

ANSWER KEY

FIRST YEAR HIGHER SECONDARY EXAMINATION MARCH 2022

PART III

SUBJECT: COMPUTER APPLICATION (COMMERCE)

CODE NO: FY46 446

VERSION: ▲

60 SCORES

2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1	1	16	1	1
2	2	High Definition Multimedia Interface	1	1
3	3	Logical error	1	1
4	4	cascading	1	1
5	5	const	1	1
6	6	Mozilla Firefox	1	1
7	a)	$(100110)_2$	1	2
	b)	$(AB)_{16} = (10101011)_2 = (253)_8$	$\frac{1}{2} + \frac{1}{2}$	
8	8	Unicode can represent data in almost all written languages in the world or any two value points	2	2
9	9	Freedom 0-Freedom to run program Freedom 1-Freedom to study how program works Freedom 2-Freedom to distribute copies Freedom 3-Freedom to improve program Or Any four value points	4 x $\frac{1}{2}$	2
10	10	Better communication, effective synthesis Effective analysis, Effective coding	4 x $\frac{1}{2}$	2
11	a)	Definition	1	2
	b)	source code	1	
12	12	world.cup-special character is used world cup-white space is not allowed 2worldcup-Started with digit Break-keyword	4 x $\frac{1}{2}$	2
13	13	Z=7	2	2
14	14	Any four from the following <>, !=, =, <= and >=	4 x $\frac{1}{2}$	2
15	15	Use suitable naming conventions Use clear and simple expressions Use comments wherever needed Relevance of indentation	4 x $\frac{1}{2}$	2

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16	16	Correct syntax or explanation or flowchart	2	2		
17	17	Any one comparison point	2	2		
18	18	Any four correct value points	4 x ½	2		
19	19	Any three from the following(Speed, accuracy, Diligence, Versatility and Huge memory) Explanation	3 x ½ 3 x ½	3		
20	a)	Definition	1	3		
	b)	Reuse, Incineration, Recycling of e-waste, Land filling	4 x ½			
21	21	Correct flowchart -3 score Any two different symbols-1 score	3	3		
22	22	Keywords	Literals	Operators	6 x ½	3
		float, long	"Football", 93.5	+, %		
23	23	Any three from the following (int, float, char, double and void) -3 x ½ score Explanation=3 x ½ score	3 x ½ 3 x ½	3		
24	a)	Definition	1	3		
	b)	short, long, signed, and unsigned	4x ½			
25	25	Correct syntax give full score or Partially correct- 1score	3	3		
26	26	each correct classification 1 score	3 x 1	3		
27	26	Any three valid points	3 x 1	3		
28	28	Any three valid points <i>OR Examples of Social media</i>	1+1+1	3		
29	29	Any three valid points	1+1+1	3		
30	30	Name and explanation 1 score each <i>Input devices only</i>	5 x 1	5		
31	a)	1 3 5 7 9	1	5		
	b)	Initialisation:int n=1; Test expression:n<=10 Body of the loop: cout<<n<<"\t"; Update expression:n+=2;	2			
	c)	for(int n=1;n<=10;n+=2) cout<<n<<"\t";	2			
32	a)	Listing of three communication channels	3	5		
	b)	Explanation of any one	2			

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