

I PU ELECTRONICS QUESTION PAPER-1 BLUE PRINT FOR THE NEW SYLLABUS.

Total number of hours : **120Hrs**, Total mark : **105mark**, Number of mark per hour : **0.875mph**

No.	Chapter	No. of hrs	Knowledge 30%				Understanding 40%				Application 30%				Total
			1 VS	2 S	3 SE	5 E	1 VS	2 S	3 SE	5 E	1 VS	2 S	3 SE	5 P	
1.	Introduction to Electronics.	04			✓										03
2.	Principles of electricity, Network theorems & AC principles.	21	✓		✓		✓			✓			✓	✓	18
3.	Measuring instruments.	04		✓				✓							04
4.	Passive electronic components.	22	✓			✓			✓	✓				✓	19
5.	Application of DC and AC to passive components.	14	✓	✓						✓				✓	13
6.	Semiconductors, Diodes and Applications of diodes.	26	✓		✓	✓	✓	✓	✓	✓				✓	23
7.	Bipolar junction transistor.	07	✓	✓			✓						✓		06
8.	Introduction to digital electronics.	18	✓				✓	✓		✓		✓		✓	16
9.	Practical electronic components, their specifications and PCB	04							✓						03
TOTAL :		120	31				42				32				105

Question paper pattern :

- Part A : very short(VS) answer type. Each carries ONE mark. 1 x 10 = 10
- Part B : short (S) answer type. Each carries TWO mark. 2 x 5 = 10
- Part C : short essay (SE) answer type. Each carries THREE mark. 3 x 5 = 15
- Part D : a) problems(P). Each carries FIVE mark. 5 x 3 = 15
- b) essay (E) type. Each carries FIVE mark. 5 x 4 = 20

TOTAL : 70 mark