

DEV BHOOMI GROUP OF INSTITUTIONS SAHARANPUR										
DEPARTMENT OF MECHANICAL ENGG										
S.No.	SUBJECT	UB. COD	FACULTY NAME	COURSE	SEM	UNIT	DOA	DOS	QUESTION 1	QUESTION 2
1	POWER PLANT	KME076	TARUN KHATANA	B.TECH	7	2			DISCUSS COMBINED STEAM AND GAS TURBINE POWER PLANTS.	DISCUSS GAS TURBINE POWER PLANTS WITH A NEAT LAYOUT.
2	ADDITIVE MANUFACTURING	KME071	MOHUSMAN	B.TECH	7	2			Explain with diagram Vat Photo Polymerization.	Explain Bed Fusion process with neat sketch.
3	RENEWABLE ENERGY RESOURCES	KOE074	SACHIN YADAV	B.TECH	7	2			DEFINE FLATE PLATE COLLECTOR	EVACUATED TUBE COLLECTOR
4	HSMC-1	KHU-701	PARVEEN	BTECH	7	2			Discuss the importance of credit in rural development?	Define the process of agricultural marketing?
5	THERMODYNAMICS	BME301	PANKAJ KUMAR	B.TECH	3	2			Distinguish between intensive and extensive properties. Give examples	Define enthalpy. Why enthalpy of an ideal gas depends only on temperature?
6	FLUID MECHANICE	BME302	RAHUL MITTAL	B.TECH	3	2			Explain the liminar and turbulent flow	explain the stream function and velocity potential fuction.
7	CYBER SECURITY	BCC301	VIPUL MALVA	B.TECH	3	2			EXPLAIN SECURITY CHALLENGES POSED BY MOBILE DEVICES.	WHAT IS AUTHENTICATION SERVICE SECURITY?
8	UNIVERSAL HUMAN VALUE AND PROFESSIONAL ETHIC	BVE301	SACHIN YADAV	BTECH	3	2			EXPLAIN THE CO-EXISTENCE SELF AND BODY	THE NEED OF THE BODY IS DIFFER FROM THE NEED OF SELF EXPLAIN
9	ELECTRONICS ENGINEERING	BAS303	JASBEER SINGH	B.TECH	3	2			Explain the working of Bridge rectifier with neat diagram. Also find average DC voltage.	Explain the Tunnel diode with its V-I graph and advantages.
10	MATERIALS ENGINEERING	BME303	MOHUSMAN	B.TECH	3	2			Draw and explain the iron carbon diagram and show all invariant reaction and phases in it.	Discuss the use of Phase diagram.
11	PRODUCTION MANAGEMENT		SACHIN YADAV	POLYTECHNIC	5	2			WHAT IS INSPECTION AND ALSO DEFIN ITS OBJECTIVES	DEFINE THE QUALITY ASSURANCE IN DETAIL
12	PRODUCTION MANAGEMENT		SACHIN YADAV	POLYTECHNIC	5	2			निरीक्षण क्या है एवं इसके उद्देश्य भी समझाइए	गुण आश्वासन को विस्तार पूर्वक समझाइए
13	MACHINE DESIGN		MOHUSMAN	POLYTECHNIC	5	2			Explain different types of theory oh failure.	Explain with diagram different types of load.
14	AUTOMOBILE ENGG		PANKAJ KUMAR	POLYTECHNIC	5	2			DRIVE THE NECTCH SKECTCH UNIVERSAL JOINT.	DRIVE TH NECTCH SKECTCH SINGLE PLATE CLUCTCH.
15	AUTOMOBILE ENGG		PANKAJ KUMAR	POLYTECHNIC	5	2			युनिवर्सल जोड़ का चित्र सहित वर्णन करें	एकल क्लच प्लेट का सहित वर्णन करें.
16	IMED		TARUN KHATANA	POLYTECHNIC	5	2			Explain project report preparation	explain elements of project report
17	IMED		TARUN KHATANA	POLYTECHNIC	5	2			प्रोजेक्ट रिपोर्ट तैयार करने की व्याख्या करें	परियोजना रिपोर्ट के तत्वों की व्याख्या करें
18	PRODUCTION TECHNOLOGY		TARUN KHATANA	POLYTECHNIC	5	2			खराद मशीनों का वर्गीकरण कीजिए ।	भूमि कर्तन संक्रिया का कार्य सिद्धांत क्या है?
19	PRODUCTION TECHNOLOGY		TARUN KHATANA	POLYTECHNIC	5	2			HOW ARE CLASSIFIED LATHE MACHINE.	WHAT ARE THE PRINCIPAL WORKING OF MILLING CUTTER
20	THEORY OF MACHINES		RAHUL MITTAL	POLYTECHNIC	5	2			Explain Porter governors with neat sketch.	Explain all types of gear trains.
21	THEORY OF MACHINES		RAHUL MITTAL	POLYTECHNIC	5	2			पोर्टर गवर्नर्स को साफ-सुथरे स्केच के साथ समझाएं	सभी प्रकार की गियर ट्रेनों की व्याख्या कीजिए।
22	MECHANCS OF SOLID		RAHUL MITTAL	POLYTECHNIC	3	2			WHAT IS SIMPLE BENDING. DEFINE NEUTRAL SURFACE AND AXIS.	DERIVE THE RELATIONSHIP BETWEEN SHEAR FORCE AND BENDING MOMENT FOR A SIMPLE SUPPORTED BEAM.
23	MECHANICS OF SOLID		RAHUL MITTAL	POLYTECHNIC	3	2			सरल बंकन क्या है उदासीन पृष्ठ तथा उदासीन एक्स को परिभाषित कीजिए	एक सरल आधारित धरण के लिए अपरोपण बल तथा आघूर्ण में संबंध स्थापित कीजिए
24	WORKSHOPTECHNOLOGY		SACHIN YADAV	POLYTECHNIC	3	2			EXPLAIN SPOT WELDING	WHAT IS CARBON ARC WELDING
25	WORKSHOPTECHNOLOGY		SACHIN YADAV	POLYTECHNIC	3	2			बिंदू वेल्डिंग को समझाइए	कार्बन आर्क वेल्डिंग क्या है
26	THERMAL ENGG		PANKAJ KUMAR	POLYTECHNIC	3	2			DEFIN THE FOLLOWING 1.BOYLES LAW 2.CHARLS LAW	RITE SHORT NOTE SATURATION PRESSURE AND SATURATION TEMPREATUR.
27	THERMAL ENGG		PANKAJ KUMAR	POLYTECHNIC	3	2			निम्न नियमों को स्पष्ट कीजिए बॉयल चार्ल्स नियम संक्षिप्त वर्णन कीजिए	संतृप्त दाब संतृप्त तापमान पर संक्षिप्त टिप्पणी लिखिए
28	ENGG MATERIALS		TARUN KHATANA	POLYTECHNIC	3	2			स्लिप और ट्विनिंग में अंतर स्पष्ट कीजिए	लोहे की धातुओं का संक्षिप्त वर्णन कीजिए
29	ENGG MATERIALS		TARUN KHATANA	POLYTECHNIC	3	2			WHAT ARE THE DIFFERENCE BETWEEN SLIP AND TWINNING.	DESCRIBE THE DIFFERENT FERROUS METALS
30	MATHEMATICS		ANSHUL PUNDIR	POLYTECHNIC	3	1			Prove that $J J' = 1$	If $u = \log (x^3 + y^3 + z^3 - 3xyz)$,

