Tsl11CA

Standard 11
COMPUTER APPLICATIONS

Time Allowed: 3.00 Hours   Maximum Marks: 70

Part - I

Answer all the questions.   15 × 1 = 15

Choose the correct answer from the alternatively and write the option code with the answer:

1) Which generation of computer used ICs?
   a) Third   b) First   c) Fourth   d) Second

2) Commercial programs made available to the public illegally are known as
   a) free software   b) freeware   c) software   d) warez

3) From the options given below, choose the operations managed by the operating system.
   a) Process   b) I/o devices   c) Memory   d) All of the above

4) The shortcut key used to rename a file in windows
   a) F5   b) F2   c) F6   d) F4

5) Which is displayed at the top part of the window?
   a) Title bar   b) Menu bar   c) Formula bar   d) Tool bar

6) What is the expansion of WLAN?
   a) Wired Local Area Netware   b) Wireless Local Area Network
   c) Wired Local Area Network   d) Wireless Local Area Netware

7) Which of the following is a CISC processor?
   a) Pentium IV   b) Intel 96   c) AMD K6   d) Pentium III

8) An HTML document is bounded within a pair of _____ tags.
   a) <head>........</head>   b) <body>........</body>
   c) <title>........</title>   d) <html>........</html>

9) Which of the following tags are called as PHYSICAL STYLE tag?
   a) <b>, <i>, <u>   b) <html>, <b>,
   c) <b>, <br>, <u>   d) <A>, <b>, <i>

10) Which image format was standardized by W3C?
    a) PNG   b) JPEG   c) SVG   d) GIF

11) The extension of css file is
    a) .csc   b) .htm   c) .ssc   d) .css

12) The file reload into the browser uses the shortcut key
    a) F4   b) F5   c) F2   d) F3

13) What will be the output for the following snippet?
```
for(var a=0; a<15; a++)
    { if (a==4) {break; } .
    document.write (a+ "<br>"); }
```
    a) 0 1 2 3 4   b) 0 1   c) 0 1 2   d) 0 1 2 3

14) Predefined functions are also called as:
    a) Instructions   b) Commands
    c) Library functions   d) Storage functions

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15) Which one of the following are self-repeating and do not require a computer program to attach themselves?

a) Spyware   b) Trojans   c) Viruses   d) Worms

Part - II

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

16) Which source is used to erase the content of a EPROM?
17) What is a GUI?
18) How do you insert pictures into your document?
19) What is an auto text in writer?
20) What is a cell pointer?
21) What is the purpose of <input> tag?
22) Write down general format of css declaration.
23) Write a note on library functions.
24) Convert $(65)_{10}$ into its equivalent binary number.

Part - III

Answer any six questions. Question No. 33 is compulsory: 6×3=18

25) Name the three output devices explain one of them.
26) Write a note on the elements of a window.
27) What is the different ways to save a document?
28) Differentiate website and webpage.
29) Explain the attributes of <hr> tag.
30) What is the difference between moving and copying text?
31) Explain the attributes of <select> and <option> tags.
32) Write note on string operator.
33) Write a syntax for 'if' statement.

Part - IV

Answer all questions: 5×5=25

34) a) Explain the types of ROM. (OR)
    b) Explain various heading level tags in HTML.
35) a) Discuss the various generation of computers.
                 (OR)
    b) Explain any five types of internet services.
36) a) i) What is an User Interface?
       ii) List out the points to be noted while creating a user interface for an operating system.   (OR)
    b) Explain the types of list with suitable HTML code.
37) a) Write the steps to find and replace a word with another word in open office writer.   (OR)
    b) Explain about the pop up dialog boxes in Javascript.
38) a) Write the steps to generate the following series 5, 10, 20, ...2560
                 (OR)
    b) Explain switch case statement with example.

Tenkasi District
First Revision Test - 2024
XI Computer Applications - Answer Key
Part - 1

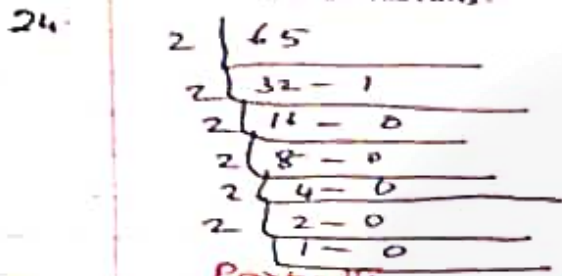| GNO	OPTION	ANSWER
1.	a	Third
2.	d	warez
3.	d	all of the above
4.	b	F2
5.	a	Title bar
6.	b	Wireless Local Area Network
7.	d	Pentium III
8.	d	<html> ..... </html>
9.	a	<b>, <i>, <u>
10.	c	SVG
11.	d	. CSS
12.	b	F5
13.	d	0 1 2 3
14.	c	library functions
15.	d	worms.

Part - II

16. Ultraviolet rays is used to erase the content of a EPROM. [- 2mark]

17. GUI is a window based system with a pointing device to direct I/o, choose from menu, make selections and a keyboard to enter text. Its vibrant colours attract the user very easily. [- 2marks]

18. * select Insert → picture → From file.
* The Insert picture dialog box appears where the picture gallery opens from which the desired picture can be selected
* Click on the open button [- 2marks]

20. cell pointer is a rectangle box which can be moved around the worksheet [- 2marks]

19. Auto text allows you to assign text, tables, graphics and other items to a key or key combination. [- 2marks]

21. The <input> is an empty tag used to create different form elements or controls such as Textbox, Radio buttons and so on.   (— 2 marks)

22. Selector   Declaration
    Tag   {property : values}   (— 2 marks)

23. Predefined functions are already defined in the Java script library which are also called library functions.   (— 2 marks)

24.
```
2 | 65
  2 | 32 - 1
    2 | 16 - 0
      2 | 8 - 0
        2 | 4 - 0
          2 | 2 - 0
            | 1 - 0
```
    Part-III

$(65)_{10} = (1000001)_2$ (— 2 marks)

25. 1. Monitors   3. Printers   5. multimedia projectors.
    2. Plotter   4. Speakers   (write any 3) 1 1/2 marks
       Explain   any one   — 1 1/2 marks

26. * Title bar   * Work Place   * Scroll bars
    * menu bar   * Corners & borders   — with Explanation (—3 marks)

27. Click File → Save (or) File → Save as (or) ctrl + s
    Select location to share your document
       Type your document name.
         Click Save button   (— 3 marks)

28.
    webpage   website
    1. Consists of a single document   1. A collection of multiple documents
       displayed by browser   displayable by a browser.
    2. Shares a unique domain   2. Has its own unique domain name
       name   Contains one or more webpages
    3. Makes up a website
           (OR) any 3 difference.   (— 3 marks)

29. size, width, no shade, color.
    (OR) <hr size = value width=value noshade, Color=color name >
                   Code > (explanation)   (— 3 marks)

30.
    moving text   copying text
    1. To move a text from   To copy a text from
       one location to another   one location to
                                          another

2. Select the text to be moved.

3. Shortcut Key: Ctrl+X (or)
   Cut Icon (or)
   Edit → ~~Copy~~ Cut

4. The Text is removed from source location & Placed In the clip board.

5. Take the inserthtion pointer to the new location to be moved.

Select the text to be copied.

Short Cut Key : Ctrl+C.
Copy Icon (or)
Edit → Copy

A duplicate copy of the text is made and send to the clip board.

Take the insertion pointer to the new location to be copied.

(any 3 points)   – 3 marks

31. Attributes of <select> Tag

Name:
   Provide the name to the control, which is Sent to the server.

Size:
   Determine the style of drop down list
   Size=1 drop down list box
   Size =2 list box.

multiple:
   Allows user to select multiple values.

Attribute of <option> tag:
Selected + Indicate default selection
Value — value to be submitted jo Server.

~~30.~~
32.   × + operator which is also called as the string concatenation operator.
   × Because ~~of~~ String Concatenation has precedence over numeric addition + will be inter preted as String Concatenation if any of the operands are strings.

~~4~~
33.   if (condition)
      {
      true block;

[3 TNPL]

Part - IV

34) a)   1. Programmable Read only memory (PROM)
         2. Erasable "   "   "   (EPROM)
         3. Electrically "   "   "   " (EEPROM) — 2 marks
         Brief explanation of the above. — 3 marks

b)   * Headings are used to include titles to section
         of a webpage.
      * HTML has six levels of headings viz <h1> to
         <h6>
      Header tags are display the text a bolder
      and larger in size according to its level —2marks
      Syntax:
         <h...> Heading text </h>
      Any Example   — 2marks   — 5marks

35) a)   First generation — Vaccum tubes — 1940 - 1956
         Second "   — Transistors — 1956 - 1964
         Third "   — IC   1964 - 1971
         Fourth "   — micro process — 1971 - 1980
                    (VLSI)
         fifth "   — VLSI   1980 — till date.
         sixth "   — Intuitive   — 2 marks
                    Robotics
         (merits / Demerits of Six generations)
                                      3 marks

b)   1. wireless   5 DSL   9 dongles / Datacard
         2. mobile   6 cable
         3. hotspots   7. Satellite
         4. Broad band   8. ISDN
         (Explain any five)   —5marks

36) a) i) x user interface is one of significant features in operating sys
         The only way that user can make interaction with
         a computer. This is a main reason for key success
         of (GUI) based operating system   — 2marks
    ii) 1 Enable the user to retain this expertise for a longer time
         2 Satisfy the customer based on their needs
         3 Save user's Precioustime.
         4. to satisfy the customer
         5. reduce number of errors   Committal by user.

36) b) HTML Supports three types of lists

× Numbered list (or) ordered list
× un " " (or) un " "
× Definition list   — 2marks

Explanation with example — 3marks

37) a) 1. Click Edit → Find replace (or) ctrl F
The find & replace dialog box appears
2. Type the text you want to find in
the search for box. To replace the text
with different text, type the new text in
the Replace with box
3. click Find button, to start the search
the found word is highlighted. To replace toll;
click Replace button. The high lighted word
is replaced with the word given in the
Replace with box
4. Click Find All, writer selects all
instances of the search text in the
document click Replace all button, writer
replaces all matches
5. Enable Match case to perform
the search case sensitively so that
upper case and lower cases are distinguished
separately. Enable whole words only
to make the search more specific
to words.
                                    — 5marks

b) Java Script Supports three kinds of
popup dialog boxes
    × Alert box
    × Confirm box
    × Prompt box   — 1 mark
    Explaination of the above — 4 marks

3(b)(a) 1) select cells from A1 to A15
2) click Edit → fill → series — fillSeries
dialog box appears.
3) select the following values
Direction : Down
Series type : Growth
Start value : 5
Fnd value : 2560
Increment : 2
4) finally click 'OK'
5) Now, the given series of the values
appeared on the worksheet

[—5marks]

(b) * Switch statement is an alternate to if-else
structure

* Especially useful when testing an integer
results of an expression.

[—2marks].

Syntax:-
Switch (expression)
{
Case label 1:
Statements;
break;

Case label n :
Statements;
break;
default:
Statements;
}

[—2marks]

write any suitable example [1mark]

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