

**HSE II YEAR – MARCH/APRIL 2023 – ANSWER KEY****COMPUTER APPLICATIONS**

PART – I

(MAX. MARKS=70)

CHOOSE THE MOST APPROPRIATE ANSWER:

15x1=15

Q.No.	ANSWERS	MARKS
1	c) Web casting	1
2	d) paste board	1
3	a) Relational	1
4	a) PHP	1
5	d) Key value	1
6	d) Bounded loops	1
7	a) Radio button	1
8	a) NEW FIBRE OPTICS	1
9	c) RFID	1
10	a) 63	1
11	a) Fiber optics	1
12	b) Internet based companies	1
13	a) NS2	1
14	b) Pretty Good Privacy	1
15	a) Zoom tool	1

**PART – II**

ANSWER ANY SIX QUESTIONS QUESTION No . 24 IS COMPULSORY  
6x2=12

Q.No.	ANSWERS	MARKS
16	<ul style="list-style-type: none"> <li>The word Multimedia consists of two words “ multi” and “media”.</li> </ul>	1
	<ul style="list-style-type: none"> <li>Multiple forms of media are combined together.</li> <li>It Provides services like communication, presentation and Input / Output interactions of Text, Video, Images, Graphics and Audio.</li> <li>Multimedia technology has brought a lot of changes to computing, entertainment and education.</li> </ul> <p style="text-align: right;"><b>(Any One)</b></p>	1
17	A Text block contains text you type, paste or import.	2
18	<ul style="list-style-type: none"> <li>High Availability</li> <li>High Performance</li> <li>Robust Transactions and support</li> <li>Ease of Management</li> <li>Less Cost</li> </ul> <p style="text-align: center;"><b>(Any Two)</b></p>	2
19	Variable name must always begin with a \$ symbol.	2
20	Form Validation is a process of checking the input data submitted by the user from client machine.	2
21	A significant output of simulation is the trace files.	2
	<p style="text-align: center;">(Or)</p> Trace files can document every incident that happened in the simulation.	
22	Wi-Fi : <ul style="list-style-type: none"> <li>It provides connection to Internet.</li> <li>Flexibility of LAN.</li> <li>Ensures Connectivity.</li> <li>It allows remote places to benefit from connectivity.</li> <li>Low cost, high benefits.</li> </ul> <p style="text-align: right;"><b>(Any Two)</b></p>	2

23	<ul style="list-style-type: none"> <li>• URL – Uniform Resource Locator</li> <li>• It is the address of a document on the Internet.</li> </ul>	2
24	<p>Network at home were connected in two ways</p> <ul style="list-style-type: none"> <li>• Wired Network</li> <li>• Wireless Network</li> </ul> <p style="text-align: right;"><b>(Compulsory Question)</b></p>	2

### PART- III

ANSWER ANY SIX QUESTIONS QUESTION No . 33 IS COMPULSORY

6x3=18

Q.No.	ANSWERS	MARKS
25	<ul style="list-style-type: none"> <li>• Any text or object that you place on the master page will appear on all the document pages to which the master is applied.</li> <li>• Master pages commonly contain repeating logos, page numbers, headers and footer.</li> </ul>	3
26	<ul style="list-style-type: none"> <li>• Asymmetric key encryption is also known as public key encryption.</li> <li>• It uses public key authentication and digital signatures.</li> <li>• Different keys are used for encryption and decryption.</li> <li>• Speed of encryption or decryption is comparatively slow.</li> <li>• The size of cipher text is always greater than plain text.</li> </ul> <p style="text-align: right;"><b>(Any Three)</b></p>	3
27	<p>File handling functions</p> <ol style="list-style-type: none"> <li>1. fopen ( ) – PHP open a file.</li> <li>2. fread( ) – PHP read a file.</li> <li>3. fclose( ) – PHP close a file.</li> </ol>	3
28	<ul style="list-style-type: none"> <li>• Wasting the precious time on internet surfing, searching unwanted things.</li> <li>• Unnecessary wrong informations are sometimes posted by some people on their web pages, blog etc.,</li> <li>• Different types of thefts related to money and other valuable can take place through internet as hackers and viruses are always active around.</li> </ul>	3

29	1.HTTP – Hyper Text Transfer Protocol It is used between a web client and a web server and it guarantees non–secure data transmissions.	1						
	2. HTTPS – Hyper Text Transfer Protocol Secure It is used between a web client and a web server ensures secure data transmission.	1						
	3.FTP – File Transfer Protocol It is used between computers for sending and receiving files.	1						
30	<ul style="list-style-type: none"> <li>In B2C E-Commerce, Commercial transactions takes place between business firms and their consumers.</li> <li>It is the direct trade between companies and end–consumers via the internet. An example of B2C transaction is a book company selling books to customers. (Or any related example)</li> </ul>	3						
31	<table border="1"> <thead> <tr> <th>Absolute URL</th> <th>Relative URL</th> </tr> </thead> <tbody> <tr> <td>Absolute URL is the complete address of a document on the internet.</td> <td>It is the partial address of a document on the internet.</td> </tr> <tr> <td>It contains all the information that are required to find files on the internet.</td> <td>It contains only file name or file name with folder name.</td> </tr> </tbody> </table>	Absolute URL	Relative URL	Absolute URL is the complete address of a document on the internet.	It is the partial address of a document on the internet.	It contains all the information that are required to find files on the internet.	It contains only file name or file name with folder name.	3
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It contains all the information that are required to find files on the internet.	It contains only file name or file name with folder name.							
32	<ul style="list-style-type: none"> <li>In ER Mode, relationship exists between two entities.</li> </ul>	1						
	<ul style="list-style-type: none"> <li>Types of relationship           <ol style="list-style-type: none"> <li>One to One relationship</li> <li>One to Many relationship</li> <li>Many to Many relationship</li> </ol> </li> </ul>	2						
33	<u>Output :</u>  <b>75</b> (Compulsory Question)	3						

**PART- IV**

ANSWER ALL THE QUESTIONS

5x5=25

Q.No.	ANSWERS	MARKS
<b>34</b> <b>(a)</b>	Multimedia Production Team: <ol style="list-style-type: none"> <li>1. Production Manager</li> <li>2. Content Specialist</li> <li>3. Script Writer</li> <li>4. Text Editor</li> <li>5. Multimedia Architect</li> <li>6. Computer Graphic Artist</li> <li>7. Audio and video specialist</li> <li>8. Computer Programmer</li> <li>9. Web Master</li> </ol> <p style="text-align: right;"><b>(Explain any five)</b></p> <p style="text-align: center;"><b>(OR)</b></p>	<b>5</b>
<b>34</b> <b>(b)</b>	Advantages of EDI <ol style="list-style-type: none"> <li>1. Improving service to end users.</li> <li>2. Increasing Productivity.</li> <li>3. Minimizing Errors.</li> <li>4. Slashing response times.</li> <li>5. Automation of operations</li> <li>6. Cutting costs</li> <li>7. Integrating all business and trading partners.</li> <li>8. Providing information on process status.</li> <li>9. Optimizing financial ratios</li> </ol>	<b>5</b>
<b>35</b> <b>(a)</b>	Tools in Pagemaker Tool box <ol style="list-style-type: none"> <li>1. Pointer Tool</li> <li>2. Text Tool</li> <li>3. Rotating Tool</li> <li>4. Cropping Tool</li> <li>5. Line Tool</li> <li>6. Constrained line Tool</li> <li>7. Rectangle Tool</li> <li>8. Rectangle Frame Tool</li> <li>9. Ellipse Tool</li> <li>10. Ellipse Frame Tool</li> <li>11. Polygon Tool</li> <li>12. Polygon Frame Tool</li> <li>13. Hand Tool</li> <li>14. Zoom Tool</li> </ol> <p style="text-align: right;"><b>(Explain any 10)</b></p> <p style="text-align: center;"><b>(OR)</b></p>	<b>5</b>



<p><b>37</b> <b>(b)</b></p>	<p>(i) Internet:</p> <ul style="list-style-type: none"> <li>• The Internet, “ the Net” is a worldwide system of computer networks.</li> <li>• A network of networks where the users at any one computer can, if they have permission, get information from any other computer.</li> <li>• The internet is a network of global connections comprising private, public, business, academic and government networks.</li> </ul> <p><b>(any two)</b></p> <p>(ii) Intranet:</p> <ul style="list-style-type: none"> <li>• It is a private network with an enterprise to share company data and computing resources between the employees.</li> <li>• It may consists of many interlinked local area networks.</li> </ul> <p>(iii) Extranet:</p> <ul style="list-style-type: none"> <li>• It is a private network that uses Internet Technology and the public telecommunication system to securely share business information with suppliers, vendors, partners, customers or other business.</li> </ul>	<p style="text-align: center;"><b>2</b></p> <p style="text-align: center;"><b>2</b></p> <p style="text-align: center;"><b>1</b></p>
<p><b>38</b> <b>(a)</b></p>	<p><u>Output:</u> The Student is eligible for promotion</p> <p style="text-align: center;"><b>(OR)</b></p>	<p style="text-align: center;"><b>5</b></p>
<p><b>38</b> <b>(b)</b></p>	<p><u>Credit Card:</u> Credit card is an electronic payment system used for retail transactions.</p> <p><u>Key Players:</u></p> <ul style="list-style-type: none"> <li>• Bearer</li> <li>• Merchant</li> <li>• Acquirer</li> <li>• Credit card network</li> <li>• Issuer</li> </ul> <p style="text-align: right;"><b>(Explain any Two)</b></p> <p><u>Merits:</u></p> <ul style="list-style-type: none"> <li>• Credit cards are accepted worldwide.</li> <li>• Not necessary to pay at the time of purchase.</li> <li>• Customers can get an extra period to pay the purchase.</li> <li>• Allow purchases over the internet in installments.</li> </ul> <p style="text-align: right;"><b>(Any Two)</b></p>	<p style="text-align: center;"><b>1</b></p> <p style="text-align: center;"><b>2</b></p> <p style="text-align: center;"><b>2</b></p>