NAME: .... CLASS/NO: ....

GAYAZA HIGH SCHOOL
S3 COMPUTER STUDIES – 840/1
END OF YEAR EXAMINATION, 2018
2½ hours

Section A: (20 Marks)
Answer all questions in this section in the grid provided

1. The part of the central Processing Unit that performs logic operations and calculations is the ....
   A. Logic Unit   B. ALU   C. ROM   D. Control Unit

2. The following are types of system software **except** ....
   A. expert Systems   C. operating systems
   B. utility programs   D. programming languages

3. The importance of a master slide in presentation software is to ....
   A. Filter data slides
   B. Relate data slides
   C. Display multiple slides on a screen
   D. Insert items that appear on every slide

4. The idea of networking of computers was introduced in the .... generation of computers.
   A. first   B. second   C. third   D. fourth

5. The purpose of air conditioning in a computer laboratory is ....
   A. Regulating power consumption.
   B. Upgrading computer hardware.
   C. Upgrading computer software.
   D. Regulating temperature.

6. An artificial environment that is created with a software and presented to the user is ....
   A. Advanced Robotics.   C. Virtual Reality.
   B. Real Mode.   D. Interactive mode.

7. One physical measure of preventing computer systems from crime is ....
   A. data encryption   C. setting passwords
   B. burglar proofing   D. activating firewalls

8. Which of the following is an example of a translator in programming?
   A. Compressor   B. Debugger   C. Compiler   D. Defragmenter

9. Section breaks in Word processing are used to divide the document into ....
   A. subtopics
   B. parts between pages
   C. paragraphs
   D. columns with in a table

10. The computer specification that would determine the quality of a picture in a computer system is the ....
    A. RAM capacity
    B. screen resolution
    C. screen size
    D. hard disk capacity

11. The following are classifications of computers by "purpose":
    A. Mainframe and microcomputers
    B. Minicomputers and microcomputers
    C. Special and general computers
    D. Digital and analog

12. The basic use of a **primary key** in a database is to
    A. Uniquely identify a record
    B. Sort records
    C. Modify a file structure
    D. Act as an alternative identifier

13. A Local Area Network (LAN) without a dedicated server is called .... network
    A. An intranet
    B. A ring
    C. A peer to peer
    D. A client server

14. A web browser is a ....
    A. Page which has links to other web pages.
    B. Page that appears each time you start your web.
    C. Collection of programs maintained by the webmaster.
    D. Program that enables you to view and explore information on the web.

15. One of the functions of a database management software is to ....
    A. Mail merge
    B. Enhance presentations
    C. Update records
    D. Download attachments

16. A diagnostic process that a computer runs to determine if the hardware is working properly when a computer is switched on is ....
    A. debugging
    B. troubleshooting
    C. downloading
    D. power-on self-test

17. The format for describing the location of resources over the internet is ....
    A. DNS
    B. WEB
    C. URL
    D. ISP

18. In spreadsheet software, the file you create and save is called a ....
    A. Worksheet
    B. Document
    C. Spreadsheet
    D. Workbook

19. Which of the following is **not** a unit of data storage?

    A. Field   B. Bit   C. Byte   D. Character

20. The option on the menu bar which enables one to name a document and store it on a storage device using another name is ……………………

    A. new   B. edit   C. save   D. save as

SECTION A: ANSWER GRID

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

SECTION B: (60 MARKS)
Answer all questions in this section in the spaces provided

21. a) Describe a **footnote** in a word processing document.   (02 marks)

....

....

b) Name the **two** types of page orientation.   (02 marks)

....

c) State what is meant by the action **cut and paste** while working on the   (01 mark) computer.

....

....

d) Give any **two** presentation software.   (02 marks)

....

e) Differentiate between **slide transition** and **slide animation** as applied to presentation software.   (02 marks)

....

....

f) Outline the main purpose of the **slide sorter view**. (01 mark)

....

....

22. a) What is a **computer**? (02 marks)

....

....

b) Name the keyboard buttons used to perform the functions given below: (03 marks)

i) When the key is pressed, it erases a character to the right of the cursor.

....

ii) Pressing the key takes the cursor to the next line.

....

iii) When pressed it saves the screenshot to the computer's clipboard.

....

c) Write down **two** contributions of computers in the area of teaching (02 marks)
and learning.

....

....

d) Give one task done by each of the following computer professionals (03 marks)

i) Computer Technician.

....

ii) Computer Programmer.

....

iii) Data Entrant.

....

23. (a) What is a **formula** in a spreadsheet? (02 marks)

....

....

(b) Describe how names on a list of your class members can be sorted in ascending order in a spreadsheet. (02 marks)

....

....

....

(c) The manager of Muvule supermarket uses a database to store data about groceries they sell as reflected in the part of the database below.
Use it to answer the questions that follow:

BARCODE	PRODUCER	GROCERY	NUMBER IN STOCK
0049179000794	Herbot	Frozen carrots	412
0027200190653	Ago Vet	Chicken	725
0010029000016	Uwanga	Margarine	578
0014559021017	Magaga	Garlic Powder	306
00104790012133	Muyawo	Baking Powder	613

i) How many fields are there in this part of the database? (01 mark)

....

ii) Give the name of the field that contains numeric data. (01 mark)

....

iii) How many records are there in this part of the database? (01 mark)

....

iv) If the data above is sorted in descending order by **NUMBER IN STOCK**, what will be the barcode of the first record in the database after it has been sorted? (02 marks)

....

v) Explain why the manager assigned **BARCODE** as the primary key. (01 mark)

....

24. a) Explain the function of an input device. (02 marks)

....

....

b) Give **one** example of an: (02 marks)

Input device ....

Output device ....

c) Define a **device driver** in a computer. (02 marks)

....

....

d) Name any **three** system requirements considered before installing windows operating

system on a computer. (03 marks)

....

....

....

e) Give **one** reason why a computer may be restarted. (01 mark)

....

....

25. a) Explain the term **Application software**. (02 marks)

....

....

b) Give **two** examples of application software. (02 marks)

....

....

c) Outline **two** factors to consider before buying an application software. (02 marks)

....

....

26. a) Describe the following terms: (02 marks)
  i) Router.

....

....

....

  ii) Repeater. (02 marks)

....

....

....

b) State **any** two types of data transmission media. (02 marks)

....

....

c) Write the following acronyms in full. (04 marks)

IP: ....

ISP: ....

URL: ....

DNS: ....

d) With aid of suitable diagrams where applicable, describe the difference between half-duplex and full-duplex modes of data transmission. (04 marks)

....

....

....

....

....

....

....

....

27. Assuming you have secured a contract of networking computers in a computer laboratory, sketch and explain **four** possible network layouts you can present to the contractor for approval. (20 marks)

28. A user wishes to buy a laptop computer. Describe **five** specifications to consider when buying the laptop. (20 marks)

❝ *The best preparation for tomorrow is doing your best today.*

H. Jackson Brown, Jr.

~ Happy Holidays ~