

Information and Communication Technology
Model Paper 1
Grade 7

Name:

Time: 1 ½ hours.

Answer all the questions

Part I

- 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. Can't tell surely.

- 11) What should you do to permanently delete a file from your computer?
- Select the file and press Delete key.
 - Right click on the file and select the delete option.
 - Press Shift and Delete keys together.
 - Cannot permanently delete a file from computer.
- 12) What is not a characteristic of a file?
- File extension
 - File size
 - Summary of file
 - Date and Time created
- 13) What is not a mobile phone operating system?
- Blackberry OS
 - Windows 7
 - Windows Mobile OS
 - iOS
- 14) Which is not belongs to first generation computers?
- ENIAC
 - IBM 7030
 - UNIVAC
 - EDVAC
- 15) The execution speed of third generation was measured using,
- Nano second
 - Pico second.
 - Micro second
 - Millisecond
- 16) CPU located on the,
- Hard disk
 - Motherboard
 - Main memory
 - External device
- 17) What is the file management application in windows?
- Internet Explorer
 - Media Player
 - File Explorer
 - Photo Viewer
- 18) Identify incorrect shortcut key combination.
- Paste → ctrl + p
 - New → ctrl + n
 - Cut → ctrl + x
 - Print → ctrl + p
- 19) Identify the task which is not a task of computer operating system.
- Network management
 - System resource management
 - Memory management
 - Internet services management
- 20) What is not a processor among the following?
- Celeron
 - Sempron
 - Core
 - RAM

Part II

Answer all the questions given below. First question carries 20 marks and other 4 questions carry 10 marks for each.

- 1) CPU is identified as a digital circuit that process data according to given instructions. Answer the question using your knowledge about CPU.
 - i. What is the main function of the CPU?
 - ii. What are the main 3 components of the CPU?
 - iii. Briefly describe the functionality of each component.
 - iv. Name a processor manufacturing company.
 - v. What is clock speed?
 - vi. What is the unit used to measure the speed of the CPU?

- 2) 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?

- 3) A operating system is necessary to fulfil the tasks using a computer.
 - i. **“The operating system is a software.”** Does this statement is correct?
 - ii. Name 3 tasks which is performed by operating system.
 - iii. Give 3 examples for operating systems.

- 4) Devices which are used to store data, information and programmes that belong to computer are known as computer storage devices.
 - i. Name 3 data or information that can be stored in storage device.
 - ii. Name 3 parts of computer storage according to their manufacturing technology.
 - iii. Give an example for magnetic media device .

- 5)
 - i. Name 2 optical media devices.
 - ii. What is a file?
 - iii. Identify the file name and file extension separately.

my.exe
 - iv. What is the use of file extension?