

# KENGALLA MAHA VIDYALAYA

**1<sup>st</sup> TERM TEST - 2019**

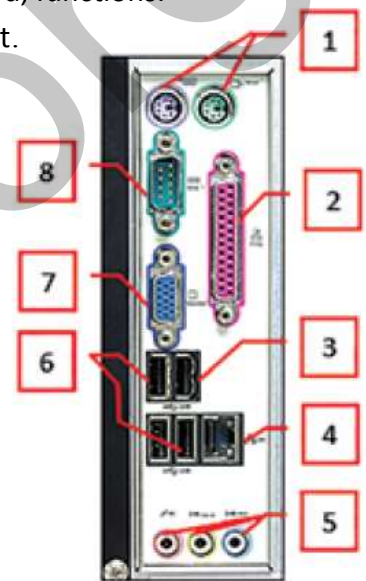
**Information and communication Technology - II**

**Grade 10**

**Two Hours**

- Answer 4 questions only. Including the 1<sup>st</sup> question and any 3 from others.

- 1) I Define data and information briefly.
- II. Give 2 differences of RAM and ROM.
- III. Name the port which can be used for the following a, b, c, d, functions.  
Write the letter of the function and the number of the port.
  - a. To connect speakers.
  - b. To connect modern printer.
  - c. To Network.
  - d. To connect monitor.



IV. Write 2 instances where ICT is used in the field of agriculture

V. Match the description with the example. Write the number of the description and the letter of the example

Description		example	
1	Marking waves of heart beat on a graph sheet.	A	CAT
2	Displaying Electronic pulses which emit from the brain on a TV screen.	B	MRI
3	Getting descriptive photographs of internal parts of the body.	C	ECG
4	Getting 3D photographs of internal parts of the body.	D	EEG

VI. Impact printers are not suitable to use in operation theaters. Give 2 reasons.

VII. Give 2 advantages of using USB pen drives other than DVD (RW)

VIII. Define 'soft copy' and 'hard copy'.

IX. Show the classification of computers according to the size'

X. Define 'Hardware' and 'Software'.

(20 marks)

(02) Read the following paragraph on components of the computer. (10 marks)

Data and Information input by (A) ..... and store in the (B)..... (C)..... process data. Processed data store in the (D)..... temporarily and send to the output devices. or send to the (E)..... to store permanently. (F)..... does the arithmetic and logical functions. (G)..... sends control signals to all the peripheral devices that connected to the computer.

- I. Select and name suitable components for the label A, B, C, D, E, F and G  
(Control Unit (CU), Primary Memory (RAM), Secondary Storage, Central Processing Unit (CPU), Output Devices, Arithmetic and Logical Unit (ALU), Input Devices, Memory Registers)
- II. Name main 3 components of Central Processing Unit

(03) Following shows a word processing document and some formatting tools. (10 marks)

The screenshot shows a word processing document with the following elements and labels:

- 1:** Bold formatting tool applied to the title 'Open Source'.
- 2:** Text color tool applied to the title 'Open Source'.
- 3:** Paragraph alignment tool (left-align) applied to the first paragraph.
- 4:** Bulleted list tool applied to the list item.
- 5:** Text color tool applied to the text 'Free and open source software (FOSS)'.
- 6:** Text color tool applied to the text 'is computer software'.
- 7:** Paragraph alignment tool (left-align) applied to the second paragraph.
- 8:** Bulleted list tool applied to the list item.
- 9:** Hyperlink tool applied to the text '(1) For Download FOSS'.
- 10:** Paragraph alignment tool (left-align) applied to the first paragraph.

The document content includes:

**Open Source**

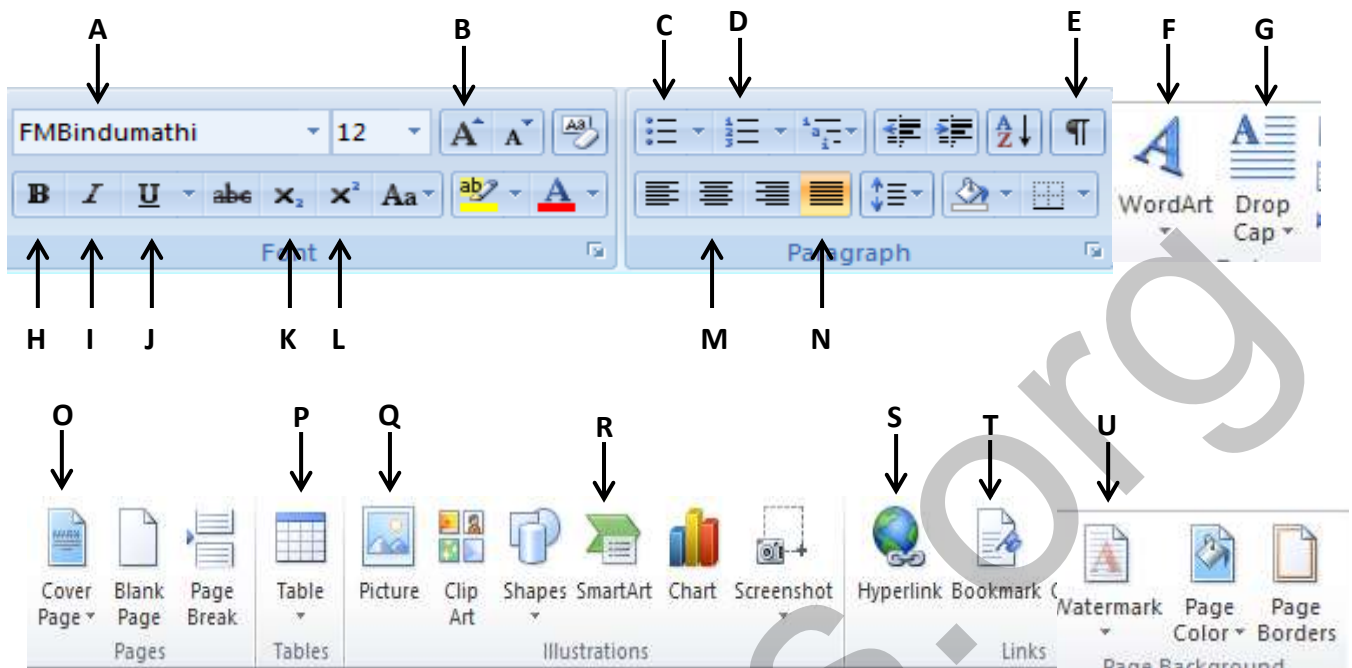
**Free and open source software (FOSS)** <sup>(1)</sup> is computer software that can be classified as both *free software* and *open source software*. That is, anyone is freely licensed to use, copy, study and change the software in any way, and the source code is openly shared so that people are encouraged to voluntarily improve the design of the software.

- The following table shows some of the examples for **FOSS** and there types.

Type	Example
Operating System	Hanthatanlinux
Office Application	Libre Office
3D Graphic Software	Blender
Desktop Publishing	Scribus

<sup>(1)</sup> For Download [FOSS](#)

- i. Identify the formatting tools used to format 1 to 8 of the document. (Write the number and the label )
- ii. Label 9 is a link to a web page. Name the tool that use to create the link.
- iii. What is the label for the alignment of the paragraph shows by 10?



04. Give short answers for the following questions. (10 marks)

- i. Who is considered as the father of computer?
- ii. Name hardware technologies used in first 2 generations.
- iii. Who is the first programmer?
- iv. Who invented the abacus?
- v. Give another name for Mark 1.

05. Write how you get the privilege of information and communication technology in the following instances. (10 marks)

- i. When you travelling a bus.
- ii. In a super market.
- iii. When withdrawing money.
- iv. When depositing money.
- v. When listening songs

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