



## Zonal Education Office, Vadamaradchy

### Third Term Examination – 2019

### Information and Communication Technology


Grade - 08

Time – 2 hours

- Which output device is given computer processing data?
  - 1) System unit
  - 2) Microphone
  - 3) Keyboard
  - 4) Multimedia Projector
- Which technology is used in 4<sup>th</sup> generation computer?
  - 1) Vacuum tube
  - 2) Transistor
  - 3) Microchip
  - 4) Integrated Circuit
- Which device is a magnetic storage device?
  - 1) Hard disk
  - 2) Flash memory
  - 3) CD
  - 4) Memory card
- Which port is used to connect smart devices?
  - 1) VGA port
  - 2) RJ 45
  - 3) Micro USB
  - 4) PS/2
- Which of the following is an example for simple hardware problem?
  - 1) Operating system does not work
  - 2) Mouse does not work
  - 3) Takes longer time to start
  - 4) main memory contains less memory
- You cannot open the spread sheet up in your computer. The reason may be?**
  - 1) An active virus
  - 2) Corrupted spreadsheet software
  - 3) Expiry of trail period
  - 4) Due to one of the reason given below
- A is 60 years old and B is 39 years old. Which of the following answer is suitable for the age difference between A and B ?
  - 1) 10101<sub>2</sub>
  - 2) 10100<sub>2</sub>
  - 3) 10001<sub>2</sub>
  - 4) 11110<sub>2</sub>
- The decimal value of 1011011<sub>2</sub> is .....?
  - 1) 44
  - 2) 45
  - 3) 89
  - 4) 25

9. Which shortcut key is used to select content of all word processing documents?

- 1) Ctrl+S
- 2) Ctrl+Z
- 3) Ctrl+A
- 4) Ctrl+P

10.  The tool is used for ..... in Word Processing Software.?

- 1) Change the Font face
- 2) Selected text bold
- 3) Spelling and Grammar Check
- 4) Change the font size

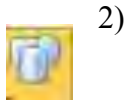
11. Which tool is used to insert shape in Word?



3)  1)



3) h

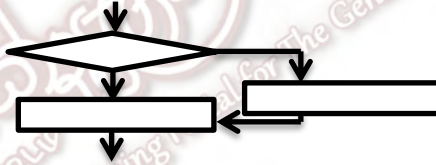


2)

4) 4)

12. Which control structure is mentioned the following flowchart?

- 1) Sequence
- 2) Selection
- 3) Repetition
- 4) Random



13. Which statement is given the **true** output?

1)



3)



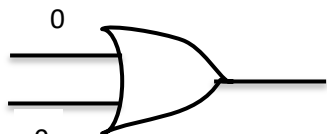
4)



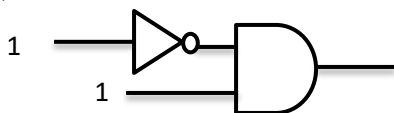
2)

14. Which logic gate is indicated the output of 1?

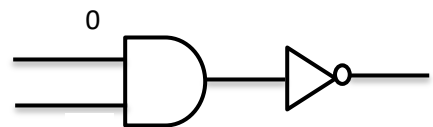
1)



2)



3)



4)



15. Which logic gate is suitable for the following truth table?

- 1) AND
- 2) OR
- 3) NOT
- 4) NOR

A	B	C
0	0	0
0	1	1
1	0	1
1	1	1

16. Which of the following is not a search engine?

- 1) Chrome
- 2) Google
- 3) Yahoo
- 4) Bing

17. .... tag is used for image?

- 1) <h1>
- 2) <br>
- 3) <img src>
- 4) < image>

18. The output of the following coding is .....?



- 1) -5
- 2) 5
- 3) 15
- 4) 0

19. Which block contains colours and instruments that is used to draw the lines and shapes in scratch programming stage?

- 1) Motion
- 2) Sound
- 3) Pen
- 4) sensing

20. Which html tag is used for following the output?

- Bambarakanda Ella
- Diyaluma Waterfall
- Dunhinda waterfall

- 1) <ol>
- 2) <i>
- 3) <ul>
- 4) <p>

(20 x 2 = 40 Marks)

## Part II

**Answer the first question and any other two questions..**

1.

i) Flow of binary data in a computer given below. Select appropriate English letter for computer system.

- a) Data processing by system Unit
- b) Processing data sent to output
- c) Insert data from digital camera

Input - ..... Processing - ..... Output - .....

ii) Convert the following binary numbers to decimal number. Give the step.

- a)  $101010_2$
- b)  $1101_2$





iii) Convert the following decimal numbers to binary number. Give the step.

- a)  $55_{10}$
- b)  $156_{10}$

iv) Give the file name and file extension of the following.

**“my presentation.ppt”**

v) Select suitable name in column A from column B.

	A	B
1		USB
2		Micro USB
3		RJ45
4		Parallel

vi) Give the number of columns, rows and cells in word processing table.


Column - .....

Row - .....

Cell - .....

vii) What are the control structures used in flow chart?

- viii) Give two examples for smart devices.
- ix) Write the three basic logic gates and draw them.
- x) Select the suitable answer from the bracket.
  - a) <body>
  - b) <i>
  - c) <br>
  - d) <b>

(Bold, italic, to the content of the web page, line break)

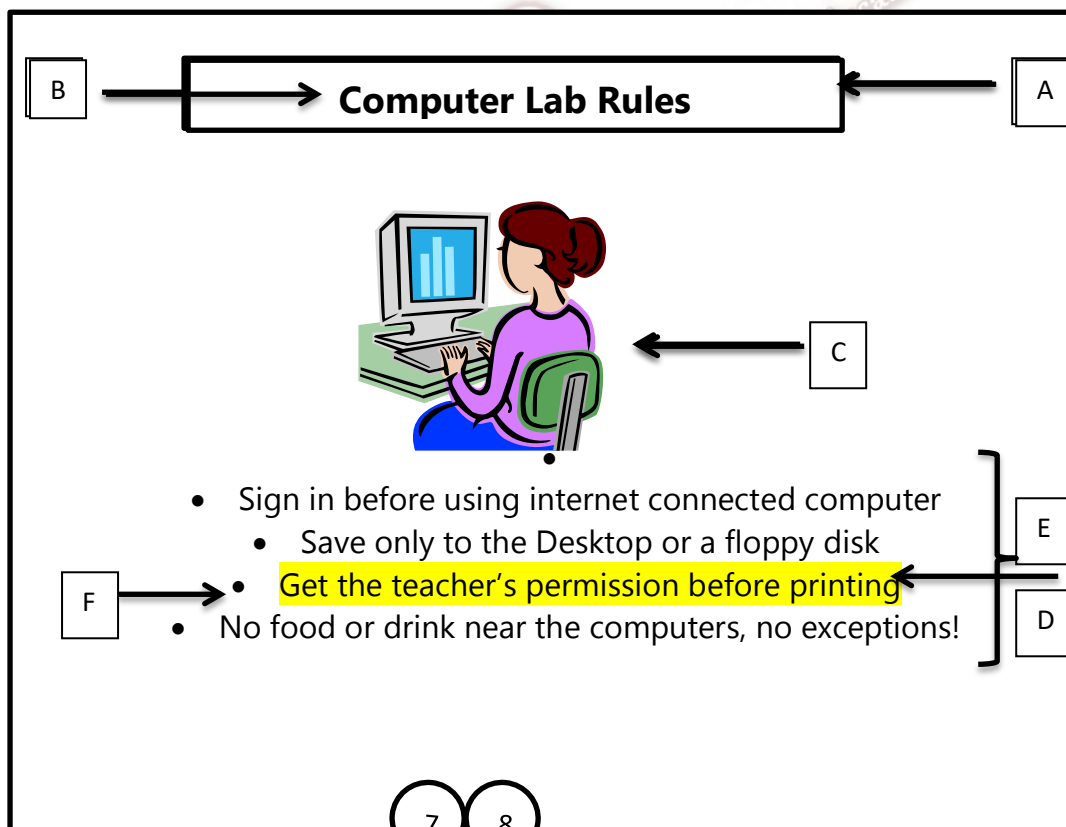
(10x2 = 20 Marks)

2.

- i) Write the four facilities of word processing document.

(4x1 1/2 = 6 Marks)

- ii) The figure showed a poster which was created from word processing software for viewing at laboratory by grade 8 students.



A -----

B -----

C -----

D (Alignment)-----

E -----

F -----

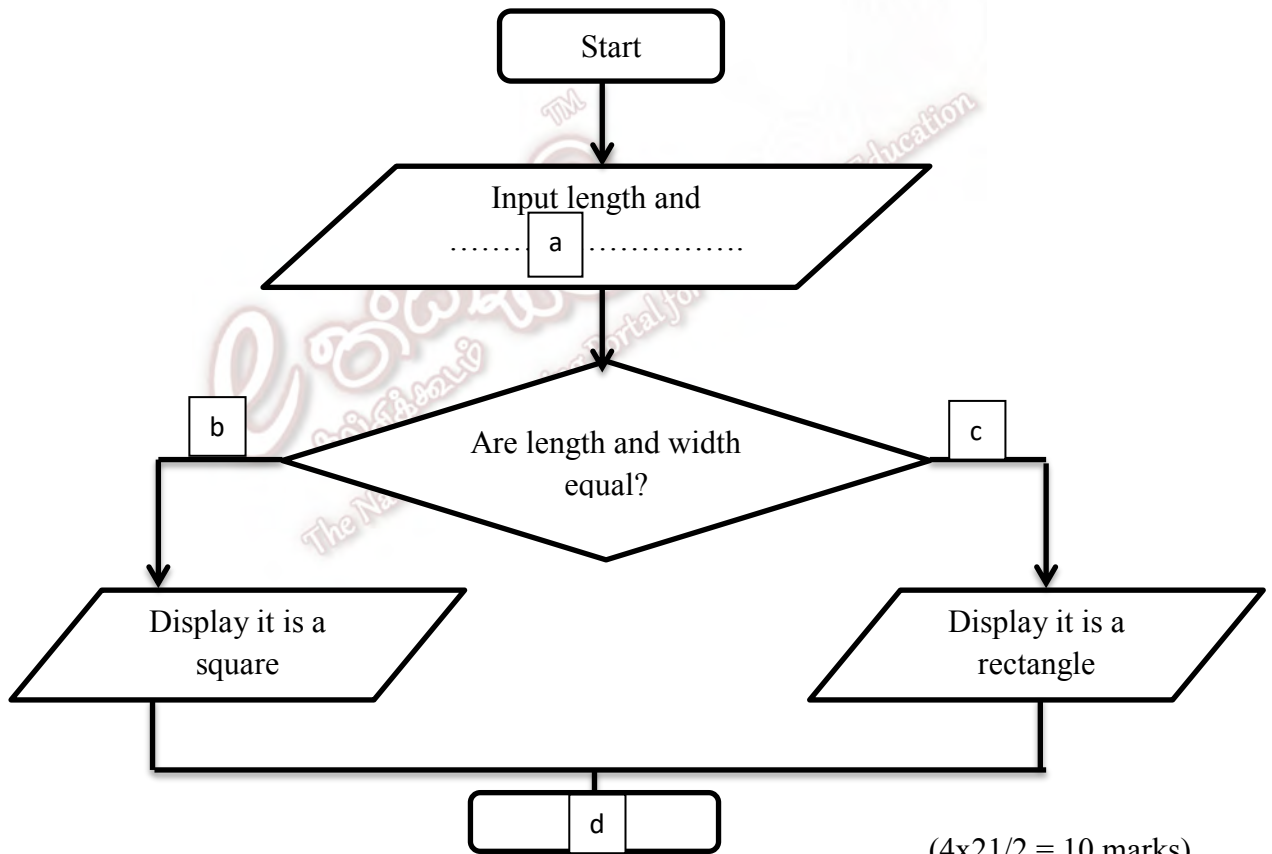
F -----

(7x2 = 14 Marks)

3.

i) Complete the blanks "a", "b", "c" and "d" in the flow chart below which determines whether a figure is a square or a rectangle when the length and the width are given.

(End, Width, No, Yes)



(4x21/2 = 10 marks)

ii) Complete the blanks 1 to 5 in the Scratch programming below which determines whether a figure is a square or a rectangle when the length and the width are given.

```

when clicked
ask [ ] and wait
set Length to answer
ask [ ] and wait
set Width to answer
if Length = [ ] then
say [ ]
else
say [ ]

```

- 1 - .....
- 2 - .....
- 3 - .....
- 4 - .....
- 5 - .....

(5x2 = 10 Marks)

4.


i) Write the four software used to create website.

(4x1 1/2 = 6 Marks)

ii) The following figure showed output from HTML code. Select tag from list given below.

(list: I, U, H2, A HREF, B, IMG SRC, P, UL, OL)

<1> → **Beautiful Waterfalls in Sri Lanka**

 ← <4=".....">

<2> → Sri Lanka is home to more than 100 waterfalls and rivers which at the end of the day stops at the Indian Ocean. Some of the waterfalls are man-made but still doesn't stop short of being breath-takingly beautiful.

- Baker's Waterfall
- Bambarakanda Ella ← <5>
- Bopath Ella
- Devon Waterfall
- Diyaluma Waterfal
- Dunhinda Waterfall

<3> →

*More about waterfalls* ← <6=".....">

(7x2 = 14 Marks)