

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	4			Explain the work kinetic energy.	Explain the potential energy. Impulse-momentum
2	SURVEYING-1	BCE306	AADESH MEHRA	B.TECH	3	4			Explain the geometry of aerial photograph.	Explain the photogrammetric mapping.
3	HUMAN VALUE	BVE-301	SACHIN YADAV	B.TECH	3	4			EXPLAIN THE RECYCLABILITY AND SELF REGULATION IN NATURE	ANALYZE THE IMPORTANCE OF HOLISTIC TECHNOLOGY IN CURRENT SCENARIO WITH DIFFERENT EXAMPLE.
4	COMPUTER SYSTEM SECURITY	BCC 301	VIPUL	B.TECH	3	4			DESCRIBE THE FORENSIC AURLYSIS OF E-MAIL.	DEFINE INTELECULTURE PROPERTY ISSUE.
5	FLUID MECHANICS	BCE-303	RAHUL MITTAL	B.TECH	3	4			Explain Equation of motion for laminar flow through pipes.	Explain the momentum and energy thickness and its Application of momentum equation.
6	ELCTRONICS ENGINEERING	BAS-034	JASBEER SINGH	B.TECH	3	4			Explain Ideal Op-amp properties	Explain Summer and Integrator Op-amp circuit.
7	QUANTITY ESTIMATION & CONSTRUCTION MANAGEMENT	KCE 503	AADESH MEHRA	B.TECH	5	4			EXPLAIN THE PROCEDURE OF OPENING THE TENDERS.	EXPLAIN THE HAULING EQUIPMENT AND HOISTING EQUIPMENT.
8	STRUCTURAL ANALYSIS	KCE 502	AADESH MEHRA	B.TECH	5	4			central dip 2m is carrying a UDL of 20 kN/m.	Explain the methods that are used for plastic analysis of beams and frames.
9	HYDROLOGY ENGINEERING	KCE055	PRATAP SINGH	B.TECH	5	4			Explain different types of precipitation with diagrams.	Draw a diagram showing distribution of soil moisture in infiltration process. Also explain different zones.
10	GEOTECHNICAL ENGINEERING	KCE-501	TARUN KHATANA	B.TECH	5	4			Explain the stress distribuion in soil	Explain the concept of pressure pulb,pore pressure,contact pressure
11	CONCRETE TECNOLOGY	KCE 051	SACHIN YADAV	BTECH	5	4			Difference between High performance concrete and high-density concrete.	What is admixture? Why is it used with concrete? Also give its type.
12	Constitution of India	KNC-501	AMRISH	BTECH	5	4			Make a note on constitutional powers and status of the President of India.	How much total time was taken for the constitution to complete?
13	RAILWAY ENGINEERING	RCE076	AADESH MEHRA	B.TECH	7	4			With neat sketches explain Coach Screw of rail screw and Elastic spikes.	Using a sleeper density of N+5, find out the number of sleepers required for constructing a railway track (BG) 1000 m long.

14	IRRIGATION ENGG	KCE-078	PANKAJ KUMAR	B.TECH	7	4		Define infiltration and describe the factor that affect the process of	Describe the various method of irrigation system. Define sprinkler irrigation system
15	RENEWABLE ENERGY RESOURCES	KOE-074	SACHIN YADAV	B.TECH	7	4		EXPLAIN THE WORKIND PRINCIPLE OF FULE CELLS	WHAT IS THERMO ELECTRICAL AND THERMO IONIC CONVERSIONS.
16	HSMC-1	KHU701	PARVEEN	B.TECH	7	4		Define sustainable development?	Do you think various measures taken by the government to improve agricultural marketing are sufficient? Discuss.
17	HYDRAULICS ENGINEERING		PANKAJ KUMAR	POLYTECH NIC	3	4		DEFFERNTIATE WITH EXAMPLE AND SKETCH BETWEEN NOTCHES AND WEARS. नाँच और वियर के बीच उदाहरण और रेखाचित्र से अंतर स्पष्ट करें।	WHATS IS REYNOLDS NUMBER. WRITE IT IS SIGNIFICANCE. रेनॉल्ड्स नंबर क्या है? समझाओ इसका महत्व है.
18	ENVIRONMENT STUDIES		TARUN KHATANA	POLYTECH NIC	3	4		WHAT IS SOIL POLLUTION? WHAT ARE THE EFFECTS OF SOIL POLLUTION	HOW TO CONTROL SOIL POLLUTION.
						4		मृदा प्रदूषण क्या है? मृदा प्रदूषण का प्रभाव क्या है?	मृदा प्रदूषण को कैसे नियंत्रित करें।
19	CONCRETE TECHNOLOGY		PARTAP SINGH	POLYTECH NIC	3	4		Explain the properties of concrete. कंक्रीट के गुणधर्म बताइये।	What is meant by segregations and bleeding of concrete? कंक्रीट के पृथक्करण और रक्तसाव से क्या तात्पर्य है?
20	BUILDING CONSTRUCTION		MOH. USMAN	POLYTECH NIC	3	4		WRITE SPECIFICATIONS FOR MARBLE FLOORING. संगमरमर के फर्श के लिए विशिष्टताएँ लिखें।	WRITE A NOTE ON ROOF TREATMENT. छत के उपचार पर एक नोट लिखें।
21	STRUCTURAL MECHANICS		RAHUL MITTAL	POLYTECH NIC	2	4		DEFINE THE FOLLOWING TERMS.1.SLOP & DEFLECTION 2. COLUMN &	WHAT IS RELESTION TO TORQUE EQUATION. टॉर्क समीकरण से क्या संबंध है?
22	BUILDING DRAWING		AADESH MEHRA	POLYTECH NIC	2	4		Draw the spread stepped footing for wall thickness of 20cm	Draw plan semi circular arch.
23	EARTH QUAKE ENGINEERING		PANKAJ KUMAR	POLYTECH NIC	5	4		What do you understand by: the concept of predicting the earthquake.	What is casualty management? दुर्घटना प्रबंधन क्या है?
24	SURVEYING-II		AADESH MEHRA	POLYTECH NIC	5	4		Mention the sources of errors in theodolite surveying. थियोडोलाइट सर्वेक्षण में त्रुटियों के स्रोतों का उल्लेख करें	Calculate the radial offsets to be set out at 10 m interval along the tangents to locate a 320 m radius curve."10 मीटर के अंतराल पर निर्धारित किए जाने वाले रेडियल ऑफसेट की गणना करें 320 मीटर त्रिज्या वक्र का पता लगाने के लिए स्पर्शरेखाएँ!
25	RAILWAY BRIDGES & TUNNELS		SANJAY SINGH	POLYTECH NIC	5	4		Differentiate between Rail welding and Rail fastening.	Differentiate between RCC and steel sleepers. आरसीसी और स्टील स्लीपर के बीच
						4			

26	SOIL MECHANICS AND FOUNDATION ENGINEERING		PARTAP SINGH	POLYTECHNIC	5	4			Explain the Bearing capacity of soil. मिट्टी की वहन क्षमता को समझाइये।	Explain the Terzaghi's equation for ultimate bearing capacity of soil for square footing. वर्गाकार फ़ोटींग के लिए मिट्टी की अंतिम वहन
27	WATER & WASTE WATER ENGINEERING		PARTAP SINGH	POLYTECHNIC	5	4			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।	Mention Briefly water treatment process .जल उपचार प्रक्रिया का संक्षेप में उल्लेख करें।