

ANSWER KEYFirst YEAR HIGHER SECONDARY EXAMINATION ~~SEPTEMBER~~ 2021

PART-I/II/III

SUBJECT: Computer Science (HI)CODE NO: FY.266VERSION: D.60 SCORES3 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
I	a.	Base	1	1
	b.	F	1	1
	c.	8	1	1
	d.	sum	1	1
	e.	'+'	1	1
	f.	switch	1	1
	g.	for	1	1
	h.	15	1	1
	i.	star	1	1
	j.	gateway	1	1
2.	a)	Electronic Numerical Integrator and Calculator	1	2
	b)	Very Large Scale Integrated Circuit	1	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
3.		1001	2	2
4.		correct truth table partially correct.	2	2
5.		Any two functions (1+1)	2	2
6.		correct definition any relevant point	2 1	2
7.		int, 4f (1+1)	2	2
8.		(integer, floating point, character, string) Any two (1+1)	2	2
9.		int, char, void, float, double (any four) $\frac{1}{2} \times 4$	$\frac{1}{2} \times 4$	2.
10.		AND (&&) OR () NOT (!) (any two $\rightarrow 1+1$)	1+1	2
11.		definition example	1. 1	2

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12.		return, goto, break, continue (y2 each) (y2 x 4)	y2 x 4	2
13.		Definition Syntax/example	2 1	2
14.		getc, getline	1+1	2
15.		char name[10]; correct datatype/partially correct	2 1	2
16.		Any two merits (1+1)	2	2
17.		any two character functions each carries 1 mark	1+1	2
18.		Google Chrome, Internet explorer etc any two	1+1	2
19.		Transistor, Integrated circuit, Microprocessor. Each carries 1 mark	1+1+1	3
20.		AND, OR, NOT any one symbol	2 1	3
21.		Correct diagram Each gate one mark	3 1	3

Qn No	Sub Qns	Answer key	Score	Total
22.		Any two comparison each (1/2 + 1/2)	3	3
23.		Any three-name only (1+1+1)	3	3
24.		As Name any three phases (1+1+1)	3	3
25.		Definition — 1 mark any two tokens name — 1 mark each Any three tokens — 1 mark each	1 2 3	3
26.		Syntax — 3 correct example — 3	3 3	3
27.		Correct loop — 3 partially correct — 2 loop structure — 2	3 2 2	3
28.		Correct Syntax/example	3	3
29.		Correct definition/example	3	
30.		Any One relevant point each (1/2 + 1/2)	3	3
31.		Any three advantage (1+1+1) Any related point — 2	3 2	3

Qn No	Sub an	Answer key	Score	Total
32.		Correct definition — 1½ mark each Any point related to it — 1	1½+1½ 1	3
33.		NIC, hub, switch, repeater etc. any three (1+1+1)	3	3
34.		Structure / Example — 3	3	3
35.		Computes virus, worm, Trojan horse etc any three name only	1+1+1	3
36.	i)	a) correct conversion — 2 mark b) correct conversion — 2 mark partially correct / step — 1 mark each	2 2 1	5
	ii	2		
37.	i	Correct definition / any correct point — 2	2	5
	ii)	Any correct point / definition each 1½+1½=3	3	
38.		Correct algorithm — 2½ Correct flow chart — 2½ Partially correct algorithm / flowchart — 3 flowchart symbols ½ mark each	5	5

$\frac{b}{b}$ [illegible]