BEGINNING OF TERM I EXAMS 2015

S.3 COMPUTER STUDIES (THEORY)

840/1

TIME: 2 HOURS

INSTRCUTIONS:

This paper consists of Section A and B, attempt all questions.

Circle the best alternative for the answers of section A, and write the answers for Section B in the spaces provided.

For Examiners Use Only

MQC	Q21	Q22	Q23	Q24	Q25	Q26

SECTION A:(20 MARKS)- Circle the right alternative:

1. A(n)………….. is a set of programs that help the computer to manage its resources.
   A. bootstrap loader
   B. application
   C. operating system
   D. diagnostic routine

2. How many bits are in the word "BYE"?
   A. 9
   B. 12
   C. 24
   D. 27

3. The high capacity computer s used primarily for research purpose are..
   A. micro computers
   B. super computers
   C. mini computes
   D. personal computers

4. The …… controls and manipulates data to produce information.
   A. keyboard
   B. monitor
   C. CRT
   D. CPU

5. Two types of memory chips are RAM and…………
   A. RISC
   B. MCA
   C. CD-ROM
   D. ROM

6. The grammar of a programming language is called……….
   A. Synax
   B. Methodology
   C. Documentation
   D. Flow charts

7. If you change your mind a moment after you have deleted something you usually…….
   A. undo your last action
   B. unsave the file
   C. reboot the computer
   D. Remember what you deleted

8. Which one of the following inventions is a major discovery in computer evolution in the second generation?
   A. Integrated circuits
   B. Transistors
   C. Vacuum tubes
   D. Microprocessors

9. Restarting a computer using control keys can be technically called…..

A. booting   C. cold booting
B. warm booting   D. packet switching

10. Which one of the following CRT is likely to display the best colours to the user?
A. Video graphic Array(VGA).
B. Enhance Graphic Array(EGA).
C. Super Video Graphic Array(SVGA).
D. CRT Array.

11. The following are features of word processing software **except**….
A. spell checker   C. what-if analysis
B. thesaurus   D. justification

12. Which of the following computer application is most suitable for stock checking in a spreadsheet?
A. Word process.   C. Desktop publisher
B. Database   D. spreadsheet

13. ………..manipulates information.
A. Control Unit   C. Mathematical formula
B. System Unit   D. Editing area

14. Ivan wants to open the existing document and this means that he will press……on the keyboard.
A. Ctrl + O   C. F12
B. Ctrl + N   D. Ctrl + X

15. The……….. Bar allows to give common commands like saving in the file.
A. menu   C. standard toolbar
B. formatting toolbar   D. task

16. …………..is used to scroll through different parts of the document.
A. Cursor   B. Editor

C. Scroll bar   D. Scroll cut

17. The………provides information about the current state of what you are viewing on the window.

A. editing area   C. standard toolbar
B. formatting   D. status bar

18.…………refers to the way how lines of text are arranged to the edges.

A. Justify   C. Alignment
B. Copy   D. Cursor

19. Which of the following can store more information?

A. Magnetic tape   C. ZIP disk
B. Floppy disk   D. Compact disk

20. Clicking on the …button, the window shrinks to the taskbar.

A. maximize   C. minimize
B. close   D. restore

SECTION B(60 marks)

21.(a) The application of computers has reached most sectors in society and has created an improvement in work places. State any two institutions where they can be used and for what purpose. (0-4 marks)

(i)   Institution……………………………………………………………

       Purpose……………………………………………………………

       ……………………………………………………………………

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

       Purpose……………………………………………………………

       ……………………………………………………………………

(b)   Mention two areas where the number of workers has been reduced due to the introduction of computers.
                    (02 marks)

(i)   ……………………………………………………………………………

(ii)   ……………………………………………………………………………

(c)   State four examples of micro computers.   (02 marks)

(i)   ……………………………………………………………………………

(ii)   ……………………………………………………………………………

(iii)   ……………………………………………………………………………

(iv)   ……………………………………………………………………………

22.(a) Differentiate between computer hardware and software.(04 marks)

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b)   List any four internal components of computer hardware.   (04 marks).

(i)   ……………………………………………………………………………

(ii)   ……………………………………………………………………………

(iii)   ……………………………………………………………………………

(iv)   ……………………………………………………………………………

c)   Name two computer input devices other than a keyboard and mouse.   (02 marks)

(i)   ……………………………………………………………………………

(ii)   ……………………………………………………………………………

23.Explain the classification of computers giving an example of each.

(i)   ……………………………………………………………………………

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(ii)   ....

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(iii)   ....

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24.a)   Write the following in full.
(i)   CPU...

(ii)   GIGO...

(iii)   BIOS..

(iv)   PC...

(v)   RISC..

(vi)   OS...

b)   State 2 components of the a CPU and in each case give the role.
                                                                (04 mark)

(i)   ....

....

(ii)   ....

....

25.(a) Explain the term **generation** in computer science.   (01 mark)

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(b)   Give the technology that is characteristic of each generation listed.

(03 marks)

First generation

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Second generation

....

Third generation

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(c)   List down three differences between second generation computers
       and fifth generation computers   (06 marks)

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

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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)……………………………………………………………………………

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(ii)………………………………………………………………………………

………………………………………………………………………………

(iii)……………………………………………………………………………

………………………………………………………………………………

iv)………………………………………………………………………………..

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(v)………………………………………………………………………………

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