

END OF THE YEAR EXAMINATIONS

COMPUTER STUDIES

FORM 1

Answer all

the questions in the spaces provided

1. Outline three advantages of using a computer (3mks)

2. Explain the meaning of BACKUP (2mks)

3. Define an operating system (2mks)

4. a) State two differences between Disk Operating System (DOS) and WINDOWS system (2mks)

b) Distinguish between the terms single-tasking and multi-user as used in operating systems (2mks)

the following operating system functions: c) Explain

Job scheduling (1mk)

(1mk) Interrupt handling

d) Identify three hardware considerations to be made before installing an operating system (3mks)

5. a) State two types of computer output devices (2mks)

b) Explain the difference between a system software and applications programs (2mks)

c) Explain the difference Random Access Memory and Read Only Memory (2mks)

d) Explain the difference between digital and analogue computers (2mks)

6. Give any three precautionary measures considered to ensure the safety of computers in a computer laboratory (3mks)

7. State two ways in which a computer may be used in efficient running of a hospital (2mks)

8. A computer teacher has put a rule that diskettes should not be used in the computer laboratory

a. give a reason for the rule (1mk)

b.

what is utility software? (1mk)

c. give four examples of utility software (2mks)

9. List and explain three types of user interfaces (6mks)

10. Describe the following categories of software:

firmware (1mk)

software (1mk)

proprietary

11. Explain three ways in which a computer virus spreads from one computer to another (3mks)

12. a) What is disk partitioning? (1mk)

b) Explain the importance of disk partitioning (2mks)

c)

What is meant by disk defragmentation? (1mk)

d) State the

purpose of disk defragmentation (1mk)

13. State two health issues that may result from prolonged use of computers (2mks)

14. List two advantages of a USB interface (2mks)

15 Explain three factors that determine the cost of a computer system (3mks)

16.

State five categories of keyboard keys giving an example in each case (5mks)