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08 ශ්‍රේණිය් දෙවන වාරය- 2024
தரம் 08 - 2024
Grade 08 – Second Term - 2024

Information and Communication Technology

පැය 01
One Hour

Name:…….…… Class:…….. Class No:……

Practical	Theory	Total
20	80	100

Answer all the questions.

[1]. Underline the most suitable answer. [1*20=20M]

1) Consider number "53_y". Here "y" is the base of the number system. From the number system you have learned, as to which number system 53_y belongs?
   A) Binary and octal only
   B) Octal and decimal only
   C) Octal, decimal and hexadecimal only
   D) All of the above

2) 528_{10} is equal to binary ;
   A) 1000010000_2
   B) 1000110000_2
   C) 1000010001_2
   D) 1000110001_2

3) 10010_2 is equal to decimal;
   A) 16
   B) 17
   C) 18
   D) 19

4) The number of symbols in a number system is it's …….
   A) Symbol
   B) Number
   C) Base
   D) 0 and 1

5) Which port is used to connect an external hard disk to the computer?
   A) HDMI port
   B) eSata port
   C) Display port
   D) Parallel port

6) The port which the monitor cannot be connected is,
   A) DVI
   B) USB
   C) VGA
   D) HDMI

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7) File can be search by ……

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A) File name
C) Date saved
B) File extension
D) All of the above

8) Which is an example for a simple hardware problem?

A) Operating system does not work
B) Mouse does not work
C) Takes long time to start
D) Main memory has less space

9) What is the shortcut key for select a whole document

A) Ctrl + A
C) Ctrl + C
B) Ctrl + B
D) Ctrl + D

10) How to select a sentence in a document.

A) Click on the first word of the sentence and continue dragging till the last word.
B) Click and drag the mouse pointer across the letter
C) Triple click on the paragraph
D) Press both Ctrl + A on keyboard together

11) The justify align tool is used to;

A) To align the text to the left side
B) To align the text to the right side
C) To align the text to the middle
D) To align the text to the both sides

12) To insert an artistic letters to a document;

A) Clip art is used
C) Text box is used
B) Word art is used
D) Bullets and numbering is used

13) When typing a paragraph, continue typing till the end of it and press …… key to end the paragraph.

A) Esc key
C) Shift key
B) Enter key
D) Caps lock key

14) What type of software is provided by the manufacture to user, and use to control the computer system and increase computer efficiency?

A) Application software
C) Malicious software
B) System software
D) None of the above

15) In a table; a place where a row and a column intersects is known as;

A) a row
C) a cell
B) a column
D) a table

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16) A block in a program that analyses variables and chooses a direction of flow of the program is known as;

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A) An algorithm
C) Control structure
B) A problem
D) All of the above

17) If the steps are carried out one after the other from beginning to the end in a particular consecutive order, it is known as;

A) Sequence
C) Repetition
B) Selection
D) Scratch s/w

18) ……..decides which steps are executed depending on whether a condition of an algorithm is satisfied or not.

A) Sequence
C) Repetition
B) Selection
D) Scratch s/w

19) Which is not a smart device?

A) Laptop computer
C) Drone camera
B) Table in MS Word
D) Tablet

20) What is the usage of "Sky map" application software?

A) Find the orientation
B) Directs using GPS, finds distance between two places
C) When points the smart device towards a star or planet on the sky you can get the details such as name and location.
D) Obtains information by scanning the QR code.

[2]. <u>Write the relevant shortcut key. [2*10=20M]</u>

1) To open a new document .....
2) To open a saved document .....
3) To save a document .....
4) To print a document .....
5) To copy a text .....
6) To select a whole document .....
7) To bold a text .....
8) To underline a text .....
9) To cut an image selected in the document .....
10) To cancel an action .....

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[3]. Analyze the problem given below and identify the input, process and the output. [2*3=6]

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"In a one day cricket match between two teams; either one team may win or match will be drawn."

A) Input .....

.....

B) Process .....

.....

C) Output .....

.....

[4]. Draw a flow chart to represent ""Finding cost of five pens". [10M]

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[5]. There are many tools for creating documents using Word Processing Software. Give 2 examples for following each tool. [0.5*6=3M]

Common tools	
Text Formatting tools	
Alignment and Positioning tools	

[6]. Name 3 examples for hardware problems. [3M]

……

……

……

[7]. Name 3 examples for application software related problems. [3M]

……

……

……

[8]. Name 3 types of documents that can create using WPS. [3M]

……

……

……

[9]. What are the three control structures. [3M]

……

……

……

[10]. Name 3 smart devices. [3M]

……

……

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[11]. Convert the decimal number 25_{10} in to a binary number. (Show your workings) [3M]

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[12]. Convert the binary number 101102 in to a decimal number. (Show your workings) [3M]

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