

NAME .....stream.....signature.....

Computer  
Studies  
Theory Paper  
840/1  
2½ Hours

SHAMMAH HIGH SCHOOL EXAMINATION COUNCIL  
SENIOR THREE END OF TERM TWO 2018  
COMPUTER STUDIES  
PAPER 1  
2 HOURS 30 MINUTES

**INSTRUCTIONS TO CANDIDATES:**

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

*Section A and B are compulsory*

*ALL correct answers for Section A must be written in the boxes provided*

*Section C contains three questions; attempt any one question from this section.*

FOR EXAMINERS USE ONLY

1		6		11		16	
2		7		12		17	
3		8		13		18	
4		9		14		19	
5		10		15		20	

[illegible]

## SECTION A

1. A microcomputer is often called a pc. The abbreviation “pc” stands for:  
A. personal computer      B. portable computer      C. politically correct      D. personal calculator
2. Which of the following is an essential piece of hardware for a computer to work?  
A. processor      B. scanner      C. hammer      D. word processor
3. The c in CPU stands for:  
A. central      B. computer      C. complex      D. control
4. The speed of a computer is measured in:  
A. CPUs      B. MHz      C. MBs      D. RAM
5. Which of the following statements is/are not true?  
A. Information stored in ram is erased when the computer is turned off.  
B. Information stored in rom is erased when the computer is turned off.  
C. The m in rom stands for memory.  
D. Hard disks, floppy disks and CD-ROMs are all used to store computer programs.
6. To open an application such as excel you choose....  
A. Start / all programs / microsoft office tools/excel  
B. Start / all programmes /microsoft office/ excel  
C. Start / all programs /microsoft office/excel.  
D. Start / desktop/ microsoft word/ excel
7. To shrink a window you press...  
A. The minimize button      C. The close button  
B. The maximize button      D. The restore button
8. A (n)..... Control the allocation and usage of hard ware resources.  
A. Debugger      B. Compiler      C. Operating system      D. Application software
9. Assembly language programs are converted into language instructions by a (n)....  
E. Assembler      F. Compiler      G. Interpreter      H. Debugger.
10. Viruses are activated in all of the following ways except by:  
A. Deleting e-mail without opening or executing any attachment  
B. Opening an infected file  
C. Booting a computer with an infected floppy disk in the disk  
D. Running an infected program.
11. A (n) ....., which is used almost exclusively by banking industry, can read text printed with magnetic ink.  
A. Bar code scanner  
B. Optional character recognition reader (ocr)  
C. Optional mark recognition reader (omr)  
D. Magnetic-ink character recognition character recognition Reader (micr)

- ### SECTION B (60 MARKS)

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(ii). List any three components of a computer system (3 marks)

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(c) i What is a computer program? (2 marks)

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ii) Distinguish between information processing cycle and machine cycle. (2 marks)

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22. a) Define the term hardware. (1 mark)

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b) i List any 3 hardware components found inside a computer system unit. (3 marks)

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ii) Write CMOS in full (1 mark)

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iii) Distinguish between a CMOS chip and CMOS battery (2 marks)

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c). explain the function of the following parts of a keyboard during data entry (03 marks)

(i) Backspace key

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(ii). Delete key

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(iii). Caps lock key

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23.a) Distinguish between a system software and an application software (2 marks)

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b). List any three categories of system software (3 marks)

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c) Explain any three system tools (3 marks)

i. ....

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ii. ....

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iii. ....

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24. (a) Define the term debugging (01 marks)

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(b) (i) What is a computer generation? (01 marks)

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(ii) Fill in the table below correctly (03 marks)

Generation	Major development
First generation	
Second generation	
Fourth generation	

(c). State any three disadvantages of computers in the third generation (04 marks)

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d). Explain any two features of computers in the fifth generation (02 marks)

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25. a) What is a computer network? (1 mark)

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(b). Give any two resources that can be shared on a computer network. (02 marks)

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(c) i. Define the term topology. (1 mark)

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ii). Distinguish between a peer-to-peer and client-server networks (02 marks)

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(iii). State any four advantages of a client-server over a peer-to-peer network (04 marks)

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26. a) Distinguish between the following terms

i) Extranet and Internet (2 marks)

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ii) *Simplex* and *Full-duplex* modes of data transmission (2 marks)

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b) List any **four** common services provided by the Internet (4 marks)

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(c) Give any two Disadvantages of using the Internet (2 marks)

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### SECTION C (20 MARKS)

*Answer one question from this section*

**27.** (a) Define the term multimedia (02 marks)

(b). Explain any five features of a good PowerPoint presentation (10 marks)

(c). Give the meaning of the following terms in relationship to presentation software:

i). Slide master (02 marks)

(ii). Transition loop (02 marks)

(iii) Handouts (02 marks)

(iv). Slide sorter view (02 marks)

28.(a) What are your expectations about the role of Computers in the future (10 marks)

(b) Explain any five careers in field of computer studies. (10 marks)

29. A computer is a harmful tool, do you agree (20 marks)

End