HSE SECOND YEAR EXAMINATION, MARCH - 2024
COMPUTER APPLICATIONS - ANSWER KEY

NOTE:
1. Answer written in BLACK or BLUE ink pen should be evaluated.
2. Choose the correct answer and write the option code.
3. In one of them (option or answer) is wrong, then award zero mark only.

Maximum Marks : 70

PART - I

Answer all questions :   **15×1=15**

Q.No	OPTION	ANSWER	MARK
1	a	Apple Inc.	1
2	c	Select	1
3	d	echo	1
4	b	break	1
5	Mere Attempt		1
6	b	mysqli_close("Connection Object");	1
7	b	Cells	1
8	a	128	1
9	d	RJ21	1
10	b	File	1
11	b	Small and Medium-sized Enterprises	1
12	d	Debit card - Pay now	1
13	d	ICANN	1
14	a	Phishing	1
15	b	function	1

PART-II

Answer any Six questions. Question number 24 is compulsory.   **6×2=12**

Q.No	ANSWER	Marks
16	WAV, MP3, OGG, AIFF, WMA, RA (Any 4)	2
17	It is defined as the number of items that must be included in a relationship. (or) It is defined as the number of different values in any given table column. (or) The three classifications in Cardinality are one-to-one, one-to-many, and many-to-many.	2

| --- | --- | --- |
18	A function is called simply by using the function name, along with an argument list. (or) **Any valid Syntax or Example**	**2**
19	1) Communication 2) Resource sharing 3) Information sharing	**2**
20	• NS2 is the abbreviation of NETWORK SIMULATOR version 2. • It was considered explicitly for exploration in network communication and event- driven open-source simulator in computer. (or) **Any other valid points (Any Two)**	**2**
21	**DDL Commands**: **(Syntax for any two)** CREATE, ALTER, DROP, RENAME, TRUNCATE **DML Commands**: **(Syntax for any Two)** INSERT, UPDATE, DELETE	**1** **1**
22	• Network Access Layer • Internet Layer • Transport Layer • Application Layer	**2**
23	Any **Two** Suitable differences	**2**
24	**Syntax :** $file_object=fopen("Filename","Read/WriteMode")or die("Error Message"); **(OR)** $file_object=fopen("Filename","Read/WriteMode"); **Example :** Any suitable example	**1** **1**

PART-III

Answer any six questions. Question number 33 is compulsory.   6×3=18

Q.No	ANSWER	Marks
25	Delivery notes, Invoices, Purchase orders, Advance ship notice, Functional acknowledgements **(Any Three)**	**3**
26	In B2B E-Commerce, commercial transactions take place between different business organizations, through the Internet. Out sourcing and off shoring are generally associated with B2B (or) Any suitable example	**2** **1**
27	Information leakage, Tampering, Payment frauds, Malicious code threats, Distributed Denial of Service (DDoS) Attacks, Cyber Squatting, Typopiracy, Phishing. (**Explain Any Two**)	**3**

Q.No	ANSWER	Marks
28	A cable interconnecting two devices directly (or without modem) is known as a null modem cable.	2
	Example: Crossover cable, RS-232 cable, Rollover cable **(Any one example)**	1
29	1. Place the cursor on the bottom handle of the second text block, click and drag the bottom handle up to the top. 2. Then place the cursor on the bottom handle of the first text block, and click and drag the bottom handle down if necessary.	3
30	Stored value card is a type of debit card that is pre-loaded with certain amount(value), with which a payment is made.	1
	Types. 1. Closed loop (single purpose) 2. Open loop (multipurpose)	2
31	1. Semantic layer 2. Standard translation layer 3. Transport layer 4. Physical layer	3
32	**Syntax:** mysqli_connect("Server name","User Name", Password", "DB Name");	2
	Example: Any suitable example	1
33	a=>10 b=>20 c=>30	3

PART -IV

Answer all the questions.   5×5=25

Q.No	ANSWER	Marks
34 (a)	• Click on the **Polygon tool** and **draw a Polygon** • Click **Element > Polygon Settings**, Now a dialogue box appears. • Type **5** in the **Number of sides** text box. • Type **50%** in **Star inset** textbox. • Click **OK**	5
	(OR)	
(b)	• Direct EDI • EDI via VAN • EDI via FTP/VPN, SFTP, FTPS • Web EDI • Mobile EDI (Explanation)	5

kindly send me your key Answers to our email id - padasalai.net@gmail.com

Q.No	ANSWER	Marks
35 (a)	1. Patch Cable (Twisted pair) 2. RJ45 Connector 3. Ethernet Ports 4. Crimping Tool **(Explanation)**	5
	(OR)	
(b)	**Any Three** suitable differences	5
36 (a)	**1.** Entity or Entity type **2.** Attributes **3.** Relationship **Explanation** **Example**	1 3 1
	(OR)	
(b)	1. When the user enters the URL in the browser, the system first checks its DNS cache for the corresponding IP address. 2. If the IP address is found in the cache, then the information is retrieved from cache. If not, the system needs to query the resolver. 3. Each resolver has its own cache and if it is found in that then that information is retrieved. If not, then the query is passed to next domain server i.e., TLD 4. Until the query is solved it is passed to next level domains. Finally, the IP address is detected and the corresponding record is sent to the resolver. 5. Then the resolver returns the record back to the computer browser **Note :** - For mere workflow of DNS diagram award **2** marks	5
37 (a)	1. Secure Electronic Transaction (SET) **(Explanation)** 2. Secure Sockets Layers (SSL). **(Explanation)**	2 ½ 2 ½
	(OR)	
(b)	• User-defined functions (Definition) • Function definition or declaration (Syntax and explanation) • Calling a function • Any suitable Example	1 2 1 1
38 (a)	1. Production Manager 2. Content Specialist 3. Script Writer 4. Text Editor 5. Multimedia Architect 6. Computer Graphic Artist 7. Audio and Video Specialist 8. Computer Programmer 9. Web Master **(Explanation of any five)**	5
	(OR)	
(b)	1. Use of for loop 2. Syntax (Explanation) 3. Example (Any suitable example)	1 3 1

kindly send me your key Answers to our email id - padasalai.net@gmail.com