Information and Communication Technology
Grade 7 – 1st Term Test

Part 1

1) What is meant by ALU?
   a. All Logical Unit
   b. Arithmetic and Logical Unit
   c. Arithmetic and Low Unit
   d. None of above.

2) What is the measurement unit used to measure the speed of CPU?
   a. Mbps
   b. Hertz
   c. Kbps
   d. Bytes

3) Which is not a main component of CPU?
   a. ALU
   b. Control Unit
   c. Main Memory
   d. Memory Register

4) What the electronic technology used in first generation computers?
   a. Transistor
   b. Integrated Circuit (IC)
   c. Vacuum Tube
   d. Microprocessor

5) Which is not belongs to an operating system?
   a. Windows 10
   b. Ubuntu
   c. Android
   d. ALU

6) What is meant by storage device?
   a. A device which is used to control the computer.
   b. A device which is used to protect computers from computer viruses.
   c. An operating system
   d. A device which is used to store data and information.

7) Identify a device which is not a magnetic media device from following.
   a. Magnetic Tape
   b. CD
   c. Floppy Disk
   d. Hard disk

8) Identify correct file name from the answers given below.
   a. Sports
   b. my@
   c. sam cv.docx
   d. 123

9) What is the correct shortcut key?
   a. Save → ctrl + Z
   b. Copy → ctrl + P
   c. Paste → ctrl + V
   d. Cut → ctrl + Z

10) Does it permanently delete a file a folder when delete in a pen drive?
   a. Yes.
   b. No.
   c. It depends on file.
   d. Cannot tell surely.

11) What should you do to permanently delete a file from your computer?
    a. Select the file and press Delete key.
    b. Right click on the file and select the delete option.
    c. Press Shift and Delete keys together.
    d. Cannot permanently delete a file from computer.

12) What is not a characteristic of a file?
    a. File extension   b. File size
    c. Summary of file   d. Date and Time created

13) What is not a mobile phone operating system?
    a. Blackberry OS   b. Windows 7
    c. Windows Mobile OS   d. iOS

14) Which is not belongs to first generation computers?
    a. ENIAC   b. IBM 7030   c. UNIVAC   d. EDVAC

15) The execution speed of third generation was measured using,
    a. Nano second   b. Pico second.
    c. Microsecond   d. Millisecond

16) CPU located on the,
    a. Hard disk   b. Motherboard
    c. Main memory   d. External device

17) What is the file management application in windows?
    a. Internet Explorer
    b. Media Player
    c. File Explorer
    d. Photo Viewer

18) Identify incorrect shortcut key combination.
    a. Paste → ctrl + p   b. New → ctrl + n
    c. Cut → ctrl + x   d. Print → ctrl + p

19) Identify the task which is not a task of computer operating system.
    a. Network management   b. System resource management
    c. Memory management   d. Internet services management

20) What is not a processor among the following?
    a. Celeron   b. Sempron   c. Core   d. RAM

Part 2

1. What is Central Processing Unit?

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…………………………………………………………………………………………………

2. What are main three components of CPU? Describe the functionality of them.

- …………………………………………………………………………………………
  ………………………………………………………………………

- …………………………………………………………………………………………
  ………………………………………………………………………

- …………………………………………………………………………………………
  ………………………………………………………………………

3. What is unit that used to measure the speed of the CPU?

………………………………………………………………………………………..

4. Name two famous CPU (Processor) manufactures in the world.

……………………………………………………………………………………….

5. Find the correct answer for the questions given below.

6. The Central Processing Unit of a computer system can be divided into four generations based on the electronic technology used to manufacture it.

   i. Name electronic technology used in each generation.

- ……………………………………………………………………
- ……………………………………………………………………
- ……………………………………………………………………
- ……………………………………………………………………

   ii. What happens to power consumption from 1st generation to 4th generation?

………………………………………………………………………………………………
………………………………………………………………………………………………
…………………………………………………………………

   iii. To which time duration the fourth generation is belongs?

………………………………………………………………………

   iv. What is the unit used in 4th generation to measure execution speed?

…………………………………………………………………

7. Identify the file name and extension.

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File Name	File Extension
It is used to identify the file	It is used to find the application software to which the file belongs
Kamal.docx	
File_extension.jpg	

8. Match the following.

1   Windows OS   A

2   Mac OS   B

3   Linux   C

4   Ubuntu   D

5   CentOS   E

9. Name 3 examples for data and information stored in storage devices.
    *   ……………………………
    *   ………………………
    *   …………………………