DIRECTORATE OF GOVERNMENT EXAMINATIONS, CHENNAI – 6
HSE (FIRST YEAR) EXAMINATION, MARCH-2025
COMPUTER APPLICATIONS ANSWER KEY - ENGLISH MEDIUM

Note :

1. Only answers written in Blue (or) Black ink should be evaluated
2. Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer.

Maximum Marks : 70

PART – I

Answer All the Questions :   **15×1=15**

Q.No.	Option Code	Answer	Mark
1	a	Power on Self Test	1
2	b	Tera	1
3	c	VGA Connector	1
4	a	System Software	1
5	b	Ctrl+Home	1
6	a	VisiCalc	1
7	b	.odp	1
8	d	Apple	1
9	b	 	1
10	a	<dh>	1
11	a	Img	1
12	b	152	1
13	b	Alert dialog box	1
14	c	Break	1
15	b	Ezhil	1

PART – II

Answer any six questions. Question No. 24 is compulsory   **6×2=12**

Q.No	Answer	Marks
16	<table><tr><th>Data</th><th>Information</th></tr><tr><td>Data is an unprocessed collection of raw facts.</td><td>Information is a collection of facts from which conclusions may be drawn</td></tr></table>	2
17	Ultraviolet rays are used to erase the content of a EPROM	2
18	A Software is set of instructions that perform specific task. 　　1. Application software 　　2. System software	1 1
19	Cell pointer is a rectangle box which can be moved around the worksheet.	2
20	Normal view is the main view for creating individual slides. Use this view to format and design slides and to add text, graphics and animation effects.	1 1
21	<link rel="stylesheet" type= "text/css" href= CSS_File_Name_with Extension>	2

22	function function-name(parameters list)
	{
	Body of the function
	}
		2

23	First coding system to handle Tamil Language.	2
24	11100111_2	2

Part – III

Answer any six question, Question No. 33 is compulsory   **6×3=18**

Q.No.	Answer	Marks
25	Monitor, Printer, Plotter , Speakers, Multimedia Projector **(Any 3)**	3
26	8-bit microprocessor, 16-bit microprocessor, 32-bit microprocessor 64-bit microprocessor	3
27	<table><tr><th>Moving</th><th>Copying</th></tr><tr><td>• Moving means removing the selected text/file/folder from the source place to the destination place.</td><td>• Copying means making a duplicate copy of the selected text/file/folder to the destination place.</td></tr><tr><td>• Edit -> Cut / Ctrl + X • Edit -> Paste / Ctrl + V</td><td>• Edit -> Copy / Ctrl + C • Edit -> Paste / Ctrl + V</td></tr></table>	1 2
28	1. Place the insertion point in the required place and right click the mouse 2. Choose Row -> Insert command to insert new row(s). 3. Choose Column -> Insert command to insert new column(s).	1 1 1
29	Unix, Microsoft windows, linux, iOS, Android **(Any 3)**	3
30	**bgcolor**- Used to change the background color of the web browser **text**-Used to change the color of the body text in the web document. **background-** used to add an image as the background to a webpage **leftmargin and topmargin**- Used to set the left top edge of the browser window. **(Any 3)**	3
31	**<marquee>tag** is used to scroll a text horizontally or vertically. **General Format** : <marquee> text to be scrolled </marquee> **Any one example**	1 1 1
32	In java script there are times when the same portion of code needs to be executed many times with slightly different values called as loops. They are, 1. for loop, 2. while loop 3. do…while loop	2 1
33	**Error** **(Or)** **you are eligible to get Driving licence**	3

PART – IV

Answer all Questions   **5×5=25**

Q.No.	Answer	Marks
34 (a)		2
	And explain the parts of the above diagram	3
	(OR)	
34 (b)	Windows 1.x - 1985 Windows 2.x - 1987 Windows 3.x - 1992 Windows 95 - 1995 Windows 98 - 1998 Windows NT Windows Me 2000 Windows 2000 - 2000 Windows XP - 2001 Windows Vista - 2006 Windows 7 - 2009 Windows 8 - 2012 Windows 10 - 2015 **Any 5 Explanation**	5

35 (a)	Malware Harvesting Spam Software piracy Hacking Cracking **Any 5 Explanation**	5
	(OR)	
35 (b)	1. Select the required number of cells to generate the series 2. Choose Edit -> Fill -> Series command to get Fill Series dialog box -------> 3. Set the Direction as 'Down'. 4. Set the Series Type as 'Growth'. 5. Type 5 in 'Start Value'. 6. Type 2560 in 'End Value'. 7. Type 2 in 'Increment' 8. Click 'Ok' to generate the required series.	1 4

36 (a)	```
	<html>
	<head>
	<script language="javascript" type="text/javascript">
	for (var n=1;n<=10;n++)
	{
	    document.write(n + " ");
	}
	</script>
	</head>
	</html>
	``
	
	(or)
	Any suitable java script code using any one loop)
		5

	(OR)	

36 (b)	1. Using the Rulers 2. Using the page style dialog box	1

	Changing page margins- Using Ruler
	    1. The shaded sections of the rulers are the margins.
	    2. Hold the mouse pointer over the line between the gray and white sections
	    3. The mouse pointer turns into a double headed arrow
	    4. Hold down the left mouse button and drag the mouse to move the margin and release it at the required point
		2

	Using the page style dialog box.
	    1. Right click anywhere on the page and select page from the popup menu and select page tab of page style dialog box
	    2. In the Margins group, specify the values for left, right, and bottom margins.
	    3. Click ok button.
		2

37 (a)	A Microprocessor's performance depends on the following characteristics:
	
	    ✓ Clock speed
	    ✓ Instruction set
	    ✓ Word size
		2

	Clock Speed Every microprocessor has an internal clock that regulates the speed at which it executes instructions.	1
	Instruction Set Basic set of machine level instructions that a microprocessor is designed to execute is called as an instruction set.	1
	Word Size The number of bits that can be processed by a processor in a single instruction is called its word size.	1
(OR)		

37 (b)	1. Don't give out your personal information	5
	2. What goes online, stays online	
	3. Check your security and privacy settings	
	4. Password safety	
	5. Always protect your mobile device	
	6. Don't talk to strangers online or offline	
	7. Listen to the adults who are known to you	
	8. Be wary of unsecured or unknown websites	
	9. Be careful what links you click on	
	(Any 5 of the above)	

38 (a)	Relational operators also called as Comparison operators. It is used to compare 2 values. It returns true or false value. Relational Operators are <, <=, >, >=, !=, ==.	3

Relational Operator	Meaning	Example	Result
Assume x=10 and y=20			
==	Equality	x==y	False
!=	In-equality	x!=y	True
<	Less than	x<y	True
>	Greater than	x>y	False
<=	Less than or equal to	x<=y	Ture
>=	Greater than or equal to	x>=y	False
(or)			
Any suitable example			

(Note: mark "2" appears in rightmost column beside this table)

(OR)

| 38 (b) | ```html
<html>
<body>
<table border=1>
<tr>
  <th>Class </th>
  <th>Boys </th>
  <th>Girls </th>
</tr>
<tr>
  <td> VI</td>
  <td> 150 </td>
  <td> 165  </td>
</tr>
<tr>
  <td> VII </td>
  <td> 146 </td>
  <td> 151  </td>
</tr>
</table>
</body>
</html>
``` | 5 |