

GATITU SECONDARY SCHOOL

Form 1 mid Term Examinations Term 2 2015

ADM: _____ Name: _____ Class: _____

INSTRUCTIONS: ANSWER ALL QUESTIONS PROVIDED ~ 100 MARKS

1. Which part of a computer does the following functions;
 - a. Display activities done in the computer _____ =1mk
 - b. Enter text data into the computer _____ =1mk
 - c. Execute commands by controlling the cursor on the screen _____ =1mk
 - d. Hosts the CPU, Motherboard, drives and cards _____ =1mk

2. State the difference between a general purpose computer and a dedicated computer =1mk

3. State any **three** characteristics of super computer =3mks

4. State any **three** uses of computers in a Governor's office =3mks

5. What is a **modem**? What is it used for? =2mks

6. List any **four** advantages of computers =4mks

7. State any **three** characteristics of 2nd Generation computers =3mks

8. State **five** safety precautions that can be practiced in the computer laboratory to avoid smoke and dust =5mks

9. State any **five** security precautions that can be practiced in the computer laboratory to ensure the security of computers, computer software and private and confidential documents =5mks

10. Explain the **three** entities that make up a computer system =3mks

11. State the functions of the following keyboard keys =5mks

a. Backspace key:

b. Spacebar

c. Menu key

d. Arrow keys

e. Caps lock key

12. Explain the term **system unit** and name any **four** of the components found in it =4mks

13. Describe the two types of processors =2mks

14. Match the table below; =4mks

Type of ROM
1. EPROM
2. PROM
3. MASK ROM
4. EEPROM

Function
a. Can be erased and programmed with electricity
b. Contents can be erased by exposing it to Ultra Violet light
c. Allows the use to alter it once after the content has been written on it
d. Once the content has been written on it, it cannot be changed

15. A. Outline the **three** characteristics of RAM

=3mks

B. List the **two** types of RAM

16. Describe the **three** functions performed by the CPU

=3mks

17. What are computer buses? List the **three** types of buses found in the CPU

=4mks

18. Output devices are classified as either softcopy output or hardcopy output;

=4mks

a. List any **two** types of softcopy output

b. List any **two** types of hardcopy output

19. Define the following terms in relation to monitor display terminologies

=3mks

a. Pixel

b. Resolution

c. Display size

20. A. Your aunt who is an entrepreneur has decided to buy a printer for her transaction activities and has approached you for advice. Which printer will advise her to purchase that has the ability to produce coupon copies, and why? =2mks

B. State **five** factors to consider when selecting a printer =5mks

21. Which of these monitors is not a flat panel screen? **LCD, GAS PLASMA, CRT, OLED** =1mk

22. State **five** activities that can be practiced to take care of magnetic disks =5mks

23. State **two** uses of computer's power supply unit =2mks

24. Give **two** advantages of USB interface cables =2mks

25. Distinguish between **serial** and **parallel** interface =2mks

26. The surface of a disk platter is divided into _____ and _____ that store data =2mks

27. State any **two** solid state storage devices =2mks

28. The advert below is an extract from a newspaper; use it to answer questions below

=5mks

Computer Planet Computer Sales; Desktop Computers

4 GB RAM, 2.2 GHz Core 2 quad Processor i5,
19" TFT, 1 TB HDD, Windows 8, Office 2014, WI
FI, Bluetooth enabled

- a. What is the size of memory? _____
- b. What is the capacity of the harddisk? _____
- c. What is the speed of a processor? _____
- d. State one advantage of a core processor? _____
- e. What is the display size of the monitor? _____

29. Robi bought a new 8 GB memory card for her Smartphone. She intends to store her favorite MP4 music clips, pictures and movies

- a. Assuming each MP4 music clip has a capacity of 2MB, how many clips will she save at 50% of the total space? _____

=3mks

- b. If she uses 90% of the remaining space to store movies, how much capacity in **Kilobytes** will be left to store pictures? _____

=2mks

THE TWO MOST IMPORTANT DAYS IN YOUR LIFE ARE THE DAY YOU ARE BORN AND THE DAY YOU FIND OUT WHY.

Mark Twain

A Www.Manyamfranchise.COM Production