

ANSWER KEY

March

Second YEAR HIGHER SECONDARY EXAMINATION 2022

PART-III/III

SUBJECT: ELECTRONICS

CODE NO: 5X/531

87-81

VERSION: 5

60 SCORES

2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1.		6V	1	1
2		Voltage follower	1	1
3		multiplexer	1	1
4.		Base band signal	1	1
5.		sky wave	1	1
6		Quantization	1	1
7.		Any two applications	1	1
8		4:3	1	1
9		monitor	1	1
10		any one 79xx series IC	1	1
11.		0-1	1	1
12		optical fiber.	1	1
13		<del>HTTP</del> Hyper Text Transfer Protocol	1	1
14.		I/p waveforms	1	
		o/p "	1	2

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
15		Symbol	1	2
		Truth table	1	
16		Definitions	2	2
17		Explanation	2	2
18		Explanation of any advantage	2	2
19		Any two input devices	2	2
20		Explanation	2	2
21		Block diagrams	3	3
22		Explanation	3	3
23		Block diagrams	3	3
24	(i)	Explanation of Macro cells	1	3
	(ii)	Micro cells	1	
	(iii)	Pico cells	1	
25		Diagram	2	3
		Explanation	1	
26	(i)	Diagram of Point to Point	1	3
	(ii)	Bus topology	1	
	(iii)	Star topology	1	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
27.		Explanation	3	3
28		Match the following		
	(i)	+ve clipper $\rightarrow$ c	1	
	(ii)	-ve clipper $\rightarrow$ a	1	
	(iii)	+ve clamper $\rightarrow$ d	1	4
	(iv)	-ve clamper $\rightarrow$ b	1	
29.		circuit diagram of		
	(i)	+ve clipper	1	
	(ii)	-ve clipper	1	
	(iii)	Biased clipper	1	4
	(iv)	combination clipper	1	
30	(i)	logic symbol	1	
		truth table	1	4
	ii	any two applications	2	
31		Block diagram	3	
		Explanation	1	4
32	(i)	load regulation	2	
	(ii)	line Regulation	2	4

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
33	(i)	Primary Memory	2	4
	(ii)	Secondary Memory	2	
34		Block diagrams	4	6
		Explanation	2	
35	(i)	Block diagrams	3	6
	(ii)	any three advantages	3	
36		Block diagrams of	6	6
		monochrome TV receiver		