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Ι	(One Word)					
	1.C 2.B 3.A 4.C 5.A 6.B 7.A 8.A 9.4	A 10.D 11.C 12.B 13.B 14.B 15.B				
II	Two Marks) (Q.no 24 is compulsory)					
16	1.Raster or Bitmap Images, 2.Vector Images					
17	SQL	My SQL				
	◆ It is a standardized language used to access the	♦ My SQL is a open source software that allows				
	database.	managing relational databases.				
	The data's are processed to turn into efficient	◆ It provides the flexibility of changing the source				
	information.	code as per the needs.				
18	 by en closing a comma-separated list of values in square brackets (or) by using the array () function. 					
	Syntax: \$arrayVariable = [element1, element2, element3, elementN]; (or)					
	\$arrayVariable = array(element1, element2, ele					
19	Examples: (a) \$fruits = ['apple', 'banana', 'orange']; MySQLi is extension in PHP scripting language which g					
20	1) It provides mobility. 2) It provides connection toIn					
20	4) Ensures connectivity. 5) Low cost, high benefits.	conce, 5) I featomety of Erriv.				
21	 Ethernet port is an opening which is a part of an Ethernet 	card. It accepts RJ45 connector with Ethernet cable.				
	 It is found on personal computers, laptops, routers, s 					
22	✤ A significant output of simulation is the trace files.					
	 Trace files can document every incident that happen 	ed in the simulation and are used for examination.				
23	 Typo piracy is a variant of Cyber Squatting. 					
		common typographical errors in typing a website address				
	and direct users to a different website.					
		vebsites to generate accidental traffic for their websites.				
24	Example: 1.www.goggle.com, 2.www.faceblook. while (condition is true)	com				
24	{					
	code to be executed;					
	}					
III	(Three Marks) (Q.no 33 is compulsory)					
25	 Adobe PageMaker is a page layout software. 					
	 It is used to design and produce documents that can 					
26	 You can create anything from a simple business care It is defined as the number of items that must be items. 					
26	 It is defined as the number of items that must be in mapped with the number of entities of another set vi 	ncluded in a relationship.ie number of entities in one se				
		 The three classifications in Cardinality are one-to-one, one-to-many and Many-to-Many. PHP code is enclosed in <?php and?> tags. These tags are called opening and closing tags. 				
27						
27		gs are called opening and closing tags.				
27	♦ A PHP statement must end with a semicolon (;).	gs are called opening and closing tags.				
27		gs are called opening and closing tags.				
27	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; 	gs are called opening and closing tags.				
	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; ?> 	gs are called opening and closing tags.				
27 28	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; 	gs are called opening and closing tags.				
	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; ?> Switch (expression) { 	gs are called opening and closing tags.				
	 A PHP statement must end with a semicolon (;). Example: <td>gs are called opening and closing tags.</td>	gs are called opening and closing tags.				
	 A PHP statement must end with a semicolon (;). Example: Php echo "Hello, World!"; > Switch (expression) (ase value1: //code to be executed if expression = value1; 	gs are called opening and closing tags.				
	 A PHP statement must end with a semicolon (;). Example: <li< td=""><td>gs are called opening and closing tags.</td></li<>	gs are called opening and closing tags.				
	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; ?> Switch (expression) {	gs are called opening and closing tags.				
	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; ?> Switch (expression) {	gs are called opening and closing tags.				
	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; ?> Switch (expression) {	gs are called opening and closing tags.				
	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; ?> Switch (expression) {					
	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; ?> Switch (expression) (ase value1:					
	 A PHP statement must end with a semicolon (;). Example: <?php echo "Hello, World!"; ?> Switch (expression) (ase value1:	y of the values; than one value from the HTML form.				

1

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	\clubsuit This base station provides the cell with network	coverage and other features that can be utilized for				
	transmission of voice, data and other content as well					
31	Absolute URL	Relative URL				
	Absolute URL is the complete address of a \diamond					
	document on the Internet.	the Internet.				
	• Absolute URL contains all the information that are	3				
	required to find the files on the Internet.	with folder name.				
	All the four parts is very important in absolute URL.	 Relative URL is used when the file is on the sam server related to original document. 				
32	Similarity of credit card and debit card:	server related to original document.				
54	 The way of using debit cards and credit cards is generally the same. 					
	 The debit card and credit card are identical in their p 					
	Difference between credit card and debit card:					
	Credit card	Debit card				
	 Normally used for retail transactions. 	 Debit Card is an electronic payment card where the 				
	The credit card issuer allows you to spend the money.	transaction amount is deducted directly from the card				
	$\bullet \text{The card issuer to payback the value later with an}$	 holder's bank account upon authorization. Generally, debit cards function as ATM cards and act 				
	agreed interest	as a substitute for cash.				
33	<u>Output</u> : 75					
IV	(Five Marks)					
38.a	Output: Pass					
OR	1.INTERNET:					
	The Internet, "the Net," is a worldwide system of co	mputer networks.				
	♦ A global network, public TCP/IP network used by o	ver a billion people all over the world.				
	 A network of networks where the users at any one computer can, if they have permission, get information from 					
	any other computer.					
		- comprising private, public, business, academic an				
	government networks - linked by guided, wireless and fiber-optic technologies.					
	♦ It was perceived by the Advanced Research Projects Agency (ARPA) of the U.S. government in 1969 and wa					
		Agency (ARPA) of the U.S. government in 1969 and wa				
	first recognized as the ARPANet.	Agency (ARPA) of the U.S. government in 1969 and wa				
	first recognized as the ARPANet. Example:					
	first recognized as the ARPANet. Example: ♦ Sending email to a friend ,Download programs and f					
	first recognized as the ARPANet. <u>Example:</u>	ïles, Social media, E-Mail				
	 first recognized as the ARPANet. <u>Example:</u> Sending email to a friend ,Download programs and f <u>2.INTRANET:</u> It is a private network within an enterprise to share compared to the state of the st	iles, Social media, E-Mail ny data and computing resources between the employees.				
	 first recognized as the ARPANet. Example: Sending email to a friend ,Download programs and f 2.INTRANET: It is a private network within an enterprise to share compare It may consist of many interlinked local area network 	iles, Social media, E-Mail ny data and computing resources between the employees. ks.				
	 first recognized as the ARPANet. Example: Sending email to a friend ,Download programs and f 2.INTRANET: It is a private network within an enterprise to share compare It may consist of many interlinked local area network 	iles, Social media, E-Mail ny data and computing resources between the employees. ks. (connects two networks using different protocols togethe				
	 first recognized as the ARPANet. Example: Sending email to a friend ,Download programs and f 2.INTRANET: It is a private network within an enterprise to share compare It may consist of many interlinked local area networ It includes connections through one or more gateway known as protocol convertor) computers to outside I Example: 	files, Social media, E-Mail ny data and computing resources between the employees. ks. (connects two networks using different protocols togethe nternet.				
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34	 first recognized as the ARPANet. Example: Sending email to a friend ,Download programs and f 2.INTRANET: It is a private network within an enterprise to share compar It may consist of many interlinked local area networ It includes connections through one or more gateway known as protocol convertor) computers to outside I Example: Sharing of company policies/rules and regulations, Access 3.EXTRANET: It is a private network that uses Internet technology a business's information with suppliers, vendors, partn Example: Customer communications, online education/ training 	iles, Social media, E-Mail ny data and computing resources between the employees. ks. (connects two networks using different protocols togethe internet. employee database, Distribution of circulars/Office Orders nd the public telecommunication system to securely shar ers, customers, or other business.				
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34. a	 first recognized as the ARPANet. Example: Sending email to a friend ,Download programs and f 2.INTRANET: It is a private network within an enterprise to share compate It may consist of many interlinked local area networ It includes connections through one or more gateway known as protocol convertor) computers to outside I Example: Sharing of company policies/rules and regulations, Access 3.EXTRANET: It is a private network that uses Internet technology a business's information with suppliers, vendors, partn Example: Customer communications, online education/ trainin 1.Production Manager: In a multimedia production, the role of production material 	iles, Social media, E-Mail ny data and computing resources between the employees. ks. (connects two networks using different protocols togethe internet. employee database, Distribution of circulars/Office Orders nd the public telecommunication system to securely shar ers, customers, or other business. g, Account status enquiry.				
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	5. <u>Multimedia Ar</u>		11 -1		
	photos and anii	nation by usin		e multimedia building blocks like graphics, text, audio, music, video ng software.	
	 6. <u>Computer Graphic Artist</u>: The role of Computer Graphic Artist is to deal with the graphic elements of the programs like backgrounds bullets, buttons, pictures editing, 3-D objects, animation, and logos etc. 7. <u>Audio and Video Specialist:</u> 				
	The roles of thes			ealing with narration and digitized videos to be added in a multimedia	
			ording, editing	g sound effects and digitizing.	
	8. <u>Computer Prog</u> ★ The computer t		vrites the line	s of code or scripts in the appropriate language.	
	 These scripts us windows, contra 	sually develop	os special fun	ctions like developing the software to give the size and shape of video	
	9. <u>Web Master:</u> ★ The responsibility	ilitv of the we	b master is to	o create and maintain an Internet web page.	
	 They converts 	a multimedia	presentation	into a web page.	
OR	 Final multime EDI was developed 	dia product is	a joint effort	of the entire team.	
UK	EDI was developed to solve the problems inherent in paper-based transaction processing and in other forms of electronic communication.				
	 Implementing EDI system offers a company greater control over its supply chain and allow it to trade more effectively. It also increases and ustivity and promotes correctional efficiency. 				
	 It also increases productivity and promotes operational efficiency. The following are the other advantages of EDI: 				
	1.Improving servic	e to end users	s 2.Increasing	productivity 3. Minimizing errors	
	4.Slashing respons	e times 5.Au	tomation of o	operations 6.Cutting costs	
25	7. Integrating all bu	usiness and tr	ading partner	s. 8. Optimizing financial ratios	
35.a	Tool	Toolbox	Cursor	Use	
	Pointer tool		R	Used to select, move, and resize text objects and graphics.	
	Text tool	T	Ĩ	Used to type, select, and edit text.	
	Rotating tool	ा	\ast	Used to select and rotate objects.	
	Cropping tool	Ħ	¥	Used to trim imported graphics.	
	Line tool		+	Used to draw straight lines in any direction.	
	Constrained Line tool	-	+	Used to draw vertical or horizontal lines.	
	Rectangle tool		+	Used to draw squares and rectangles.	
	Rectangle Frame tool		+	Used to create rectangular placeholders for text and graphics.	
	Ellipse tool	0	+	Used to draw circles and ellipses.	
	Ellipse Frame tool	\otimes	+	Used to create elliptical placeholders for text and graphics.	
	Polygon tool	\bigcirc	+	Used to draw polygons.	
	Polygon Frame tool	\otimes	+	Used to create polygonal placeholders for text and graphics.	
	Hand	<u></u>	ংশ	Used to scroll the page (an alternative to the scroll bar)	
	Zoom	Q	Ð,	Used to magnify or reduce an area of the page.	
OR	Traditional			E-Commerce	
	and services p	physically.		g of products E-Commerce carries out commercial transactions electronically on the Internet.	
	Customer can the merchant.		fy, authentica	te and talk to Neither customer nor merchant see the other.	
	I une merchant.				

3

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	 Physical stores are not feasible to be open all the times. 	• It is always available on all time and all days of the year.			
	Products can be inspected physically before purchase.	 Products can't be inspected physically before purchase. 			
	Scope of business is limited to particular area.	 Scope of business is global. Vendors can expand their business Worldwide. 			
	 Resource focus Supply side. 	 Resource focus Demand side. 			
	 Business Relationship is Linear. 	 Business Relationship is End-to-end. 			
	Marketing is one way marketing.	 One-to-one marketing. 			
	 Payment is made by cash, cheque, cards etc. 	 Payment system is mostly credit card and through fund transfer. 			
	Most goods are delivered instantly	 It takes time to transport goods. 			
36.a	ER Model basic concepts:				
	design. <u>1.Entity or Entity type</u> :	n ER diagram and produce an ER model. reated and viewed to know the concept in that database nation which is easily identifiable by anyone even by a			
	common man.	nation which is easily identifiable by anyone even by a			
	Example:				
	In a company's database Employee, HR, Manager ar be having their own attributes.	e considered as entities, where each of these entity wil			
	An entity is represented by a rectangular box.				
	Types of Entity: 1. Strong Entity 2. Weak Entity 3. Entity Instance				
	2.Attributes:				
		escribe, quantify, qualify, classify, and specify an entity.			
	 An attribute is the information about that entity and it will describe, quantify, qualify, classify, and specify an entity. An attribute will always have a single value, that value can be a number or character or string. 				
	\mathbf{w} An annound with always have a single value, that value	e can be a number or character or string.			
	Types of attributes: 1. Key 2. Simple 3. Composite 4. Si				
	<u>Types of attributes:</u> 1. Key 2. Simple 3. Composite 4. Si <u>3.Relationship Type:</u>	ngle Valued 5. Multi Valued Attribute			
	 Types of attributes: 1. Key 2. Simple 3. Composite 4. Sin 3.Relationship Type: ♦ In ER Model, relationship exists between two entities 	ngle Valued 5. Multi Valued Attribute			
	 Types of attributes: 1. Key 2. Simple 3. Composite 4. Sin 3. Relationship Type: ♦ In ER Model, relationship exists between two entities: ♦ Three types of relationships are available and the Entity- 	ngle Valued 5. Multi Valued Attribute			
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