANY FIVE VALUES WHICH ARE NECESSARY FOR ETHICAL HUMAN CONDUCT
9	ELECTRONICS ENGINEERING	BAS303	JASBEER SINGH	B.TECH	3	5			Explain Digital Voltmeter with diagram	Explain CRT with suitable diagram.
10	MATERIALS ENGINEERING	BME303	MOH.USMAN	B.TECH	3	5			DESCRIBE THE PROCESS OF NDT AND IT'S PROPERTIES.	EXPLAIN THE ULTRA-SONIC TESTING.
11	PRODUCTION MANAGEMENT		SACHIN YADAV	POLYTECHNIC	5	5			WHAT ARE PUNISHMENTS IN INDUSTRIAL ACT 1948	EXPLAIN THE ENVIRONMENT ACT 1986
12	PRODUCTION MANAGEMENT		SACHIN YADAV	POLYTECHNIC	5	5			कारखाना अधिनियम 1948 में दंड की क्या व्यवस्था है	पर्यावरण अधिनियम 1986 को समझाइए
13	MACHINE DESIGN		MOH.USMAN	POLYTECHNIC	5	5			Explain the strength of welding joints.	Explain the design procedure of revit joint.
14	AUTOMOBILE ENGG		PANKAJ KUMAR	POLYTECHNIC	5	5			DEFINE THE B.S NORMS.	DEFINE THE FOUR AREA OF EXHAUST AND EMISSION.
15	AUTOMOBILE ENGG		PANKAJ KUMAR	POLYTECHNIC	5	5			B.S NORMS से आय क्या समझते हैं	निष्कासित तथा उत्सर्जन के 4 कार्य चित्र का वर्णन कीजिए.
16	IMED		TARUN KHATANA	POLYTECHNIC	5	5			explain quality of leadership	EXPLAIN THE IMPORTANCE OF ENTREPRENEURSHIP IN THE DEVELOPMENT OF RURAL AREAS.
17	IMED		TARUN KHATANA	POLYTECHNIC	5	5			नेतृत्व की गुणवत्ता की व्याख्या करें	आत्म प्रेरणा के महत्व की व्याख्या करें
18	PRODUCTION TECHNOLOGY		TARUN KHATANA	POLYTECHNIC	5	5			जिग क्या है इसके कार्य बताइए।	अपघर्षण की सामान्य विधियां कौन सी हैं?
19	PRODUCTION TECHNOLOGY		TARUN KHATANA	POLYTECHNIC	5	5			WHAT IS JIGS? DESCRIBE ITS WORKING	WHAT ARE THE BASIC TERMINOLOGY OF GRINDING
20	THEORY OF MACHINES		RAHUL MITTAL	POLYTECHNIC	5	5			Explain all types of governors.	Explain governors with neat sketch.
21	THEORY OF MACHINES		RAHUL MITTAL	POLYTECHNIC	5	5			सभी प्रकार के Governors की व्याख्या करें	गवर्नर्स को साफ-सुथरे स्केच के साथ समझाएं
22	MECHANICS OF SOLID		RAHUL MITTAL	POLYTECHNIC	3	5			COMPARE THE STRENGTH OF SOLID AND HOLLOW CIRCULAR SHAFT.	WRITE SHORT NOTE ON LONGITUDINAL AND HOOP STRESSES IN THIN CYLINDRES.
23	MECHANICS OF SOLID		RAHUL MITTAL	POLYTECHNIC	3	5			ठोस तथा खोखली बैलनाकार शॉफ्ट में सामर्थ्य की तुलना कीजिए	पतले सिलेंडरों में अनुदैर्घ्य तथा hoop प्रतिबल पर संक्षिप्त टिप्पणी लिखिए
24	WORKSHOP TECHNOLOGY		SACHIN YADAV	POLYTECHNIC	3	5			GIVE THE CLASSIFICATION OF PLASTIC	DEFINE THE MACHINING PROCESSES OF PLASTIC
25	WORKSHOP TECHNOLOGY		SACHIN YADAV	POLYTECHNIC	3	5			प्लास्टिक के वर्गीकरण दीजिए	प्लास्टिक के मशीनन परक्रम को समझाइए
26	THERMAL ENGG		PANKAJ KUMAR	POLYTECHNIC	3	5			DIFFERENT BETWEEN THE RECIPROCATING AND ROTRY COMPRESSORS.	DIFFERENT BETWEEN IMPULUS AND REACTION TURBINE.
27	THERMAL ENGG		PANKAJ KUMAR	POLYTECHNIC	3	5			पंचांग संपीडन तथा घूर्णी संपीडन में अंतर स्पष्ट कीजिए	आवेग टरबाइन तथा प्रतिक्रिया टरबाइन में अंतर स्पष्ट कीजिए
28	MATERIAL SCIENCE		TARUN KHATANA	POLYTECHNIC	3	5			थर्मोसेटिंग और थर्मोप्लास्टिक में अंतर बताइए	परीक्षण के विभिन्न प्रकारों का वर्णन कीजिए
29	MATERIAL SCIENCE		TARUN KHATANA	POLYTECHNIC	3	5			DIFFERENCE BETWEEN THERMOSETTING AND THERMOPLASTIC.	DESCRIBE THE DIFFERENT TYPES OF INSPECTION.
30	MATHEMATICS		ANSHUL PUNDIR	POLYTECHNIC	3	5			Using Cayley Hamilton Theorem find A-1. A =	Prove that vectors X1=(1,2,4) and X2=(3,6,12) are linearly dependent



