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Royal College - Colombo 07

දෙවන වාර පරීක්ෂණය - 2019
Second Term Test - 2019

| 6 ශ්‍රේණිය | තොරතුරු තාක්ෂණය | කාලය:පැය 1 1/2 යි |
| Grade 6 | **Information Technology** | Time: 1 1/2hours |

Index No:........... Name:.................... Class:.......

PART I

Answer all questions.
In each of the questions 1 to 20, pick one of the alternatives (1), (2), (3), (4) which you consider as correct or most suitable.
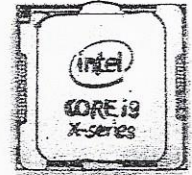
(2 x 20 = Marks)

1. The following image shows the brain of a computer located inside the system unit. What is it?

    (1) CPU   (2) System Unit   (3) RAM   (4) Hard Disk

2. This memory is short term and is lost when the computer is turned off

    (1) Flash Drive   (2) CPU   (3) Hard Drive   (4) RAM

3. The device that allows the user to record or send their voice into the computer is.

    (1) Monitor   (2) Microphone   (3) Output   (4) Speaker

4. What is the input device shown below?

    (1) Web camera   (2) Barcode reader
    (3) Scanner   (4) Microphone

5. Identify the device/devices with embedded computers?
    A. Washing Machines   B. Smart TVs   C. Modern Cars

    (1) A only   (2) B Only   (3) A and C only   (4) A,B and C all

6. Which one of the following is **not** a computer software?

    (1) MS Paint   (2) Motherboard   (3) Windows 10   (4) Ubuntu

7. Computer Software can be defined as

    (1) Computer equipment   (2) An interface displayed
    (3) Instruction to the computer   (4) Physical components

8. Computer has become an essential tool in **banking activities**. Which of the following is an example for that?

    (1) Working in the computer lab   (2) Doing a presentation in a class
    (3) Using ATM cards to deposit money   (4) Using embedded computers in ICU

9. Arranging the workstation includes,
    A. Adjusting monitor to eye level
    B. Adjusting chair height
    C. Keeping all other hardware parts within easy reach

(1) A only   (2) B only   (3) A & B only   (4) A, B & C all

10. Which is the correct posture of using a mouse?
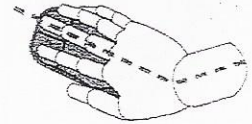

    (1)   (2)   (3)   (4)

11. When you are using a computer, if you don't maintain correct postures you will more likely to get,
    (A) Chest pain   (B) Pain in Backbone   (C) Strain in feet

(1) A only   (2) A & B only   (3) B & C only   (4) A & C only

12. Which is **not an ethical** behavior in the Computer Lab?

(1) Should not disturb others   (2) Do not use unlicensed software
(3) Should not change computer settings   (4) Should bring your text book everyday

13. Select the **incorrect** statement about **RAM**

(1) It is the Main memory   (2) It stores data temporary
(3) It is an input device   (4) It is a storage device

14. Which of the following can be considered as a communication device?

(1) Network Interface Card   (2) RAM   (3) ROM   (4) Hard Disk

15. When you are making a document, if you press **shift + A** in the keyboard, which one of the following will be displayed?

(1) A   (2) A (3) A   (4) A

16. Which of the following is not a **word processing** software?

(1) MS Word   (2) AbiWord   (3) WordPerfect   (4) Keynote

17. Select the strongest password from the following.

(1) 123   (2) hello   (3) School123   (4) M_ns@5RC18

18. Computer can perform any given task within a very short time. What is the correct characteristic according the above description?

(1) Accuracy   (2) Reliability   (3) Speed   (4) Storage Capacity

19. The Central Processing Unit is located in the,

(1) Motherboard   (2) System unit   (3) Hard Disk   (4) RAM

20. A disadvantage of e-waste is
(1) Helps to improve the quality   (2) Keeps the environment clean
(3) Speed-up the task   (4) Causes various diseases
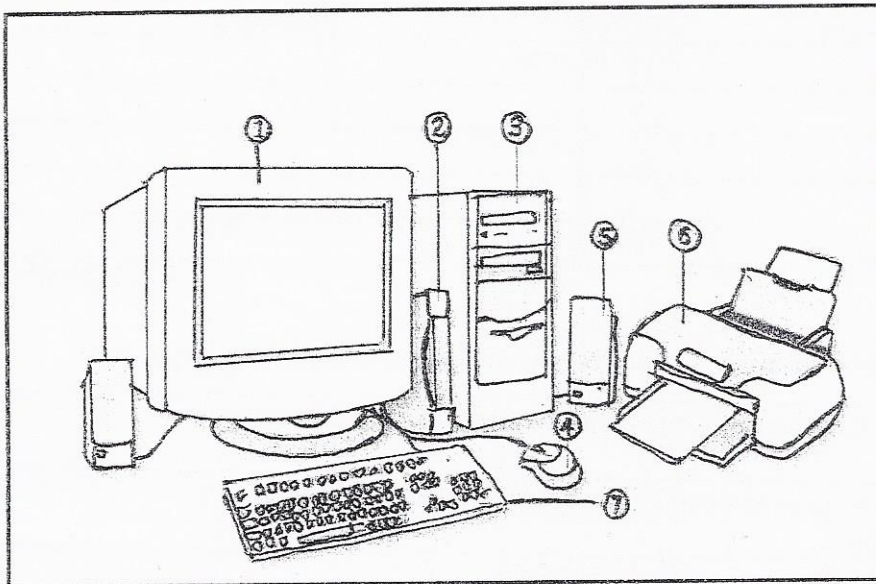
PART II

Answer all questions.

1.

a) Fill in the shapes with the suitable words to show the basic **functions of a computer.**

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┌──────────────┐      ┌──────────────────┐      ┌──────────────────┐
│              │ ───▶ │                  │ ───▶ │                  │
│              │      │                  │      │                  │
└──────────────┘      └──────────────────┘      └──────────────────┘
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(3 marks)

b) Name the devices shown below.

1........................
2........................
3........................
4........................
5........................
6........................
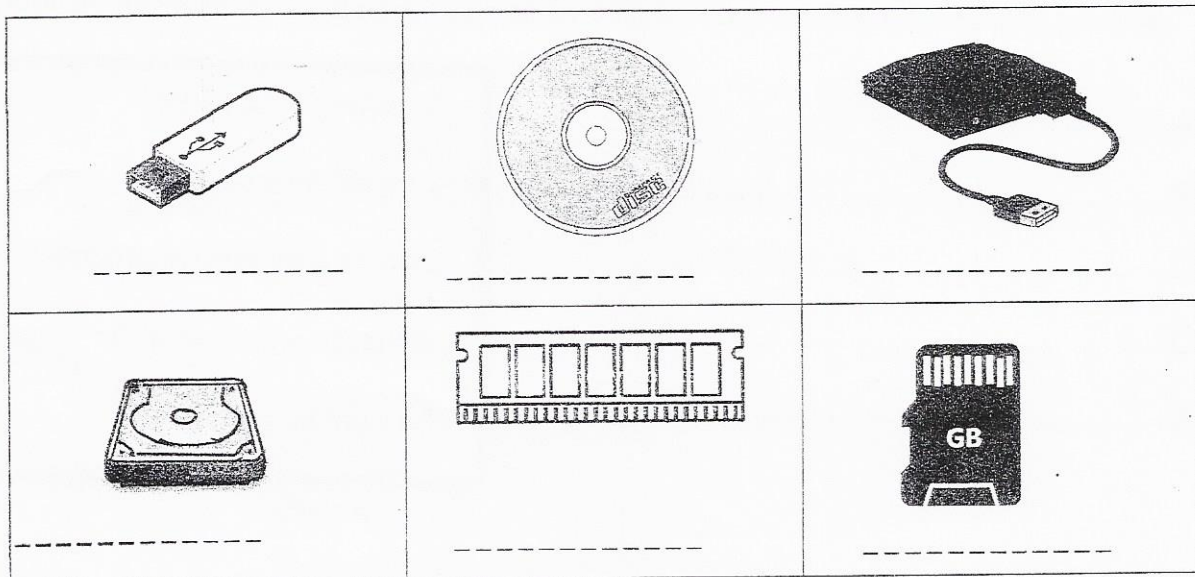7........................

(7 marks)

2.

a) Identify the following storage devices.

(6 marks)

b) Write four sectors where you see using computers?

Ex: Hospitals

   i.

   ii.

   iii.

   iv.
(4 marks)

3. Classify the followings as hardware or software.

(Computer games, Mouse, Web camera, MS Word, Media Player, Monitor, MS Paint, System Unit, Keyboard, Android)

Hardware	Software

(10 marks)

4. (a) Say if it is correct (✓) or wrong (✗) to do following actions in computer laboratory.

i.	Insert metal objects such as clips, pins and needles into the computer casings.	
ii.	Report any broken plugs or exposed electrical wires to your laboratory technician immediately.	
iii.	Remove your shoes before you enter Laboratory.	
iv.	Switch on the multimedia projector without asking the teacher.	
v.	Keeping the chairs and computer equipment in proper order before you leave lab.	

(5 marks)

(b) Write the correct sequential order of shutting down a computer. **Use the given phrases.**

A...

B...

C...

D...

E...

Switching off the UPS
Turn off the monitor
Leaving from running programs
Select the command of shut down
Turn off the wall switch

(5 marks)

5. The column A contains trademarks of some operating systems. Match those trademarks with the correct name in the column B.

a)   A   B

                                              Ubuntu

                                              Linux

                                              Windows

                                              Android

                                              Apple

                                                                    (5 marks)

b) Underline the correct answer.

   i)   The devices used to enter data and instruction are known as (input/output) devices.

   ii)   (Input/Output) devices used to get information out of the devices.

   iii)   Information and Instructions are stored in (output/storage) devices.

   iv)   Virus scanning is (important/ not important) when connecting flash drive to the computer.

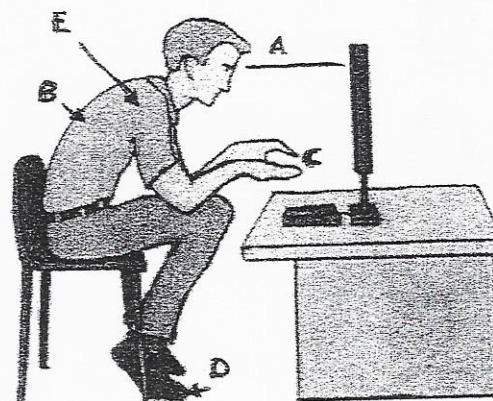   v)   We (must/must not) hack computer activities of others.

                                                                    (5 marks)

6. (a) Incorrect posture leads to health issues. Select the **health issue** related to the incorrect postures labeled as A, B, C, D and E.(Use the given List)

(List: **Pain in fingers, Pain in shoulders, Pain in backbone, Pain in the eye, Strain feet**)

Incorrect posture	Related health issue
A	
B	
C	
D	
E	

(5 Marks)

a) Select the correct term for the given description. **Use the given terms.**

(**Reuse, Reduce, Recycle**)

Description	Term
Tokyo will achieve its goal of making 2020 Olympic medals from smartphones, laptops and other gadgets	
Use of System units as garbage bin.	
Father repaired the monitor. It avoids buying a new monitor.	

(3 Marks)

b) Draw your own **symbols** to display the safety measures which you can following inside a computer laboratory.(Include at least2 lab rules)

(2 marks)

Ex.