

Grade 08

Third Term Test - 2024

80 E I,II

Name : INFORMATION & COMMUNICATION TECHNOLOGY Time : 01.1/2 hours

☐ Answer all questions

PART 1

- The binary equivalent of the decimal number 54_{10} is
 - 110000_2
 - 100110_2
 - 110110_2
 - 110100_2
- The decimal equivalent of the binary number 1011_2 is,
 - 13
 - 12
 - 17
 - 11
- Not an Application software,
 - Operating System
 - Word Processing Software
 - Web browser
 - Spreadsheet software
- The port which is used to connect Network Interface Card (NIC) with the computer is,
 - PS2 port
 - USB port
 - VGA port
 - RJ45 port
- Not a property of a computer file,
 - File colour
 - File Size
 - File extension
 - File name
- Which of the following is not an important in setting computer date and time?
 - To install software
 - To update software
 - To update Operating system
 - To insert data to the computerized document
- If the steps are carried out one after the other from the beginning to the end of an algorithm can be defined as
 - Sequence
 - Selection
 - Repetition
 - Selection
- Which of the following is not a computer hardware?
 - Monitor
 - Operating System
 - Mouse
 - Keyboard
- Not a search engine
 - Google
 - Yahoo
 - Ask
 - Dp education
- The command used to save an already saved document with a different name is ,
 - Cut
 - Save
 - Copy
 - Save as

(Marks 3×10)

Part II

1. Fill in the blanks using most suitable terms from the given terms.

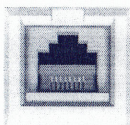
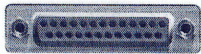
(Google Chrome, Keyboard, disconnect the power supply, sequence, mouse, base)

- I. and do not functioning properly are hardware problems.
- II. In checking the all connected cables to the computer, first
.....
- III. is a control structure used in algorithms.
- IV. The number of symbols in the particular number system represented by
- V. is a web browser.

(3×5 =15 marks)

2. Match the A and B columns related to the computer ports.

Column A



Column B

RJ45 Port

HDMI Port

VGA Port

USB Port

Parallel Port

(3×5 =15 Marks)

3. Answer the following questions.

I. What do you mean by "Computer Software"?

.....
.....
.....

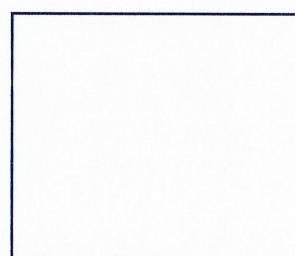
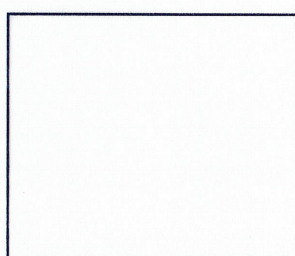
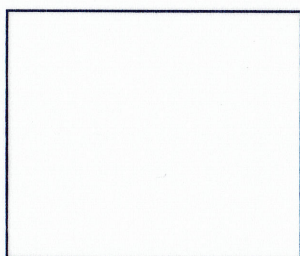
(2 Marks)

II. Write 4 attributes of the file.

.....
.....

(4 Marks)

III. Draw and name the 3 basic logic gates.



.....

(9 Marks)

IV. Write the input, process and the output of the following problem.

☐ **Calculating the area of the classroom** (Area= length*breadth)

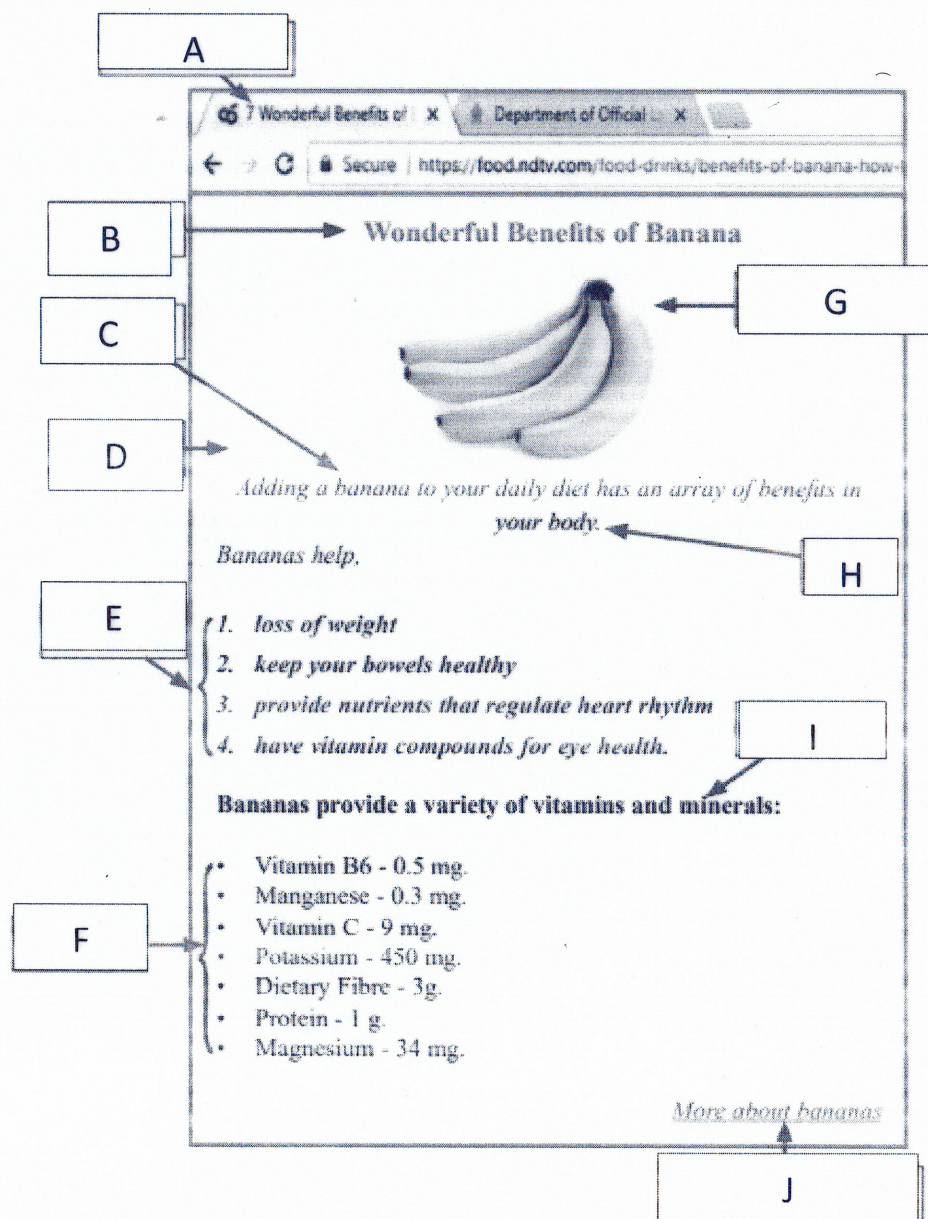
Input :

Process:

Output:

(5 Marks)

4. Select and write the correct tags from the brackets which are used to create the given web page.(`<a href="...">...</a>`, `<b>...</b>`, `<br>`, ``, `<i>...</i>`, `<title>...</title>`, `<p>`, `<ol>...</ol>`, `<ul>...</ul>`)



- A.
 B.
 C.
 D.
 E.

- F.
 G.
 H.
 I.
 J.

(20 marks)

Answer

Part I

01.3 02.4 03.1 04.4 05.1 06.4 07.1 08.2 09.4 10.4

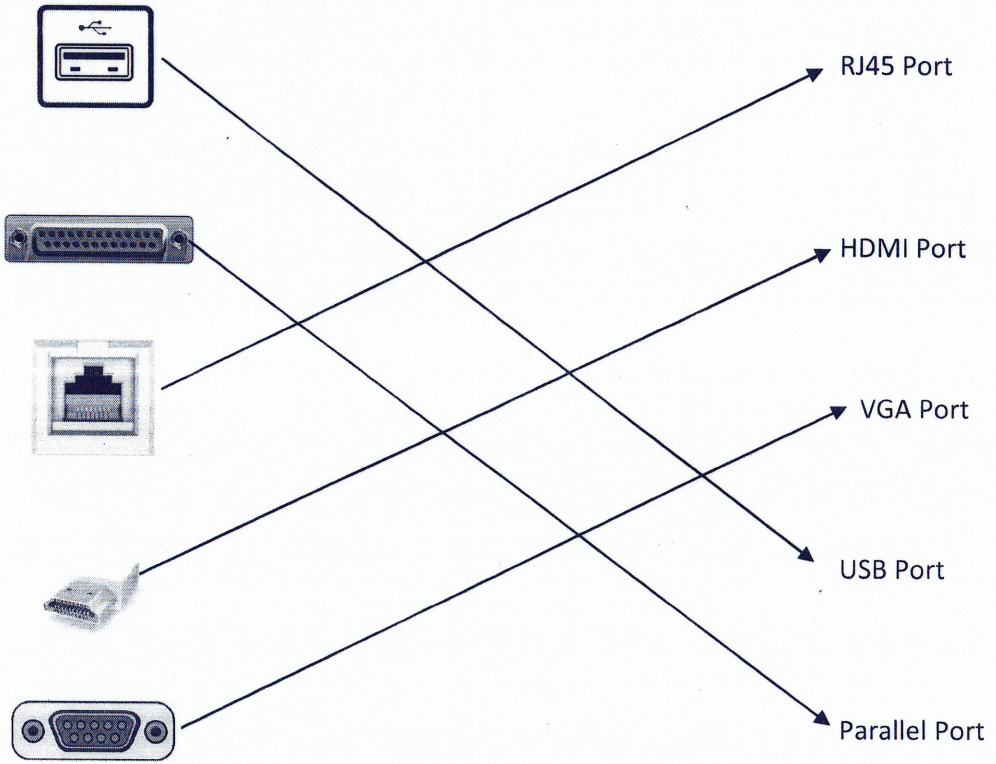
(Marks 3×10 =30)

Part II

01.

- | | | |
|---------------------|--------------------------------|-----------------|
| 1. Keyboard & Mouse | 2. Disconnect the power supply | 3.Sequence |
| 4. Base | 5. Google Chrome | (Marks 3×5 =15) |

02.



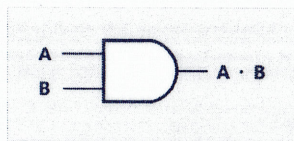
(Marks 3×5 =15)

03.

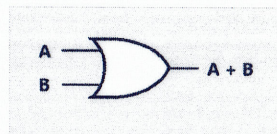
- I. Computer virus is a malicious code which harms the computer system, destroys data and has the ability to replicate itself. (2 Marks)

- II. File extension, file size, the place file stored, created date, last modified date....etc
(4 marks)

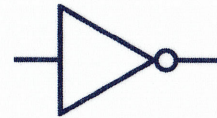
III.



AND



OR



NOT

(9 marks)

- IV. Input : length, width
Process: length*width
Output: Area

(5 marks)

04.

- | | |
|-----------------------|----------------------------|
| A. <title>...</title> | F. ... |
| B. <h>...</h> | G. |
| C. <i>...</i> | H.
 |
| D. <p> | I. ... |
| E. ... | J. ... , |

(20 Marks)