FIRST YEAR

Kerala Board Answer Key 2023



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ANSWER KEY

CODE NO	FY452

FIRST YEAR HIGHER SECONDARY EXAMINATION MARCH 2023

PART II

SUBJECT : COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

60 SCORES 2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		PART A(Answer five questions)		
1		d) HDMI	1	1
2		a) Tokens	1	1
3		d) ?:	1	1
4		a)get()	1	1
5		c) Optical Fiber	1	1
6		a) Phishing	1	1
		PART B(Answer any 11 questions)		

7		if(a>b)
		l=a;
		else
		l=b;
			2	2

8		+,-,/,*,% - explanation (any four)	2	2
9		char, int, float,double, void – explanation (any four)	2	2
10	a b	40 11	1 1	2
11		Any two difference	1+1	2
12	i ii iii iv	islower() - ctype.h exit() - stdlib.h sqrt() - math.h strlen() - string.h	½x4	2
13		'\0' – character literal/backslash character literal/escape sequence 0 – integer literal '0' – character literal "0" - string literal	½ ½ ½ ½	2
14		Any four rules – ½ marks each	½x4	2
15		Any four flowchart symbol	½x4	2

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16		Small and very fast memory in between RAM and processor	2	2
17		ASCII -expansion , 7 bit code, can include English alphabets and symbols(any two)	2	2
18		$(204)_{10}= (11001100)_2$ $(111011)_2=(73)_8$	1x2	2
19	(i) (ii) (iii) (iv)	First – Vacuum tube Second – Transistor Third – Integrated Circuits Fourth – Large Scale and Very large Scale Integrated Circuits	½ ½ ½ ½	2
		PART C(Answer any 7 questions)		
20		Symbol and truth table of each logic gate	1+1+1	3
21		Any three functions of OS	1+1+1	3
22		Any three difference	1+1+1	3
23		steps logic	2 1	3
24		Explanation of console functions and stream functions Example	2 1	3
25		Program structure logic selection using if... else statement or switch statement	1 1 1	3
26		Any two difference Example	2 1	3
27		Any three advantages	1+1+1	3
28		World wide Web, Search Engine, E-mail, Social Media(any three)	1+1+1	3
		PART - D(Answer any 3 questions)		
29	a b	Assignment and relational/comparison operator Arithmetic/binary and increment operator/unary operator - use	2 2	4
30		De-morgan's theorems(statements only) proof using truth table	2 1+1	4
31		Program structure array declaration input output	1 1 1 1	4
32		PAN,LAN,MAN,WAN- Explanation	1+1+1+1	4
33		Advantages(any three) Disadvantage(any one)	3 1	4

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