

Unofficial Answer Key
SECOND YEAR HIGHER SECONDARY EXAMINATION MARCH 2023
PART III

SUBJECT:COMPUTER APPLICATION(HUMANITIES)

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CODE : SY-545

60 SCORES

2 HOURS

Qn No	Sub Qns	Answer key/value point	Score	Total Score											
I		Answer any 5 questions from 1 to 6. Each carries 1 scores. (5 x1 =5)													
	1	scribus/Adobe InDesign/ QuarkXPress	1	5											
	2	Domain Name System	1												
	3	<A>	1												
	4	Web Hosts	1												
	5	CREATE TABLE / CREATE	1												
6	GPS (Global Positioning System)	1													
II		Answer any 9 questions from 7 to 18. Each carries 2 scores. (9 x2 =18)													
	7	It is the art and technique of arranging type (letters) to make written language readable and beautiful.	2	18											
	8	It is a mobile electronic device that is designed for reading e-books and digital periodicals.	2												
	9.	<table border="1"> <thead> <tr> <th>Function</th> <th>Short cut key combination</th> </tr> </thead> <tbody> <tr> <td>Save a document</td> <td>Ctrl+S</td> </tr> <tr> <td>Cut</td> <td>Ctrl+X</td> </tr> <tr> <td>Select the whole document</td> <td>Ctrl+A</td> </tr> <tr> <td>Print</td> <td>Ctrl+P</td> </tr> </tbody> </table>			Function	Short cut key combination	Save a document	Ctrl+S	Cut	Ctrl+X	Select the whole document	Ctrl+A	Print	Ctrl+P	2
		Function	Short cut key combination												
		Save a document	Ctrl+S												
		Cut	Ctrl+X												
		Select the whole document	Ctrl+A												
	Print	Ctrl+P													
	10	i. Select the matter in the document area.			2										
		ii. Choose the menu option Format → Columns													
iii. select the number of columns,width of columns, spacing etc															
iv. Click OK button to complete the task.															
11	<table border="1"> <thead> <tr> <th>Static web page</th> <th>Dynamic web page</th> </tr> </thead> <tbody> <tr> <td>The content and layout is fixed</td> <td>The content and layout may change</td> </tr> <tr> <td>Never use databases.</td> <td>Database is used to generate dynamic content through queries.</td> </tr> <tr> <td>Directly run on the browser .</td> <td>Runs on the server side application program and displays the results in the browser.</td> </tr> <tr> <td>Easy to develop.</td> <td>Dynamic web page development</td> </tr> </tbody> </table>		Static web page	Dynamic web page	The content and layout is fixed	The content and layout may change	Never use databases.	Database is used to generate dynamic content through queries.	Directly run on the browser .	Runs on the server side application program and displays the results in the browser.	Easy to develop.	Dynamic web page development	2		
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Easy to develop.	Dynamic web page development														

		requires programming skills.								
12		A Container Tag which contains both opening tag and closing tag .Eg: <html> An empty tag contains only opening tag but no closing tag.Eg: 	2							
13		a) H₂SO₄ b) a²+2ab+b²	2							
14		A style rule tells the browser how to render a particular element such as a text, paragraph, image, button, etc on a web page.A style rule has two portions: a selector and a declaration block . Eg p { marrgin:20px;}	2							
15		The web page is able to adjust itself to the screen size of the device like desktops, laptops, tablets and mobile phones etc.	2							
16		Primary key,candidate key,alternate key,foreign key etc.	2							
17		PRIMARY KEY,AUTO-INCREMENT,NOT NULL,UNIQUE,DEFAULT	2							
18		An act of a person in cyberspace that causes physical or mental trouble to an individual is referred as cyber crime against individual. Identity theft,Harassment,Impersonation and cheating,Violation of privacy,Dissemination of obscene material are some examples.	2							
III		Answer any 9 questions from 19 to 29.Each carries 3 marks (9*3=27)								
19		Balance - Balance is the distribution of the visual weight of objects, colours, texture and space. Repetition - Repetitive works with a pattern makes the artwork look active. Contrast - Contrast is the association of opposing elements like opposite colours, tone, direction, etc. Harmony - Harmony is the visually satisfying effect of combining similar, related elements. Unity - Relating the design elements to the idea being expressed strengthens unity. Dominance -Used for giving emphasis to things	3*1							
20		a) first letter in a paragraph takes the height of two or more lines. b) i)Place the cursor anywhere in the paragraph ii) Select Paragraph -> Drop cap tab iii)Specify the number of characters to be dropped and number of lines it should span. iv)Click OK button.	1 2	27						
21		<table border="1"> <tr> <td>Cut - Paste</td> <td>Copy - Paste</td> </tr> <tr> <td>Does not duplicate text</td> <td>Text will duplicate</td> </tr> <tr> <td>Selected text will be present destination only</td> <td>Selected text will be present at both the source and destination location</td> </tr> </table>	Cut - Paste	Copy - Paste	Does not duplicate text	Text will duplicate	Selected text will be present destination only	Selected text will be present at both the source and destination location	any 3*1	
Cut - Paste	Copy - Paste									
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	Moves the text from one place to another	Text is copied from one place to another.	
22	<p>a. Image files such as photos, drawings or scanned images. b. Diagrams created using tools available in the Drawing toolbar. c. Charts created using the chart facility.</p>		3
23	Client side scripting	Server side scripting	3
	Script is copied to client browser	Script remains in the web server	
	Users can block client side scripting	Server side scripting cannot be blocked by a user	
	Client side scripts are mainly used for validation of data at the client.	Server side scripts usually used to connect to databases and return data from the web server	
24	Border, Bordercolor,Align,Bgcolor,Background,cellspacing,cellpadding, width, height, frame,rules		3
25	a) A selector is an HTML element or set of elements to which a CSS rule is applied.		1
	b)Universal selector , Type selector ,Class selectors ,ID selectors		2
26	<p>1.Shared hosting :many different websites are stored on one single web server and they share resources like RAM and CPU. 2.Dedicated hosting: Dedicated web hosting is the hosting where the client leases the entire web server and all its resources. 3.Virtual Private Server:A Virtual Private Server (VPS) is a physical server that is virtually partitioned into several servers using the virtualization technology.</p>		3
27	<p>1.Physical data independence. 2.Logical Data independence.</p>		3
28	<p>DML (Data Manipulation Language) DDL (Data Definition Language) DCL (Data Control Language)</p>		3
29	<p>1.Short Message Service(SMS) :Text messaging service in mobile communication systems that allows exchanging short text messages. 2.Multimedia Messaging Service(MMS):send and receive messages that consists of multimedia content using mobile phones. 3.The Global Positioning System (GPS) :is a satellite based navigation system that is used to locate a geographical position anywhere on earth. 3.Smart cards: Plastic card embedded with a computer chip / memory that stores and transacts data.</p>		

IV	30	<p>Answer any two questions from 30 to 32.Each carries 5 marks (2*5=10)</p> <p>a)It is facility which helps to print many documents with the same content and addressed to different people.Tools → Mail Merge Wizard</p> <p>b) 1. Select starting document- This step allows to select the main document.</p> <p>2. Select document type- This step allows to select the type of document to be created.</p> <p>3. Insert address book - this step is used to insert/create the address list for merging.</p> <p>4. Create salutation- is provided to create a personalised salutation in the main document. i.e., "Mr." for males and "Mrs." for females.</p> <p>5. Adjust layout- Writer gives a dialog box the address block to the correct position in the main document.</p> <p>6. Edit document- This step helps to preview and edit the merged documents</p> <p>7. Personalise- The Mail Merge Wizard creates a single merged document with page breaks between each recipient.</p> <p>8. Save, print or send- This step provides the output options for merged documents</p>	1 4	
	31	<p>a)1.Unordered lists :Unordered lists or bulleted lists display a bullet or other graphic in front of each item in the list.</p> <p>Tag used for creating list - </p> <p>Tag for including items - </p> <p>Attribute – Type -Values- Disc (default value), Square , Circle</p> <p>2.Ordered lists:Ordered lists present the items in some numerical or alphabetical order.</p> <p>Tag used for creating list - </p> <p>Tag for including items - </p> <p>Attribute – Type ,start</p> <p>3.Definition lists :It is a list of terms and the corresponding definitions.</p> <p>Tag used for creating list - <DL>,<DT>,<DD></p> <p>b) <HTML></p> <pre> <HEAD> <TITLE> LIST</TITLE> </HEAD> <BODY> <H1>Components of a computer</H1> Input Device CPU Output Device </BODY> </HTML> </pre>	2 3	10
	32	<p>a)Database Management System (DBMS) is essentially a set of programs which facilitates storage, retrieval and management of database.</p>	1 4	

		b) <ol style="list-style-type: none">1. Controlling data redundancy2. Data consistency3. Efficient data access4. Data integrity	<ol style="list-style-type: none">5. Data security6. Sharing of data7. Enforcement of standards8. Crash recovery		
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