END OF FIRST TERM EXAMINATION
BASIC 8 COMPUTING – TERM 1
PART I

1. The period of fourth generation computers was from ……
   A. 1940 - 1970
   B. 1959 - 1965
   C. 1971 - 1980
   D. 1945 - 1956

2. The fourth-generation computers used high-level languages such as
   A. FORTRAN
   B. COBOL
   C. C++
   D. PASCAL

3. The type of technology used in fourth generation computers was
   A. ICs
   B. Transistors
   C. Vacuum tubes
   D. VLSI

4. One major advantage of the fourth generation over the earlier generation of computers is that
   A. It was very large
B. the concept of internet was introduced
C. it used vacuum tubes
D. it was very expensive

5. An example of the fourth-generation computer is
   A. EDVAC
   B. IBM–701
   C. STAR 1000
   D. TDC–316

6. A device that converts documents to digital format is
   A. joystick
   B. scanner
   C. monitor
   D. printer

7. ……………… is also known as the Visual Display Unit.
   A. Monitor
   B. Printer
   C. Scanner
   D. Keyboard

8. The … can be classified as both input and output device.
   A. Mouse
   B. Plotter
   C. Touchscreen   D. light pen

9. UNIVAC stands for
A. Universal Automatic Computer B. Universal Authentic Computer C. Universal Automatic Console   D. Universal Authentic Console

10. Which of the following is not an area of study in computing?
   A. Programming
   B. Software Engineering
   C. Computer Science
   D. Costumier

11. People with wrist and hand problems can find the……… painful to use.
   A. headset
   B. keyboard
   C. system unit
   D. projector

12. …………get data into the computer.
   A. output devices
   B. USB
   C. input devices
   D. cables

13. The monitor is connected to the computer via the …………
   A. Ethernet port
   B. PS/2 port

C. VGA port
D. Audio out

14. One disadvantage of the CRT monitor is that
A. they emit less radiation   B. they occupy less space   C. they are bulky and take up more space
D. they are not portable

15. Which of these media has the highest storage capacity
   A. CD-ROM
   B. BD-ROM
   C. DVD-ROM
   D. Floppy Disk

16. A CD-ROM can store up to … of data.
   A. 700MB
   B. 33.4GB
   C. 4.7GB
   D. 1.44MB

17. An example of Read-Only Optical Disc is …………
   A. CD-R
   B. CD-RW
   C. DVD+R
   D. CD-ROM

18. An element of the graphical user interface located at the bottom of the computer screen is
   A. Title bar
   B. Formatting toolbar
   C. Taskbar
   D. Scroll bar

19. Dragging a file into a folder on the desktop is equivalent to
   A. copy operation
   B. remove operation
   C. cut operation
   D. delete operation

20. The system tray has the following components.
A. Bold, italics, underline
B. Copy, cut, paste
C. Minimize, maximize, close   D. Volume, date, battery

21. Which of the following can lead the user to all programs?

A. Start button
B. Recycle bin
C. File explorer
D. Search tool

22. Which of the following can lead the user to access the disk drives on the computer?
   A. Taskbar
   B. File explorer
   C. Disk explorer
   D. Internet explorer

Use this image to answer questions 23 to 25

o 1 2 3 4 5 6 7 8 9 0 5

23. The image is a ……….
   A. QR code
   B. barcode
   C. line code
   D. number code

24.   Which device is used to read the image?
   A. Barcode reader
   B. Line code reader
   C. QR code scanner
   D. number code scanner

25. The image is used to ……
A. identify location on maps
B. access email account
C. access the web
D. identify products in stores

26. The appearance of text is described as
   A. character
   B. highlight
   C. font
   D. colour

27. Files are kept in ………… on the computer.
   A. briefcase
   B. folder
   C. drawer
   D. envelope

28. Which of these components contains the microchip?
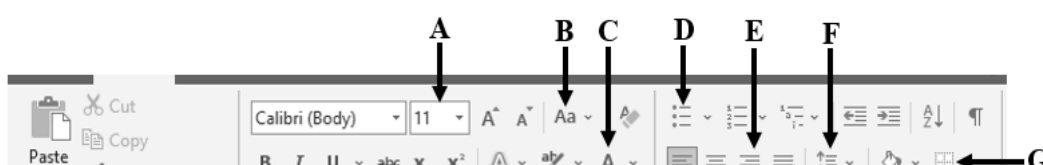   A. Printer

B. System unit
C. Keyboard
D. Scanner

29. To align text evenly along both edges, the ………… command is used.
    A. align left
    B. justify
    C. center
    D. align right

30. To select a word,…... on the word.
    A. triple-click
    B. double-click
    C. click
    D. quadruple-click

31. Which of these keys on the keyboard is used to remove text from right to left of the insertion point?
    A. Spacebar
    B. Delete
    C. Backspace
    D. End

32. Open, save and print commands are found under the ………… command.
    A. Home
    B. Insert
    C. Layout
    D. File

33. Holding the control key and pressing letter **P** will lead the user to …………
    A. Print
    B. Paste
    C. Paint
    D. Paragraph

34. These two keys on the keyboard perform similar functions.
A. Backspace and Spacebar

B. Backspace and Delete
C. Shift and Enter
D. Delete and Enter

35. Back and neck pains are associated with …
    A. very bright screen light
    B. High volumes
    C. bad sitting posture
    D. faulty electrical components

36. ……………….. is data that has been processed.
    A. Text
    B. Number
    C. Digit
    D. Information

37. The process of protecting information from risks is termed
    A. information processing
    B. information service
    C. information security
    D. information system

38. Which keys on the keyboard can perform mouse functions?
    A. Ctrl
    B. Shift
    C. Home and End
    D. Arrow keys

39. ………… provides direct evidence about an event, object or person.
    A. Secondary source of data
    B. Source of data
    C. Primary source of data
    D. Information

40. When a word is flagged red, it means
A. The word is misspelled or not found in word dictionary
B. The word is ambiguous
C. The word does not grammatically fit the sentence.
D. The word is meaningless

PART II

SECTION A
Compulsory (24marks)

1. The image below shows the ribbon of a popular *Word Processing Application*. Carefully study it and use it to answer question 1.

a) Name the application that displays the ribbon above. 2marks

b) Identify the parts labelled **A, B, C, D, E, F** and **G**. 7marks

c) Identify the groups labelled **H, I** and **J**. 3marks

d) Which tab on the menu bar displays the commands shown in the image? 2marks
e) List two other tabs on the menu bar. 2marks
f) What is the function of the part labelled; 4marks
  i) **C**
  ii) **E**
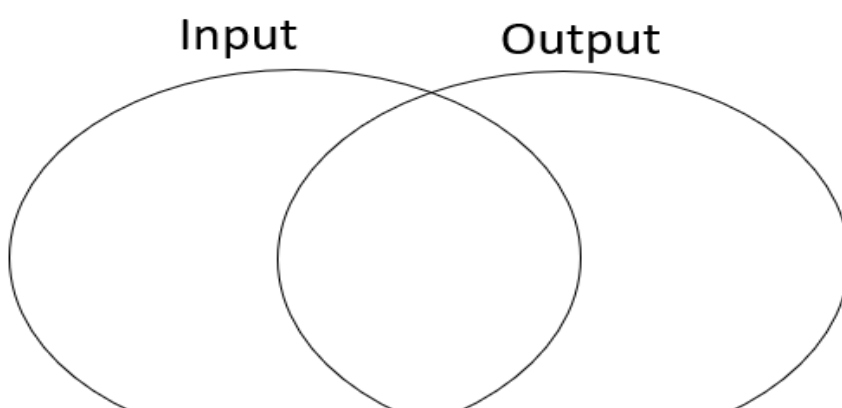g) When you click on the icon labelled **B**, which two command options would you see? 4marks

SECTION B
(36 marks)
Answer three (3) questions from this section

2. a) Identify three negative effects of computers on the environment. 6marks
b) State three ways of reducing the negative effects of computers on the environment. 6marks

3. a) Compare the second, third and fourth generation computers in the table below. 6marks

Generation	Period	Main technology used
Example: **First generation**	*1946 – 1959*	*Vacuum tubes*
Second generation		
Third generation		
Fourth generation		

b) State two advantages of the fourth-generation over the earlier generation of computers. 4marks
c) List two high-level languages used in the fourth generation. 2marks
4. a) Classify the following devices in the diagram below; 6marks
(Scanner, touchscreen, printer, modem, speaker, joystick)

Input   Output

b) Mention three examples of optical disc storage media and their estimated storage capacities. 6marks

5. a) Identify one risk associated with the use of each of the following ICT tools; 6marks
  i) Monitor
  ii) Radio
  iii) Keyboard

b) Identify three features of the windows taskbar. 3marks
c) Briefly explain the term '***Counters***' as used in computing and digital electronics. 3marks