

ANSWER KEY

FIRST YEAR HIGHER SECONDARY EXAMINATION IMPROVEMENT 2020 PART III SUBJECT:: COMPUTER SCIENCE

CODE NO:: FY30
SCORES ::60

VERSION::
2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1		(b) Utility Software	1	1
2		.cpp or cpp	1	1
3		Recursion	1	1
4		\0 or /0 or Null or Null Character	1	1
5		Documentation	1	1
6		(11110001) ₂	1	1
7		Correct Diagram / Explanation Input/CPU/Memory/Output (half score each)	2 4 X 1/2	2
8	a	(5A) ₁₆	1	2
	b	(1110100) ₂	1	
9	a	E-Waste correct definition	1	2
	b	Reuse / Incineration / Recycling / Land Filling (any two methods 1 mark each)	2	
10		Correct explanation or Translation Process Diagram or (HLL into Machine Language)	2	2
11		Explanation / any two examples	2	2
12		Arithmetic % , Relational == , logical ! and increment operator. ++,	½ X 4	2
13	a	9	1	2
	b	9.5	1	
14		break – exit from loop / switch, exit(0) exit from program	1+1	2
15		Explanation (Any two differences) / Diagram / algorithm	2	2
16		One difference for each variables.	1+1	2
17		Intrusion to privacy, Addiction, Spread rumours (Any two)	1+1	2
18		Computer virus, Worm, Trojan horse, Spams (Any two)	1+1	2
19		Any one feature for each generations	1+1+1	3
20	a	A.A'=0,	1	3
	b	Correct truth table	2	

21		a@b , int , 4f a@b @Symbol is not valid, 4f start with a digit , int is a keyword,	1 ½ 1 ½	3
22		Correct flow chart / program partially correct flow chart / program / flow chart symbols (Maximum 2 Score)	3	3
23		Int, char, float, double, void (Any three names)	3	3
24		Algorithm / Diagram / Explanation	3	3
25		Correct explanation / syntax / example program	3	3
26		Correct explanation (full score) Call by value, Call by reference (Name only 2 score)	3	3
27		Strcpy - copy string, pow() - power of a number, islower() - to check whether in lower case. OR Correct syntax / example program (full score)	3	3
28		Twisted Pair, coaxial cable, Optical fibre / Radio Waves, Micor Waves, Infrared Waves, (Name only ½ score each, Correct Explanation about any three full score)	3	3
29		LAN / Wi-Fi / Li- Fi (Any two with explanation full score, name only ½ score each)	3	3
30		Correct circuit diagram / Any Circuit diagram with three gates give full score	3	3
31	a	Diagram / Explanation	1	5
	b	Explanation	1	
	c	Explanation	1	
	d	Hypertext Transfer Protocol	1	
	e	Explanation	1	
32	a	Correct Program	2	5
	b	Explanation / Example / Syntax	3	
33	a	Full Form/ correct Explanation	1	5
	b	Correct Explanation	1	
	c	Explanation	1	
	d	One Example / Explanation	1	
	e	One Example / Explanation	1	

1.	BISWAS K C	SREENARAYANA HSS OKKAL	9847045098
2.	BINU K SAMUEL	POPE PIUSXI HSS KATTANAM	9447002490
3.	BINOJ CHACKO	J J M M HSS YENDAYAR	9946645695
4.	SAI PRAKASH.S	St. MARY'S HSS VETTUCAUD	9249496663
5.	UMMER FAROOK K P	MES HSS VANDANMEDU	9496839886
6.	BOBBY PUDUKADEN	St THOMAS HSS THOPE	9846079118
7.	NAVEEN BHASKER	SN TRUSTS HSS SHORANUR	9946027884
8.	SHAJU Y	SMHSS PATHARAM KOLLAM	9447558369
9.	RAJEEV R	NSS HSS ADOOR	9447390433
10.	ABDUL VAJID KK	CJHSS CHEMNAD	9995038889

Sl No	Name	PEN NO	School	C V CAMP	
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2	BINOJ CHACKO	399663	(05046) J J M M HSS YENDAYAR , KOTTAYAM	MOUTT CARMEL HSS KOTTAYAM (5061)	
3	BINU K SAMUEL	156494	POPE PIUS XI HSS KATTANAM, ALAPPUZHA	T D HSS ALAPPUZHA	
4	SAI PRAKASH.S	155073	St MARY'S HSS VETTUCAUD TVM	SMV SCHOOL TVM	
5	UMMER FAROOK K P	209876	MES HSS VANDANMEDU (6063)	GHSS KUTTIPPURAM (11034)	
6	BOBBY PUDUKADEN	412375	St THOMAS HSS THOPE THRISSUR	GMGHSS THRISSUR	
7	NAVEEN BHASKER	196009	SN TRUST HSS SHORANUR	GHSS AYYANTHOLE, THRISSUR	
8	SHAJU Y	155329	SMHSS PATHARAM KOLLAM	ST ANTONYS HSS KANJIRAKODE KOLLAM	
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