

XII Computer Applications Mar 2020 – Answer Key (New Syllabus)

Qno	Answers	Mark Split-ups
Part I		
1	(D) Musical instrument Digital Identifier	1
2	(C) Ctrl +N	1
3	(B) Record	1
4	(A) INSERT	1
5	(C) // (or) (D) #	1
6	(C) 3	1
7	(C) hi	1
8	(D) None of these	1
9	(B) Query	1
10	(B) Node	1
11	(D) Transmission Control Protocol	1
12	(D) • (dot)	1
13	(B) Tim Berners Lee	1
14	(D) (A) and (B)	1
15	(B) Wireless Fidelity	1
Part II (Q.No 24 is Compulsory)		
16	1. Place the Insertion Point to the Character to be deleted.	1
	2. Press Backspace / Delete Key	1
17	Text editing means making changes to the existing text.	2
18	A primary key is a key that uniquely identifies a tuple (record) in a Table	2
19	A significant output of simulation is the trace files. Trace files can document every incident that happened in the simulation and are used for examination.	2
20	Form Validation is a process of checking the input data submitted by the user from client machine.	2
21	fopen() is a system function available in PHP. This function helps to open a file in the server. It contains two parameters.	2
22	When we have mixed group of people coming together online, many discussions arise which lead to personal attacks called flame wars.	2
23	Absolute URL & Relative URL	1+1
24	foreach (\$array as \$value) { code to be executed; }	2
Part III (Q.No 33 is Compulsory)		
25	Animation is the process displaying still images so quickly so that they give the impression of continuous movement. Types – Path Animation and Frame Animation	2 1
26	Any text or object that you place on the master page will appear on the entire document pages. Logos, page numbers, headers, and footers are used in Master Page	2 1

27	A Web server is a Software that uses HTTP to serve the files that form Web pages to users. A Web browser is a software application for accessing information on the World Wide Web.	1½ 1½
28	<ul style="list-style-type: none"> • Standard Document Format • Transfer and Mapper • Communication Software • Communication Network 	3
29	Looping Structures are useful for writing iteration logics. It is the most important feature in PHP. Checks the condition at the beginning or at the end of the loop. Foreach loop is used to traverse the array easily.	3
30	The mysqli_connect function is used to connect Database server from PHP scripting. Give the syntax (or) an example	1½ 1½
31	Intranet is a TCP/IP network with access restricted to members of an organization. (or) Intranet is a private network within an enterprise to share company data and computing resources between the employees.	3
32	The cryptocurrency units are created by the solution of cryptographic tasks called mining. The miners not only generate new monetary units, but also initiate new transactions to the blockchain. The initial value of cryptographic currency is just the cost of consumed electricity. The secondary value is determined by the demand for the cryptocurrency.	3
33	User Defined Function (UDF) in PHP gives a privilege to user to write own specific operation inside of existing program module. Syntax. function functionName() { Custom logic code to be executed }	1½ 1½
Part IV		
34 (A)	Explain any 8 formats from the following RTF Plain Text TIFF BMP DIB GIF JPEG TGA PNG WAV MP3 OGG AIFF WMA RA AVI MPEG	5
(or)		
34 (B)	Explain any 8 tools from the following Pointer Tool Rotating Tool Line Tool Rectangle Tool Ellipse Tool Polygon Tool Hand Tool Text Tool Cropping Tool Constrained Line Tool Rectangle Frame Tool Zoom Tool Ellipse Frame Tool Polygon Frame Tool	5
35 A	Array is a concept that stores more than one value of same data type	2

	(homogeneous) in single array variable.	
	A multidimensional array is an array containing one or more arrays. Multidimensional arrays that are two, three, four, five, or more levels deep. However, arrays more than three levels deep are hard to manage for most people.	2
	An Example	1
	(or)	
35 (B)	The switch statement is used to perform different actions based on different conditions. Switch statements work the same as if statements but they can check for multiple values at a time.	2
	Syntax (or) Example	3
36 (A)	Explain about the functions fopen(), read() , close(), write() & file-put-contents()	1 1 1 1 1
	(or)	
36 (B)	A query is a request for data or information from a database table or combination of tables. An Example like this. <?php \$conn = mysqli_connect("localhost", "username", "password", "mydb"); \$sql_stmt="select * from Students"; \$result = mysqli_query(\$conn, \$sql_stmt); \$rows = mysqli_fetch_array(\$result); foreach(\$rows as \$t) { echo \$t." "; } mysqli_conn(\$conn); ?>	2 3
37 (A)	Physical Layer – Defines electrical & physical specifications Data Link Layer – Guarantees the data transmission from free of errors Network Layer – Determine the path of data packets Transport Layer – Guarantees the data transport successfully Session Layer – Establish session between different networks entities Presentation Layer – Translates data to the next layers Application Layer – Acts has an user interface platform	5
	(or)	
37 (B)	Explain any 5 cables Coaxial Cables, Twisted Pair Cables, Fibre Optics, USB Cables,	5

