SAMPLE
MID-YEAR EXAMINATION

COMPUTER STUDIES

Part 1: Question and Answer Booklet

Time allowed: 2 hours

Student Name: ....

INSTRUCTIONS:

Attempt all questions.

THIS PAPER CONTAINS QUESTIONS FOR

SECTION ONE - Overview of a Computer System   13 marks

SECTION TWO - The Categories of Computers   3 marks

SECTION THREE - Hardware: The Central Processing Unit   8 marks

SECTION FOUR - MS-DOS a closer look at an Operating System   38 marks

SECTION FIVE - The Windows Experience   24 marks

SECTION ONE - Overview of a Computer System

1. What does C.P.U. stand for? *(1 mark)*

2. Which is more important, Software or Hardware? *(1 mark)*

3. Name *two* devices that can be used for **input only**, *and* describe a suitable use for each. *(4 points)*

i.

ii.

4. Name *two* devices that can be used for **output only**, *and* describe a suitable use for each. *(4 points)*

i.

ii.

5. Name a CPU brand that can be bought locally in Tonga *(1 mark)*

6. Name a CPU model for the above mentioned brand that can be bought locally in Tonga. *(1 mark)*

7. What is the name of the most popular Operating System? *(1 mark)*

SECTION TWO - The Categories of Computers

1. What is three major differences between a Minicomputer and a Microcomputer. Make sure that your answer specifies three *different* things, not three things said differently. *(3 marks)*

i.

ii.

iii.

SECTION THREE - Hardware: The Central Processing Unit

1. How does a keyboard relate with ASCII? *(1 mark)*

2. Give an example of the above? *(1 mark)*

3. What does a computer **BIT** stand for? *(1 mark)*

4. Name two things that are important about the number of bits that a CPU groups together in its BITs. *(4 marks)*

i.

ii.

5. If a CPU grouped 4 bits together to make up numbers, what is the biggest number you can get with 4 bits? *(1 mark)*

SECTION FOUR - MS-DOS a closer look at an Operating System

1. When using computer programs, what key is commonly used to move to the next screen, next page of information? *(1 mark)*

2. When using computer programs, what key is commonly used to move to the previous screen, previous page of information? *(1 mark)*

3. What is a spreadsheet? *(2 marks)*

4. Give an example of when you would use a spreadsheet. *(2 marks)*

5. What is a word processor? *(2 marks)*

6. Give an example of when you would use a word processor. (2 marks)

7. What is a data base? *(2 marks)*

8. Give an example of when you would use a data base. *(2 marks)*

9. What is the MS-DOS command to prepare a new diskette? *(1 mark)*

10. Give an example of the above command on a new disk in drive A. *(1 mark)*

11. What is the command you would type in at the MS-DOS command line to start one of the programs in the list of files below *(3 marks)*

```
 Volume in drive D has no label
 Directory of D:\

AUTOEXEC BAK          1,379 03-19-94   12:02a
CHKLIST  MS              54 05-15-94    3:17p
WGPO         <DIR>          04-20-94   10:55p
COMMAND  COM         54,619 09-30-93    6:20a
CONFIG   SYS          1,758 05-16-94    4:11p
VERSION                 53 04-15-93   10:03a
MAHJONG      <DIR>          04-28-94    2:05a
WINA20   386          9,349 11-18-92    9:00a
VERS62   MSD         41,580 03-18-94    8:56a
SCANDISK LOG            797 04-26-94    9:35p
DATA         <DIR>          04-22-94    4:06p
WIN311   MSD         44,548 01-31-94   12:05a
AUTOEXEC BAT          1,402 05-16-94    4:11p
SUMMARY  MSD         13,104 05-15-94    7:27p
KILO         <DIR>          04-28-94    2:05a
AUTOEXEC 000          1,424 05-16-94    4:15p
        17 file(s)        170,100 bytes
                        1,507,328 bytes free
```

12. From the list of files above, which names refer to directories? *(3 marks)*

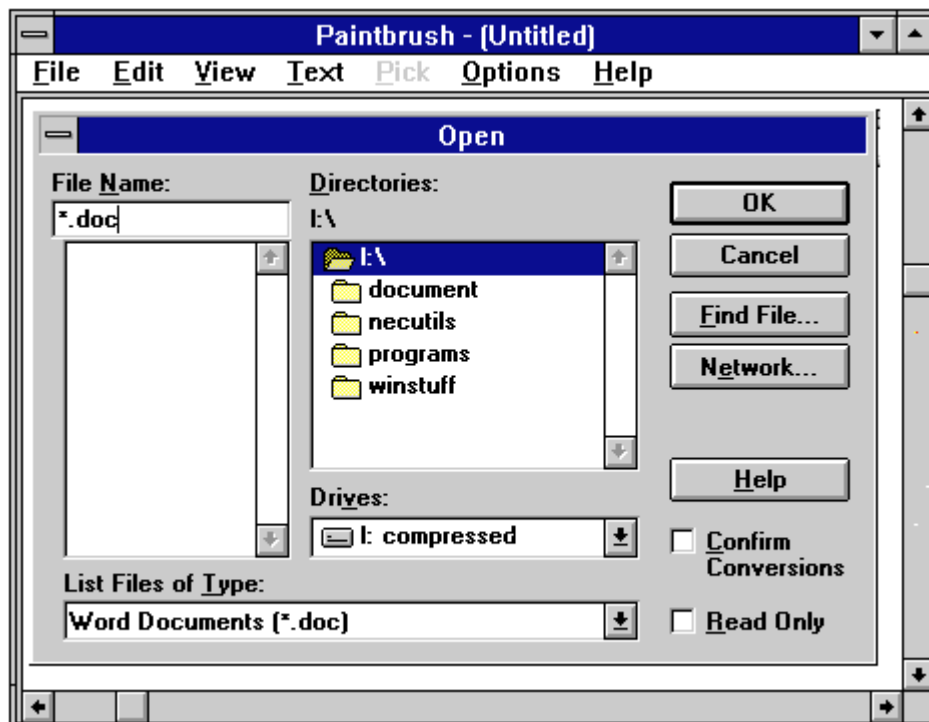13. What are the valid commands that you can use with directories? *(2 marks)*

14. Your computer screen is currently showing the prompt "C:\>", What command do you use to get a list of files on drive A? *(1 mark)*

15. When you turn a computer with two floppy disk drives, and no disk in either drive, how can you tell which disk drive is the "Drive A"? *(2 marks)*

16. What is the BIOS? *(1 point for the definition, 2 points for a description of what it does)*

SECTION FIVE - The Windows Experience

1. Name three unique mechanisms of the mouse that help it work. *(3 marks)*

a)

b)

c)

2. What is the difference between SERIF and SANS SERIF fonts? *(2 marks)*

3. Give an example using the letters T and R? *(4 marks)*

4. On the following diagram, label the:
- scroll bar(s) *(2 marks)*
- title bar *(2 marks)*
- menu bar *(1 mark)*
- list boxes *(2 marks)*
- drop down list box (combo box) *(2 marks)*
- Check box *(1 mark)*
- Buttons *(1 mark)*

5. The dialog box, pictured above, specifies a certain extension, type of file it is looking for. What extension is the dialog box looking for? *(2 marks)*