

DEV BHOOMI GROUP OF INSTITUTIONS SAHARANPUR										
DEPARTMENT OF CIVIL ENGG										
S.N.	SUBJECT	SUB. CODE	FACULTY NAME	COURSE	SEM	UNIT	DOA	DOS	QUESTION 1	QUESTION 2
1	ENGINEERING MECHANICS	BOE-031	SACHIN YADAV	B.TECH	3	2			Explain the Centroid and Centre of Gravity.	Explain the Moment of inertia of plane sections from first principles.
2	SURVEYING-1	BCE306	AADESH MEHRA	B.TECH	3	2			Explain the Elements of simple circular curves.	Explain the characteristics and equations of various transition curves.
3	HUMAN VALUE	BVE-301	SACHIN YADAV	B.TECH	3	2			EXPLAIN THE CO-EXISTENCE SELF AND BODY	THE NEED OF THE BODY IS DIFFER FROM THE NEED OF SELF EXPLAIN
4	COMPUTER SYSTEM SECURITY	BCC 301	VIPUL	B.TECH	3	2			WRITE SHORT NOTES ON INDIAN CYBER LOW.	DEFINE INTELLECTUAL PROPERTY ISSUES.
5	FLUID MECHANICS	BCE-303	RAHUL MITTAL	B.TECH	3	2			Explain the laminar and turbulent flow.	Explain the stream function and velocity potential function.
6	ELCTRONICS ENGINEERING	BAS-034	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.
7	QUANTITY ESTIMATION & CONSTRUCTION MANAGEMENT	KCE 503	AADESH MEHRA	B.TECH	5	2			Explain the different type of contracts.	Explain the rate analysis and factor affecting of rate analysis
8	STRUCTURAL ANALYSIS	KCE 502	AADESH MEHRA	B.TECH	5	2			Differentiate between force and displacement method.	Define collapse load. Determine the relation between shape
9	HYDROLOGY ENGINEERING	KCE055	PRATAP SINGH	B.TECH	5	2			Write various applications of hydrology.	What is unit hydrograph? Write the assumption involved.
10	GEOTECHNICAL ENGINEERING	KCE-501	TARUN KHATANA	B.TECH	5	2			Explain the void ratio, water ratio	Explain the darcy law
11	CONCRETE TECNOLOGY	KCE 051	SACHIN YADAV	BTECH	5	2			Write down limitations of working stress method	What is critical neutral axis?
12	Constitution of India	KNC-501	AMRISH TYAGI	BTECH	5	2			Parliament of India has been empowered to amend the Constitution under which article?	Name the Act which was passed as a measure of gratitude for India's role in World war- 1.
13	RAILWAY ENGINEERING	RCE076	AADESH MEHRA	B.TECH	7	2			Explain the Turnouts and Crossings!	Explain the Different types of stations and Yards!
14	IRRIGATION ENGG	KCE-078	PANKAJ KUMAR	B.TECH	7	2			Describe Probable Maximum Precipitation (PMP).	What is the assumption made in unit hydrograph?
15	RENEWABLE ENERGY RESOURCES	KOE-074	SACHIN YADAV	B.TECH	7	2			DEFINE FLATE PLATE COLLECTOR	EVACUATED TUBE COLLECTOR

6	HSMC-1	KHU701	PARVEEN	B.TECH	7	2			Discuss the importance of credit in rural development?	Define the process of agricultural marketing?
17	HYDRAULICS ENGINEERING		PANKAJ KUMAR	POLYTECHNIC	3	2			DEFINE PASCALS LAW AND EXPLAIN IN BRIEF WITH RELEVANT EXAMPLE पास्कल	DEFERENCIATE BETWEEN STEADY AND UNIFORM FLOW. स्थिर और एकसमान प्रवाह के बीच अंतर
18	ENVIRONMENT STUDIES		TARUN KHATANA	POLYTECHNIC	3	2			WHAT IS WATER POLLUTION? WHAT ARE THE SOURCES OF WATER	HOW TO CONTROL WATER POLLUTION
19	CONCRETE TECHNOLOGY		PARTAP SINGH	POLYTECHNIC	3	2			Define modular ratio. मॉड्यूलर अनुपात को परिभाषित करें।	Define effective depth in beam section. बीम अनुभाग में प्रभावी गहराई को परिभाषित करें।
20	BUILDING CONSTRUCTION		MOH. USMAN	POLYTECHNIC	3	2			WHAT ARE TYPES OF MORTARS AND HOW IT IS SELECTED.मोर्टार के प्रकार क्या हैं और इसका चयन कैसे किया जाता है।	WHAT IS SCAFFOLDIND. EXPLAIN WITH DIAGRAM. स्कैफोल्डिंग क्या है? चित्र सहित समझाइये।
21	STRUCTURAL MECHANICS		RAHUL MITTAL	POLYTECHNIC	2	2			WHAT IS SIMPLE BENDING. DEFINE NEUTRAL SURFACE AND AXIS. सरल मोड़ क्या है? तटस्थ सतह और अक्ष को परिभाषित करें	DERIVE THE RELATIONSHIP BETWEEN SHEAR FORCE AND BENDING MOMENT FOR A SIMPLE SUPPORTED BEAM. एक सरल समर्थित बीम के लिए अपरूपण बल और झुकने वाले क्षण के बीच संबंध प्राप्त करें।
22	BUILDING DRAWING		AADESH MEHRA	POLYTECHNIC	2	2			Details of spread footing foundation for a load bearing wall. भार वहन करने वाली दीवार के लिए फैली हुई नींव का विवरण!	Draw the graphical symbols for item masonry,brick masonry or glass, centre line ,hidden line! पत्थर की चिनाई, ईंट की चिनाई या कांच, केंद्र रेखा, छिपी हुई रेखा के लिए चित्रमय प्रतीक बनाएं!
23	EARTH QUAKE ENGINEERING		PANKAJ KUMAR	POLYTECHNIC	5	2			Mention common modes of failure of reinforced concrete buildings. प्रबलित कंक्रीट भवनों की विफलता के सामान्य तरीकों का उल्लेख करें।	What is the liquefaction of soil? Discuss briefly. मिट्टी का द्रवीकरण क्या है? संक्षेप में चर्चा करें.

24	SURVEYING-II		AADESH MEHRA	POLYTECHNIC	5	2			Explain the working of transit theodolite. ट्रांजिट थियोडोलाइट की कार्यप्रणाली समझाइए	Explain the used of theodolite. थियोडोलाइट के उपयोग को समझाइये।
25	RAILWAY BRIDGES & TUNNELS		TARUN KHATANA	POLYTECHNIC	5	2			What are different types of Rail Gauge? Mention with diagrams. रेल गेज के विभिन्न प्रकार क्या हैं? रेखाचित्र सहित उल्लेख करें।	Differentiate between Rail welding and Rail fastening. रेल वेल्डिंग और रेल फास्टनिंग के बीच अंतर बताएं।
26	SOIL MECHANICS AND FOUNDATION ENGINEERING		PARTAP SINGH	POLYTECHNIC	5	2			WHAT IS PHASE DIAGRAM .चरण आरेख क्या है?	b) What is the liquefaction of soil? Discuss briefly. मिट्टी का द्रवीकरण क्या है? संक्षेप में चर्चा करें.
27	WATER & WASTE WATER ENGINEERING		PARTAP SINGH	POLYTECHNIC	5	2			Write the Per Capita Per Day consumption of water for domestic industrial and public use. घरेलू औद्योगिक और सार्वजनिक उपयोग के लिए प्रति व्यक्ति प्रति दिन पानी की खपत लिखें।	Differentiate between Break Point Chlorine and Residual chlorine ब्रेक प्वाइंट क्लोरीन और अवशिष्ट क्लोरीन के बीच अंतर करें