S .4 BEGINNING OF TERM 1 EXAMS 2015

COMPUTER STUDIES (THEORY)

840/1

TIME :2 hours 30 minutes

Instructions:

♦ The paper consists of three sections **A,** and **B** and **C**.

♦ Section A contains 20 compulsory objectives-type questions.- write the correct answer in the box against the question.

♦ Section B- Answers must be written in the spaces provided.

♦ Choose only **<u>one</u>** question for Section **C** on separate answer sheets provided.

FOR EXAMINERS USE ONLY

MCQ	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	TOTAL

SECTION A: 20 MARKS (COMPULSORY)

1. Which of the following devices may not incorporate a computer?

A. Calculator   C. Typewriter

B. Microwave Oven   D. Washing Machine

2. What is the difference between a computer and a pocket calculator?

   A. A calculator is purpose built

   B. There is no difference

   C. A computer has a big screen

   D. A calculate is very expensive

3. Which of the following is a portable PC?

   A. Mini computer   C. Note book

   B. Micro computer   D. Mainframe

4. The abbreviation PC stands for:

   A. Portable computer   C. Pocket calculator

   B. Personal commuter   D. Personal computer

5. Which of the following is very essential piece of hardware for a computer to operate?

   A. Word processor   C. Processor

   B. Scanner   D. C.P.V

6. The speed of a computer is measure in,

   A. RAM   C. MHZ

   B. CPU   D. KB

7. Which of the following statements is correct?

   A. 8 bytes make up a bit

   B. 1000bytes make up a kilobyte

   C. 1000 bytes make up a megabyte

   D. 1024 bytes make up a kilobyte.

8. Which of the following can store more information?

A. Magnetic tape   C. Zip disk

B. HD floppy disk   D. Compact disK

9. What is a word processor system?

A. Software   C. Application software

B. Hardware   D. Specialist software

10. Which of the following statements is true?

A. Folder is another name for floppy

B. A folder contains many files

C. CDs are types of DVDs

D. Files contain records

11. Clicking the………………button, the window shrinks to the taskbar.

A. maximise   C. minimize

B. close   D. restore

12. If the computer hangs you should press…

A. Ctrl + Alt + Esc   C. Ctrl+ Alt + Delete

B. Ctrl + Alt +Enter   D. Ctrl+ Alt+ Insert

13. The keyboard shortcut for saving a file is …

A. Ctrl + v   C. Ctrl+s

B. Ctrl +c   D. Ctrl +x

14. Which non-printing character is displayed in word processing document when you press the tab key?

A. Dot   C. Arrow

B. Hyphen   D. Asterisk

15. To select an entire paragraph of text you….

A. Double click in the paragraph

B. Right-click in the paragraph

C. Triple –click in the paragraph

D. Press shift key and click in the paragraph

16. In a table, you press the tab key to…

A. Insert a table stop

B. Move the cursor to the next cell

C. Move the cursor to the beginning of the table.

D. Move the cursor to the end of the table

17. Microsoft excel 's edit key is…

A. Alt   C. Insert

B. F2   D. Ctrl

18. The name box in excel shows..

A. Cell reference of active cell

B. Name of the workbook

C. Name of the worksheet

D. Name of the application

19. The division character in excel is..

A. *   C. !

B. %   D. /

20. When you insert a new column in a worksheet:

A. It is inserted to the left of the selected column

B. It is inserted to the left of the selected row

C. It is inserted to the right of the selected column

D. It is inserted to the right of the selected row

SECTION B:(60 MARKS)-Compulsory: Write the answers in the spaces provided.

21. a) What is an e-mail?   (02 marks)

……………………………………………………………………………………………………

……………………………………………………………………………………………………

    b) List two popular e-mail software commonly used.(02 marks)

(i)……………………………………………………………………………………………..

(ii)……………………………………………………………………………………………….

    c) State four advantages and two disadvantages of using e-mail.

Advantages;   **(04 marks)**

(i)…………………………………………………………………………………………..

……………………………………………………………………………………………

(ii)………………………………………………………………………………………….

……………………………………………………………………………………………

(iii)……………………………………………………………………………………….

……………………………………………………………………………………………

(iv)…………………………………………………………………………………………

……………………………………………………………………………………………

Disadvantages: **(02 marks)**

(i)…………………………………………………………………………………………..

……………………………………………………………………………………………

(ii)……………………………………………………………………………………………

……………………………………………………………………………………………

22. a) Define the term "computer security risk"?   (02 marks)

……………………………………………………………………………………………

……………………………………………………………………………………………….

    b) Give four common computer security risks.   (04 marks)

(i)…………………………………………………………………………………………..

(ii)…………………………………………………………………………………………

(iii)………………………………………………………………………………………

(iv)………………………………………………………………………………………

    c)   For each of the computer security risk given above suggest one way to prevent it.   (04 marks)

(i)……………………………………………………………………………………..

……………………………………………………………………………………

(ii)………………………………………………………………………………………

……………………………………………………………………………………

(iii)………………………………………………………………………………………

……………………………………………………………………………………

(iv)………………………………………………………………………………………

……………………………………………………………………………………

23.   a)   Differentiate between cold and warm booting.   (02 marks)

……………………………………………………………………………………

……………………………………………………………………………………

    b)   Outline three reasons for carrying out a warm boot.   (03 marks)

(i)……………………………………………………………………………………..

……………………………………………………………………………………

(ii)……………………………………………………………………………………..

……………………………………………………………………………………

(iii)………………………………………………………………………………………

……………………………………………………………………………………

c)   State 5 measures that should be taken in the computer laboratory to take good care of computers.   (05 marks)

(i)………………………………………………………………………..

………………………………………………………………………………

(ii)………………………………………………………………………….

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(iii)………………………………………………………………………….

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(iv)…………………………………………………………………………

………………………………………………………………………………

24.   a)Distinguish between;
       (i)   System and application software.   (02 marks)

………………………………………………………………………………

………………………………………………………………………………

   (ii)   Custom/Tailor made and off-the shelf software   (02 marks)

………………………………………………………………………………

………………………………………………………………………………

       b) (i) List three categories of system software.   (03 marks)

(i)…………………………………………………………………………

(ii)…………………………………………………………………………..

(iii)…………………………………………………………………………

       (ii)Give three examples of off-the shelf application software commonly used by computer users   (03 marks)

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(i)………………………………………………………………………………………

(ii)………………………………………………………………………………………

(iii)………………………………………………………………………………………

25.   a)   Define a printer?   (01 mark)

………………………………………………………………………………………

………………………………………………………………………………………

       b)   Mention three methods of printing   (03 marks)

(i)………………………………………………………………………………………

(ii)………………………………………………………………………………………

(iii)………………………………………………………………………………………

       c) State three differences between impact and non impact printers.
            (06 marks)

(i)………………………………………………………………………………………

………………………………………………………………………………………

(ii)………………………………………………………………………………………

………………………………………………………………………………………

(iii)………………………………………………………………………………………

………………………………………………………………………………………

26.   a)   Write the following in full.   (05 marks)

(i)   EDI………………………………………………………………………………

(ii)   URL………………………………………………………………………………..

(iii)   CAD………………………………………………………………………………..

(iv)   MAN………………………………………………………………………………

(v)   DOS……………………………………………………………………………………..

    b)   Distinguish between physical and wireless transmission media
                                (02 marks)

……………………………………………………………………………………………

……………………………………………………………………………………………

    c)   List **two** wireless transmission media and **one** physical
        transmission media.

Wireless: **(02 marks)**

(i)……………………………………………………………………………………….

(ii)……………………………………………………………………………………….

Physical: **(01 mark)**

(i)……………………………………………………………………………………….

SECTION C(20 MARKS) – Attempt any **<u>one</u>** question from this section.

27. a)   Define the term computer virus.   (02 marks)
      b)   Mention four ways through which you can tell that a computer
            has a virus.   (04 marks)
      c)   Explain four ways through which virus are spread.   (08 marks)
      d)   How would you protect your computer against viruses. (08 marks)

28. a)   Distinguish between input and output hardware.   (04 marks)

      b)   Explain the use of any five input hardware and any four output
            hardware used in a computer system.   (16 marks)

29. "Protocols are very important factors without which communication may
    not be possible. Discuss the different protocols involved in
    communication.   (20 marks)

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