



**Computer Applications Technology**  
**March Written Test 2007**  
**Grade 10**  
**Time: 40 minutes**

**Section A – Multiple choice questions – 35 marks**

Select the one answer to each question which you think is the correct or the best answer. Just write down the letter.

Do the work on foolscap paper. Marks will be taken off if the work is not set out correctly. Work neatly.

1. Examples of input devices are:
  - a. Keyboard, digital camera, printer
  - b. Keyboard, mouse, scanner
  - c. Keyboard, mouse, screen
  - d. Both (b) and (c)
2. The following peripherals are examples of input devices:
  - a. Cell phone, scanner, video recorder
  - b. Joystick, scanner, stylus
  - c. Keyboard, mouse, printer
  - d. Optical mouse, speaker, touch screen
3. The two main groups of software are:
  - a. Application Software and Microsoft Office
  - b. Application Software and System Software
  - c. Operating Software and System Software
  - d. System software and Windows
4. When we install a new program such as Norton Antivirus 2006, we are installing
  - a. Hardware
  - b. Software
  - c. Storage
  - d. Memory
5. Which one of the following terms does not logically belong with the others?
  - a. Keyboard
  - b. Monitor
  - c. Memory
  - d. Search Engine
6. Which one of the following is an example of both an input and an output device?
  - a. Touch pad
  - b. Keyboard
  - c. Scanner
  - d. Touch screen
7. Which is NOT in RAM?
  - a. A new file that has just been created
  - b. A new file that has just been modified
  - c. An old file that has just been opened from a CD
  - d. An old file that is stored on the hard-drive
8. Which of the following statements is true about RAM?
  - a. It is a good example of secondary memory.
  - b. It permanently stores data/programs in it.
  - c. It has no moving parts in it.
  - d. It is very susceptible to magnetic interference.
9. What were CD-ROMs NOT originally developed for?
  - a. A way of distributing software like MS-Office, pc and playstation games.
  - b. An alternative medium for distributing music.
  - c. Distributing films on disk.
  - d. Provide a better medium for backing up data permanently.

10. Which of the following statements best describes computer memory?
  - a. A place to store information while the computer is off
  - b. A temporary storage area for data while the computer is functioning
  - c. The ability of the computer to remember information
  - d. The part of the computer that performs functions on data
11. Storage capacity of hard drives currently available may be measured in:
  - a. GHz
  - b. Gb
  - c. Mhz
  - d. Mb
12. This type of memory is also referred to as primary memory:
  - a. Cache
  - b. RAM
  - c. ROM
  - d. Storage
13. Which of the following media is considered storage?
  - a. CD, Cell phone, Digital camera
  - b. DVD, Hard drive, Joystick
  - c. Keyboard, Memory stick, Mouse
  - d. MP3, Portable zip drive, Stiffy disk
14. Identify the example of storage.
  - a. 3 1/2" disk, CD-ROM, CPU
  - b. DVD, Flash disk, Hard drive
  - c. LCD, Memory stick, Printer
  - d. RAM, ROM, Stiffy disk
15. Example of storage devices:
  - a. CD, hard drive, monitor
  - b. CD, hard drive, mouse
  - c. CD, stiffy disk, memory stick
  - d. CD, stiffy disk, modem
16. Where would you go in your computer to see what size drive your computer has?
  - a. My Computer, Control Panel, Folder Options
  - b. Start, Settings, Control Panel, System, System Properties
  - c. My Computer, Local Disk, Properties
  - d. My Network Places, Local Disk, Properties
17. Which one of the following statements concerning memory and storage is false?
  - a. Memory needs constant power if it is to retain its contents.
  - b. Because RAM is electronic, it is much faster than storage which is mechanical.
  - c. You need much more RAM than storage on a PC.
  - d. Data is stored optically or magnetically on storage devices.
18. A keyboard consists of the following:
  - a. Function, navigation and numeric keys
  - b. Function, navigation and short cut keys
  - c. Function, navigation, number and alphabetical keys
  - d. All of the above
19. What is the Home row on the Keyboard?
  - a. ASDF
  - b. QWERT
  - c. ZXCV
20. You have been asked to advise a government agency as to what type of printer would suit them best. They produce a large quantity of documents in black and white that must be of a high quality. Which of the following types of printers would you consider the most suitable?
  - a. Dot-matrix printer
  - b. Inkjet printer
  - c. Laser printer
  - d. Thermal printer

21. You need to buy a new computer for your study. You have very limited space and have a choice of computer screens. Finance is not a problem. Which screen technology would be most appropriate for you?
  - a. LCD
  - b. CRT
  - c. DVD
  - d. LED
22. Windows allows the user to communicate with the Programs by means of menus, icons and picture. What is this interface called?
  - a. Graphic User Interface
  - b. Instructions
  - c. Menu interface
  - d. Text interface
23. A temporary storage location for files deleted from the hard drive is:
  - a. Delete
  - b. File. Save as
  - c. RAM
  - d. Recycle Bin
24. Which keyboard shortcut will open Windows Explorer?
  - a. Start + E
  - b. Windows + E
  - c. Windows + F
  - d. Windows + S
25. Which one of the following is an example of an operating system?
  - a. Word 2000
  - b. Windows XP
  - c. Office 2003
  - d. Norton AntiVirus
26. A database would be the most appropriate program to ...
  - a. create a multimedia presentation on AIDS for the grade 8 classes.
  - b. prepare the budget of the school.
  - c. design the school's brochure detailing the school's facilities.
  - d. store the details of the learners and their parents.
27. Bad body posture can lead to a condition called:
  - a. Carpet Tunnel Syndrome
  - b. Consistent Tunnel Syndrome
  - c. Carpal Tunnel Syndrome
  - d. Wrist Injury
28. Ergonomics refers to
  - a. The study of environmental awareness concerning computers
  - b. The study of energy saving devices
  - c. The study of making devices better suited to the human body
  - d. The study of making hardware devices cheaper and faster
29. What menu do you click on to get the Drop Cap.
  - a. Insert
  - b. Format
  - c. Edit
  - d. None of the above
30. What is the shortcut key for copy?
  - a. Ctrl + X
  - b. Ctrl + V
  - c. Ctrl + C
31. Which one of the following statements is correct?
  - a. A Pentium is a type of computer
  - b. Memory is used to record programs and data far more permanently.
  - c. Output on a monitor or screen is referred to as hard copy.
  - d. Two types of monitor are CRT and LCD.

32. A more permanent way of keeping programs and data is called:
- Cupboard
  - RAM
  - ROM
  - Storage
33. Data is
- unprocessed facts
  - processed facts
  - useful and meaningful
  - dependable
34. Which one of the following statements about the Internet is true?
- The terms Internet and World Wide Web refer to the same thing.
  - The Internet is controlled by Microsoft.
  - The Internet is a global network of interlinked computer networks.
  - Access to the Internet is obtained via companies called ASPs.
35. Which one of the following is not a direct result of the influence of technology on communities?
- Providing local business access to oversea markets.
  - The nature and types of jobs available are changing much faster than before.
  - Rural communities have less access to telecommunications facilities than before.
  - E-learning provides for greater accessibility to education.

**Section B – 10 marks**

Clearly answer the following with full sentences so that the answer is understandable.

- We learn that a computer is made up of two main parts, namely hardware and software. Is it possible for a computer not to have any software loaded or stored on it? Could it then still be called a “computer”? Mention two stages in a computer’s life when it doesn’t contain any software at all.
- A floppy disk is always inserted (or “put into”) a computer in order for its data to be read by the computer. Why can it then not be called an “input” device?
- Computers are electronic devices and need electricity to function. Memory (RAM) is electronic and if it loses power it will lose all its contents. A hard disk also needs electricity to function. Why then will the contents of the hard disk not be lost when you switch the computer off?
- Dot matrix printers represent the oldest printing technology and they also produce the lowest quality printouts. However, they are still in big demand today, because they can do something that even the most expensive laser and inkjet printers cannot do. What is that?
- If you needed to copy the entire contents of a 650 MB CD-Rom to a number of high density floppy disks (without first compressing the data by using a program like WinZip), approximately how many floppy disks would you require?

**Section C – 5 marks**

Match the following descriptions to their computer terms. Give the number and the letter of the matching term. The terms may be used more than once.

Descriptor	Term
1. Most popular storage medium for distributing software.	A CD writer
2. Most unreliable type of media that should never be used to store your only copy of a document.	B CD's and DVD's
3. My Computer sees flash disk storage media as the same type of media as a CD-ROM drive would hold and names it ..... (two words).	C DVD writer
4. South African word/term for a storage medium that is not used overseas.	D floppy disk
5. Storage medium very sensitive to interference from magnets.	E hard drive
	F Removable Disk
	G stiffy disk
	H Windows 2000
	I Windows 98
	J Windows XP