

ANSWER KEY**FIRST YEAR HIGHER SECONDARY EXAMINATION SEPTEMBER 2021****PART-III****SUBJECT :- COMPUTER APPLICATION-HUMANITIES****CODE No:- FY-245****MAX SCORE :- 60****TIME :- 2 HOURS**

Qn. No.	Sub Qns	Answer Key/Value Points	Score	Total Score
1	a	(ii) or Information	1	1
	b	Attempted give score	1	1
	c	(ii) or Facebook	1	1
	d	Attempted give score	1	1
	e	Attempted give score	1	1
2		Capturing of data, Input of data, Storage of data, Processing of data, Output of Information, Distribution of Information.....Any 4 points Definition of data processing	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ 1	2
3		American Standard Code For Information Interchange Or Expansion or Any points related to EBCDIC	2	2
4		Stores and supplies data, intermediate, final resultsAny 2 valid points Definition of primary memory Any Example of Primary Memory	1 + 1 1 1	2
5		Compiler :- Whole program executed and errors shown with line numbers. Interpreter :- Line by line execution of code takes place with error correction if needed to proceed to next line.....Any 2 differences	1 + 1	2
6		Accepts/Converts data, instructions Supplies to memory.....Any 2 valid points Name of any input device	1 + 1 1	2
7		Cell :- Intersection or Joining of row and column Range :- Group of adjacent or nearby cells	1 + 1	2
8		Number, Text, Date and Time, Formula etc..Any 4 data types	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$	2
9		Insert-→Columns Or Right click on a cell. Click Insert-→Columns	2	2
10		SUM,ROUND,ROUNDUP,ROUNDDOWN,COUNTIFAny 4 Names	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$	2
11		Editing, Resizing, Cropping, Colouring, Retouching, Removing dirt's, imperfections, wrinkles etc....Any 4 valid points Example for an image editing software	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ 1	2

Qn. No.	Sub Qns	Answer Key/Value Points	Score	Total Score
12		Rectangle Select, Ellipse Select, Free Select, Foreground Select, By Color Select, Fuzzy Select, Intelligent Scissors....Any 4 valid points Select a part of an image or layer	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ 1	2
13		File-→New	2	2
14		Out of focus effect for an image/ Blurs an image	2	2
15		Lens Flare, Lightning Effects, Supernova..... Any 2 Names	1+1	2
16		Rate of data transfer or amount of data send in a given time Mbps, Kbps, Gbps etc...Any network speed measuring units.	2 $\frac{1}{2}$	2
17		Router :- Connects similar networks with same protocols. Gateway :- Operates at higher level, connects dissimilar networks with different protocols.....Any 2 differences	1 + 1	2
18		PAN, LAN, MAN, WAN	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$	2
19		Any point relating to cyber security	2	2
20		Internet Forums, Blogs, Micro blogs, Content Communities, Wikis, Social Networking sites etc.....Any 4 points Or Any 4 Examples for social media	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$	2
21		E-Learning :- Use of electronic media, ICT in education or learning. E-Commerce :- Exchange of goods and services or Business transactions through online/internet Or Any related differences	1 + 1 1+1	2
22		Speed, Accuracy, Diligence, Versatility, Huge Memory, No IQ, No decision making power, No feelings etc.....Explanation of any 3 points Names only	1+1+1 $1\frac{1}{2}$	3
23		Controls and Co-ordinates other units, Computing and decision making, Controls data flow... 2 valid points Central Processing Unit CPU=ALU+CU	$1\frac{1}{2} + 1\frac{1}{2}$ 1 1	3

Qn. No.	Sub Qns	Answer Key/Value Points	Score	Total Score
24		Reuse, Recycle, Incineration, Land Filling.....Explanation of any 3 methods Names only E-Waste definition	1+1+1 1 ½ 1	3
25	a	Software interface between user and hardware Or	1	3
	b	Example for operating System Process management, Device management, File management, Memory management etc....Any two names of functions	1+1	
26		Stores large volume of data, calculations and comparisons of data easily done, Supports text formatting features, Prepare charts for graphical data analysis, sorting and filtering of data can be done, Functions and formula for numerical calculations, Automatical Updatations if changes made to data etc.....Any 3 points	1+1+1	3
27		Viewed in different platforms, Not editable, Transfer files easily, Less size.....Any 3 valid points Portable Document Format	1+1+1 1	3
28		Bar chart, Column chart, Pie chart, Line chart.....Any 3 valid chart names used in spread sheet	1+1+1	3
29	a	Setting rows / columns immovable	1	3
	b	Freezed Rows/columns or Rows/columns remain in view while scrolling the spread sheet Or Window→Freeze	2	
30		File→New or Ctrl + N, File→Open or Ctrl + O, File→Save or Ctrl + S, File→Save AsAny 3 points Or Select and click appropriate icon from the tool bar	1+1+1	3
31		Insert→Movie and Sound	3	3
32		a. Pixelize c. Blur b. Mosaic a. Distorts c. Supernova b. Light and Shadow	1+1+1	3
33	a	Editing or manipulating image or graphic	1	3
	b	Raster graphic Editors, Vector graphic Editors,3-D Modelers.....Any 2 points Or Any 2 Names of image graphic editors	1+1	

Qn. No.	Sub Qns	Answer Key/Value Points	Score	Total Score
34		Align, Move, Scale, Crop, Rotate, Flip, Shear etc...Name any 3 tools	1+1+1	3
35	a b	Create straight lines, smooth curved vector paths, select images, align text along a path....Any 1 point Tools→path Or select path tool from Tool box	2 1	3
36		Resource sharing, Communication, Price-performance ratio, Scalability, Reliability....Any 3 points	1+1+1	3
37	a b	Definition of topology Star, Bus, Ring, Mesh topologies.....Explanation Or diagrammatic representation of any two topologies Any two names of topology	1 1+1 $\frac{1}{2}+\frac{1}{2}$	3
38		Computer Virus, Worm, Spams, Trojan Horse, Hacking etc.....Any 2 Explanation Names only	$1\frac{1}{2}+1\frac{1}{2}$ 2	3
39	a b	World Wide Web A software used to access or view internet Or Any two examples of browser	1 2	3
40		e-Book, e-Text, Online Chat, Educational TV Channels, e-Content etc.....Any 2 Explanation Any two Names only.....	$1\frac{1}{2}+1\frac{1}{2}$ 2	3
41		G2G,G2B,G2C,G2E etc.....Names only	1+1+1	3
42		Blur, Distorts, Sharpen, Light and Shadow, Artistic Or Any 5 subsections under these filters (Blur-Gaussian Blur, Simple Blur, Motion Blur, Pixelize, Selective Gaussian Blur Distorts-Emboss, Mosaic, Ripple, Shift, Waves, Wind Light and Shadow-Lens Flare, Lightning Effects, Supernova Artistic-Clothify, Cubism, Oilify, Soft Glow, Weave....etc)	1+1+1+1+1	5
43		Normal view, Outline view, Notes view, Slide sorter view, Hand out view.....Names only	1+1+1+1+1	5
44	a b	Free Software that allows to study, copy, use, examine, improve, change and distribute etc.... 2 valid points Or Any two different types of freedoms Linux, Open Office, Mozilla Fire Fox etc.....Any One Name of free and open source software	2+2 1	5

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