Name: …………………………………………………………………………………

Index No……..……. /…………….. Signature: …………………………………………

840/1
COMPUTER STUDIES
Paper 1
JAN/FEB 2021
2 ½ Hours

KAMSSA JOINT MOCK EXAMINATIONS
Uganda Certificate of Education
COMPUTER STUDIES

Paper 1

2hours 30 minutes

Instructions to candidates:

▪ Write your name, index number and signature legibly in the spaces provided.

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

▪ Write your best alternative: **A**, **B**, **C** or **D**, in the boxes opposite questions **1** to **20**.

▪ *Answers* to *Section B* should be written in the spaces provided.

For Examiner l Use Only

MCQ	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	TOTAL

© 2021 Kampala Integrated Secondary School's Examinations Bureau   *Turn Over*

SECTION A (20 MARKS)

1. Which one of these is old?
   A.   Microsoft Word   B.   UNIX
   C.   Epi-Info   D   .Microsoft Access

2. **ASCII** stands for…

   A.   American Standard Code for International Interchange.

   B.   American Standard Code for Information Interchange.

   C.   American Standard Code for International Information.

   D.   American Standard Code for International Interest.

3. If the computer monitor does not come on when pressing the power button, it is quite possible that…

   A.   The keyboard is not connected.

   B.   There are some loose or disconnected plugs.

   C.   The computer is not connected to a UPS.

   D.   A virus has deleted some of the files.

4. Gregory pressed the print icon to print his assignment but there was no response from the printer. What could be the problem?

   A.   The printer had run out of paper.

   B.   There was a paper stuck in the printer.

   C.   The printer was not connected.

   D.   There was no printing option in the program.

5. Which of the following is a folder?

   A. Exam.doc.   B. Exam.jpg

   C. Exam.xls.   D...Exam

6. As Juliet was typing a report using MS Word, the power suddenly went off and luckily enough she had a UPS installed. What will be her most appropriate action to do now?

A. Turn the lights on.   B. Save the document.

C. Turn the power switch off.   D. Wait for the power to be back on.

7. Computer with ………….specifications will load programs faster
   A.600MHZ   B. 900MHz
   C.700MHz   D. 1GHz

8. An anti-virus is an example of
   A. A user interface   B. An operating system
   C. An application software D. A utility program

9. An example of a cell reference in a spreadsheet is?

   B. #1.   B. 2B.

   C. $1.   D.B2.

10. Which of the following is **true** of an Excel spreadsheet?

   A. One can do calculations in a spreadsheet.

   B. One can create a letter in a spreadsheet.

   C.A student can type an essay using a spreadsheet.

   D.A student can download information using a spreadsheet.

11 The tracks on a diskette are made of…

   A. Cylinders.   B. FATs.

   C. Grooves.   D. Sectors.

12. The fastest type of data access is…

   A. RAM.   B. ROM.

   C. Disk.   D. CD.

13. The decimal form of 100011 binary is

  A. 6.   B. 35.

  C. 49.   D. 100011.

14. What kind of hardware would you use to put your signature into a file?
  A. Printer.   B. DVD Player.
  C. Digitizing tablet.   D. PowerPoint.

15. Which of the following is **not** a feature of a system software specification?

  A. Cost.   B.RAM.

  C. Processor speed.   D. Hard disk capacity.

16. How many fields are in a table with 7 (seven) records?

  A. 7.   B. 14.

  C. 21.   D. 49.

17. Which of the following is a database file?

  A. Jesus.mdb.   B. Jesus.doc.

  C. Jesus.jpeg.   D. Jesus.ppt

18. Which of the following is **true** about an absolute reference in a spreadsheet?

  a. It can only be used on individual cells but not on ranges.

  b. The spreadsheet does recalculation every time it is used.

  c. The reference cell changes when you copy within a worksheet.

  d. The reference cell stays the same no matter where you copy it within a worksheet.

19. What happens when the "**Print Screen**" key on the keyboard is pressed?

  a. Whatever is on the screen will be printed.

  b. The document seen on the screen will be printed.

  c. What You See on the screen Is What You Get when printed.

  d. Everything seen on the screen will be copied to the clipboard to be pasted later.

20. One advantage of a LAN is to…

    a. Enable the sharing of power source.

    b. Help in forming a link between users.

    c. Enable sharing of resources such as printers.

    d. Increase processor speed of standalone computers.

SECTION B (60 MARKS)

*Answer **all** questions in this section. All the working **must** be done in the spaces provided.*

21. a) What do you understand by the term computer software?

……………………………………………………………………………………………

……………………………………………………………………………………………

(2 marks)

b) Outline any two categories of computer software

……………………………………………………………………………………………

……………………………………………………………………………………………

(2 marks)

c) Basing on any one category mentioned in b) above, give any two examples.

……………………………………………………………………………………………

……………………………………………………………………………………………

(2 marks)

d) i) Define the term a word processor as applies to application software.

……………………………………………………………………………………………

……………………………………………………………………………………………

(2 marks)

ii) Mention any two examples of word processing software

……………………………………………………………………………………………

……………………………………………………………………………………………

(2 marks)

22. a) Study the figure below and answer the questions that follow.

	A	B	C	D	E	F	G	H	I	J	K
1	NAMES	COMP	CRE	MTC	ENG	TOTAL	AVERAGE	MIN	MAX	POS	
2	GEOFREY	40	40	32	43	155	38.75	32	43	6	
3	GILBERT	67	65	43	76	251	62.75	43	76	3	
4	SANDRAH	12	32	54	98	196	49	12	98	5	
5	APIO	15	32	68	12	127	31.75	12	68	7	
6	KAIJA	90	65	93	43	291	72.75	43	93	1	
7	ROGERS	92	87	32	54	265	66.25	32	92	2	
8	OPUSI	8	98	59	65	230	57.5	8	98	4	
9											

a) Total mark for OPUSI

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

b) Average for SANDARH

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

c) Position for KAIJA

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

d) Total average mark for all the students.

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

(4 marks)

ii) Give any *two* examples of spreadsheet application programs apart from ms excel.

a) ………………………………………………………………………………………………

b) ………………………………………………………………………………………………

b) (i) Name **two** areas where spreadsheet can be applied or used

1 ……………………………………………………………………………………………………

2 ……………………………………………………………………………………………………

(2 marks)

(ii) Mention **four** merits of using electronic spreadsheets

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

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

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

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

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

(4 marks)

23. a) (i) What is a **browser**?

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

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

(2 marks)

(ii) Give **two** examples of browsers

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

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

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

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

(2 marks)

b) Mention **three** advantages of using email as a means of communication *(3 marks)*

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

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

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

c) Outline **three** limitations of using email as means of communication   *(3 marks)*

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

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

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

24. (a) (i) Differentiate between a **cold boot** and a **warm boot**   *(2 marks)*

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

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

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

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

(ii) Name **two** kinds of information stored in the CMOS of a personal computer

……………………………………………………………………………………………

……………………………………………………………………………………………

(2 marks)

(b) Give **two** examples of secondary storage devices

……………………………………………………………………………………………

……………………………………………………………………………………………

(2 marks)

c) Give **four** examples of secondary storage media

……………………………………………………………………………………………

……………………………………………………………………………………………

……………………………………………………………………………………………

……………………………………………………………………………………………

(4marks)

25. (a) Name any **four** output devices you

……………………………………………………………………………………………

……………………………………………………………………………………………

……………………………………………………………………………………………

……………………………………………………………………………………………

(4marks)

b) Suggest **one** suitable input device for each of the following tasks *(6 marks – 1mark@)*

1. To enter instructions in a CLI – ……………………………………………

2. To move the pointer in a GUI – …………………………………………..

3. To input text/graphics from hard copies into electronic format – ………………

4. To read the barcodes of products in a supermarket – ……………………………

5. To record human voice into the computer – ………………………...…………

6. To control a video game – …………………………………………...……..

26. (a) What is a **computer network**?

…………………………………………………………………………………………………

…………………………………………………………………………………………………

…………………………………………………………………………………………………

(2 marks)

b) Mention **three** network types you know

…………………………………………………………………………………………………

…………………………………………………………………………………………………

…………………………………………………………………………………………………

(3 marks)

c) List any **two** network media

…………………………………………………………………………………………………

…………………………………………………………………………………………………

(2 marks)

d) Write the following in full:

     1 IRC- …………………………………………………………..

     2 FTP - ………………………………………………………….

     3 NIC- ………………………………………………………….

(3 marks)

SECTION C (20 MARKS)

Attempt only **ONE** *question in this section. Answers to the question* **must** *be done in the answer sheet provided.*

27. (a) Explain any **five** features of a spreadsheet application.   *(10 marks)*

    (b) Briefly explain **five** advantages of using Microsoft Excel.   *(10 marks)*

28. Explain any **ten** end-user application programs available in the market today.

                                                                        (20 arks)

29. (a) Explain **four** services of the Internet that you know.

                                                                        (8 marks)

    (b) Give your arguments in favor and against the impact of computers in Uganda.

                                                                        (12 marks)

END