

महाराणा प्रताप पी.जी. कालेज, जंगल धूसड़, गोरखपुर

कक्षा : बी.एस-सी. भाग-एक					विषय : इलेक्ट्रानिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
01.08.15	1	P.V.S.	I	Passive ckt elements	Ideal register, capacitor
03.01.15	1	P.V.S.	II	Filter	Input transfer impedance
04.01.15	2	P.V.S.	II	Filter	Symmetrical T & Π network
05.01.15	1	P.V.S.	III	Electron emission & Tubes	Potential energy of electron & work function
06.01.15	2	P.V.S.	III	Electron emission & Tubes	Thermionic emission & space charge
07.01.15				Class Teaching	
08.01.15	2	P.V.S.	I	Passive ckt element	Inductors
10.01.15	3	P.V.S.	II	Filter	Impedance & propagation constant
11.01.15	3	P.V.S.	I	Passive ckt element	Their characteristics
12.01.15	3	P.V.S.	III	Electron emission & tubes	Physics of vacuum tubes
13.01.15	4	P.V.S.	III	Electron emission & tubes	Glow tubes, ignition
14.01.15				Class Teaching	
17.01.15	4	P.V.S.	I	Passive ckt element	Dielectric, eddy current, hysteresis losses
18.01.15	5	P.V.S.	I	Passive ckt element	Skin effect
20.01.15	4	P.V.S.	II	Filter	Theory of filter pass & attenuation band
21.01.15	5	P.V.S.	III	Semiconductor physics	Energy bands, semiconductor
22.01.15	6	P.V.S.	III	Semiconductor physics	Metal, insulator, intrinsic, extrinsic
23.01.15				Class Teaching/Test	
24.01.15	6	P.V.S.	I	Passive ckt element	Practical ckt elements their equivalent ckt
25.01.15	5	P.V.S.	II	Filter	Constant K, m-desired, L section filter
26.01.15	6	P.V.S.	II	Filter	Design of LPF & HPF
27.01.15	7	P.V.S.	III	Semiconductor physics	Extrinsic, drift current
31.01.15	8	P.V.S.	III	Semiconductor physics	Diffusion current recombination
01.09.15				Class Teaching	
03.09.15	7	P.V.S.	I	Passive ckt element	Behaviour at low and high frequencies
04.09.15	7	P.V.S.	II	Filter	Design of LPF & HPF
07.09.15	8	P.V.S.	II	Attenuators	It's purpose
08.09.15	9	P.V.S.	III	Semiconductor physics	Generation
09.09.15	10	P.V.S.	III	Semiconductor physics	Continuity equation
10.09.15				Class Teaching	

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11.09.15	8	P.V.S.	I	Passive ckt element	Measurement of resistance
12.09.15	9	P.V.S.	II	Attenuators	Types of Attenuators
14.09.15	10	P.V.S.	II	Attenuators	Types of Attenuators
15.09.15	11	P.V.S.	III	Semiconductor physics	Metal junction
16.09.15	12	P.V.S.	III	Junction	Contact potential
18.09.15				Class Teaching	
19.09.15	9	P.V.S.	I	Transient analysis	LCR ckt to connected DC source
21.09.15	11	P.V.S.	II	Attenuators	Types of Attenuators
22.09.15	12	P.V.S.	II	Coupled ckt	Magnitically coupled
23.09.15	13	P.V.S.	III	Junction	Metal semiconductor junction
24.09.15	14	P.V.S.	III	Junction	p-n junction
26.09.15				Class Teaching/Test	
28.09.15	10	P.V.S.	I	T.A.	Vector impedance, admittance
29.09.15	13	P.V.S.	II	Coupled ckt	Magnitically coupled
01.10.15	14	P.V.S.	II	Coupled ckt	Leakage flux, leakage, indutance
03.10.15	15	P.V.S.	III	Junction	Width of depletion region
05.10.15	16	P.V.S.	III	Junction	Capacitance of depletion region
06.10.15				Class Teaching	
07.10.15	11	P.V.S.	I	T.A.	Phase angle, power factor
08.10.15	15	P.V.S.	II	Coupled ckt	T-network of magnetically coupled
09.10.15	16	P.V.S.	II	Coupled ckt	T-network of magnetically coupled
10.10.15	17	P.V.S.	III	Junction	Current flow in biased p-n junction
14.10.15	18	P.V.S.	III	Junction	Zener & avalanche
15.10.15				Class Teaching	
16.10.15	12	P.V.S.	I	T.A.	Series LCR ckt
17.10.15	17	P.V.S.	II	Transformer	Classification
19.10.15	18	P.V.S.	II	Transformer	Classification
28.10.15	19	P.V.S.	III	Junction	Zener diode
29.10.15	20	P.V.S.	III	Junction	Varactor diode
30.10.15				Class Teaching/Test	

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31.10.15	13	P.V.S.	I	T.A.	Series LCR ckt
02.11.15	19	P.V.S.	II	Transformer	Classification
03.11.15	20	P.V.S.	II	Transformer	Classification
04.11.15	21	P.V.S.	III	Junction	Photo diode
05.11.15	22	P.V.S.	III	Junction	LED
06.11.15				Class Teaching	
07.11.15	14	P.V.S.	I	T.A.	Parallel LCR ckt
14.11.15	21	P.V.S.	II	Transformer	Phase and frequency response
16.11.15	22	P.V.S.	II	Transformer	Over coupling
18.11.15	23	P.V.S.	III	Junction	Solar cell
19.11.15	24	P.V.S.	III	Transistor	BJT
20.11.15				Class Teaching	
21.11.15	15	P.V.S.	I	T.A.	Parallel LCR ckt
23.11.15	23	P.V.S.	II	Instruments	AC ammeter, voltmeter
24.11.15	24	P.V.S.	II	Instruments	VTVM
25.11.15	25	P.V.S.	III	Transistor	n-p-n
26.11.15	26	P.V.S.	III	Transistor	p-n-p
27.11.15				Class Teaching/Test	
28.11.15	16	P.V.S.	I	T.A.	Electrical impedance & admittance
30.11.15	25	P.V.S.	II	Instruments	Multimeter
01.12.15	27	P.V.S.	III	Transistor	Operation
03.12.15	28	P.V.S.	III	Transistor	Current flow in transistor
07.12.15	26	P.V.S.	II	Instruments	CRO
08.12.15				Class Teaching	
09.12.15	17	P.V.S.	I	T.A.	Half power points & Q
11.12.15	27	P.V.S.	II	Instruments	CRO
12.12.15	28	P.V.S.	II	Instruments	CRO
14.12.15	29	P.V.S.	III	Transistor	Characteristics
15.12.15	30	P.V.S.	III	Transistor	Characteristics
16.12.15				Class Teaching	

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17.12.15	18	P.V.S.	I	Network	Ckt elements
18.12.15	19	P.V.S.	I	Network	Kirchoff's law
19.12.15	20	P.V.S.	I	Network	Mesh equation
21.12.15	31	P.V.S.	III	Transistor	Characteristics
22.12.15	32	P.V.S.	III	Transistor	Parameters
28.12.15				Class Teaching/Test	
29.12.15	21	P.V.S.	I	Network	T-network
30.12.15	22	P.V.S.	I	Network	Π -network
31.12.15	23	P.V.S.	I	Network	Equivalence
01.01.16	33	P.V.S.	III	Transistor	FET
02.01.16	34	P.V.S.	III	Transistor	FET
04.01.16				Class Teaching	
06.01.16	24	P.V.S.	I	Network	Equivalence
07.01.16	25	P.V.S.	I	Network	Equivalence
08.01.16	26	P.V.S.	I	Network	Bridge T-network
09.01.16	35	P.V.S.	III	Transistor	Mosfet
11.01.16	36	P.V.S.	III	Transistor	Mosfet
12.01.16				Class Teaching	
13.01.16	27	P.V.S.	I	Network	Symmetrical network
16.01.16	28	P.V.S.	I	Network theorem	Theorem for passive network into T-network
18.01.16	29	P.V.S.	I	Network theorem	Theorem for passive network into Π -network
19.01.16	37	P.V.S.	III	Transistor	SCR
20.01.16	38	P.V.S.	III	Transistor	SCR
21.01.16				Class Teaching	
22.01.16	30	P.V.S.	I	Network theorem	Super position
23.01.16	31	P.V.S.	I	Network theorem	Reciprocity
25.01.16	32	P.V.S.	I	Network theorem	Norton, maximum power
27.01.16	39	P.V.S.	III	Transistor	Photo transistor
28.01.16	40	P.V.S.	III	Transistor	UJT
29.01.16				Class Teaching/Test	