

ANSWER KEY

FIRST YEAR HIGHER SECONDARY EXAMINATION MARCH 2025

PART III

SUBJECT: COMPUTER APPLICATION (HUM)

CODE NO:FY345

SCORE:60 MARKS

TIME:2 HOURS

Qn No	Answer Key/Value points	Score	Total Score
1	a (i and iii)	1	1
2	Left	1	1
3	Ctrl + O	1	1
4	Optical fibre	1	1
5	Facebook	1	1
6	e-business	1	1
7	ASCII, EBCDIC, Unicode, ISCII	1 + 1	2
	Any two names of above codes		
8	Controls, manages and co-ordinates all other units of a computer Any two points	1+1	2
9	Ram- Random access memory, Faster than Rom, allows reading and writing. Volatile memory, It stores data temporally Rom- Read only memory ,Slower than RAM , allows reading only Non-volatile memory ,It stores boot up program (Any 2 differences)	1+1	2
10	Locking rows in a spread sheet OR Window ->Freeze OR making rows immovable	2	2
11	Round a number up to a given number of digits / syntax/eg Round down to given number of digits/ syntax/eg	1+1	2
12	Insert-> Movie and Sound OR Clicking audio button in a slide show	2	2
13	Normal view or slide view, Outline view, Slide sorter view, Hangout view, Notes view	1+1	2
14	Raster images vector images made up of pixels created mathematically Quality of images does not loses quality when scaled	1+1	2

	decreases as they are scaled large files smaller in images used in web and print converted to raster images before they are used (Any 2 comparisons)		
15	Rectangle Select, Ellipse Select, Free Select/Lasso tool , Foreground Select , Fuzzy Select, By Colour Select, Intelligent Scissors (Name any 4 selection tools)	½ score each	2
16	Move the mouse pointer on the anchor point. Hold down Ctrl + Shift keys down and click on the anchor point OR Ctrl + Shift + Mouse Click	2	2
17	This is a data communication device. It receives incoming data signals, amplifies the signals to their original strength and retransmits them to the destination. OR Amplify signals in a network	2	2
18	A computer with NIC and an operating system that supports TCP/ IP, modem, telephone line, An Internet account given by an Internet Service Provider (ISP),mobile hotspot (Any software/hardware components for internet connection)	1+1	2
19	Store data and instructions, intermediate results and final results. Primary memory-RAM,ROM, secondary memory-CD,DVD(Any 3 points related to primary, secondary memory)	1+1+1	3
20	e-waste refers to electronic products nearing the end of their useful life reuse, recycle, incineration, land filling(½ score each) ~~OR Any other valid answers~~	1 2	3
21	Input-joystick, light pen, QR code reader output-CRT monitor, LCD Projector, Laser print	½ score each	3
22	Using a cell address to identify a cell is called cell referencing Relative cell references are basic cell references that adjust and change when copied. Absolute referencing-does not automatically adjust when formula is copied. To make a reference absolute, puts a Dollar(\$) sign before both the column letter and row number	1 1+1	3

	OR =B4+C4, \$A\$3 OR names only Explain two reference	3															
23	AVERAGE() ->calculate average of given set of values MAX() ->Give the maximum values in a list of numbers UPPER() ->Convert “welcome” to “WELCOME” MAX() ->Gives the maximum values in a list of numbers AND() ->Returns true if all the conditions are true otherwise returns false LOWER() ->Convert “WELCOME” to“welcome”	½ score each	3														
24	Setting time between two slides in a presentation Slide Show-> Rehearse Timing	1+2	3														
25	1. Align 2. Move 3. Crop 4. Rotate 5. Scale 6. Shear 7. Flip Name any six transform tools	½ score each	3														
26	<table><tr><td>Subtractive Colour Scheme</td><td>Additive Colour Scheme</td></tr><tr><td>Used in colour printing</td><td>Used in computer and Television screens</td></tr><tr><td>Mixing begins with white and ends with black</td><td>Mixing begins with black and ends with white</td></tr><tr><td>Use Cyan, Magenta and Yellow</td><td>Use Red, Green and Blue</td></tr><tr><td>Colour components to create colours</td><td>colour components to create colours</td></tr><tr><td>Absence of colours is white</td><td>Absence of colours is black</td></tr><tr><td>Presence of all the colours is black</td><td>Presence of all the colours is white(Any three comparisons)</td></tr></table>	Subtractive Colour Scheme	Additive Colour Scheme	Used in colour printing	Used in computer and Television screens	Mixing begins with white and ends with black	Mixing begins with black and ends with white	Use Cyan, Magenta and Yellow	Use Red, Green and Blue	Colour components to create colours	colour components to create colours	Absence of colours is white	Absence of colours is black	Presence of all the colours is black	Presence of all the colours is white(Any three comparisons)	½ score each	3
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27	a. Emboss b. Mosaic c. Ripple d. Shift e. Waves f. Wind Explain any three distorts filters Names only	1+1+1 ½ score each	3														
28	Bring people together , Plan and organize events , Business promotion, Social skills (Any 3 advantages) OR intrusion to privacy, Addiction, Spread rumours (any 3 limitations) OR Any 3 advantages and limitations	1+1+1	3														
29	Speed , Saves time and money , Transparency, Reduce corruption, Strengthens the democracy(Any 3 benefits)	1+1+1	3														

