

Chapter/ Content domain/ Unit/ Theme	No. of Hours	Marks	Remember					Understand					Apply				HOTS			
			MCQ 1M	SA 1M	SA 2M	LA 3M	LA 5M	MCQ 1M	SA 1M	SA 2M	LA 3M	LA 5M	MCQ 1M	SA 2M	LA 3M	LA 5M	MCQ 1M	SA 2M	SA 3M	LA 5M
Field Effect Transistor (FET)	4	05							1			1		1						
Transistor Biasing	3	04	1	1	1															
Transistor Amplifiers	14	14	1		1				1			1								1N
Feedback in Amplifiers	6	06				1								1			1			
Operational Amplifiers	13	12					1						1				1			1N
Oscillators	09	09						1			1			1	1					
Wireless Communication	4	04	1			1														
Modulation and Demodulation	17	15	1			1			1			1				1N				
Power Electronics and its applications	08	06	1							1						1				
Digital Electronics	16	18	1				1		1	1						1		1		1N
Microcontroller	10	08	1		1							1								
C Programming	10	08	1		1							1								
Modern Communication Systems	6	06	1		1						1									
<b>Total</b>	<b>120</b>	<b>115</b>	<b>09</b>	<b>01</b>	<b>10</b>	<b>09</b>	<b>10</b>	<b>01</b>	<b>04</b>	<b>04</b>	<b>09</b>	<b>20</b>	<b>02</b>	<b>04</b>	<b>09</b>	<b>05</b>	<b>03</b>	<b>00</b>	<b>00</b>	<b>15</b>

N -----NUMERICAL PROBLEMS SA 1M: Fill in the blanks

Question type	Number of questions	Marks
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<b>PART -A MCQ</b>	<b>15</b>	<b>15</b>
<b>FILL IN THE BLANKS</b>	<b>05</b>	<b>05</b>
<b>PART-B 2M</b>	<b>09</b>	<b>18</b>
<b>PART-C 3M</b>	<b>09</b>	<b>27</b>
<b>PART-D 5M(PROBLEMS)+ 5M(ESSAYTYPE)</b>	<b>10</b>	<b>50</b>
<b>Total</b>	<b>48</b>	<b>115</b>