

**Govt of Karnataka**  
**Dept of Pre University Education**  
**II PUC ELECTRONICS (40)**

**Blueprint\* for Model Question Paper – 2022-23 onwards**

Sl. no	Name of the chapter	Knowledge and Understanding				Applications and skill				Total Marks
		Marks→ 1	2	3	5	1	2	3	5	
1	Field Effect Transistor (FET)	√√		√						<b>05</b>
2	Transistor Biasing	√√	√							<b>04</b>
3	Transistor Amplifiers	√√	√		√				√	<b>14</b>
4	Feedback in Amplifiers	√		√			√			<b>06</b>
5	Operational Amplifiers	√			√	√			√	<b>12</b>
6	Oscillators	√		√			√	√		<b>09</b>
7	Wireless Communication	√		√						<b>04</b>
8	Modulation and Demodulation	√√		√	√				√	<b>15</b>
9	Power Electronics and its applications	√	√					√		<b>06</b>
10	Digital Electronics	√√	√		√	√		√	√	<b>18</b>
11	Microcontroller	√	√		√					<b>08</b>
12	C Programming	√	√		√					<b>08</b>
13	Modern Communication Systems	√	√	√						<b>06</b>
<b>Total</b>		<b>80</b>				<b>35</b>				<b>115</b>

\* Only this blueprint has to be followed.

Parts	Marks per Question	Total Questions given including choices	Questions to be answered
Part A – I (MCQ)	1	15Q×1M = 15	15Q×1M = 15
Part A – II (Fill in the Blanks)	1	5Q×1M = 05	5Q×1M = 05
Part B - III	2	9Q×2M = 18	5Q×2M = 10
Part C - IV	3	9Q×3M = 27	5Q×3M = 15
Part D - V	5	10Q×5M = 50	5Q×5M = 25
		115	70