JUNIOR SCHOOL ASSESSMENT
GRADE EIGHT -YEAR 2024
PRE-TECHNICAL STUDIES.
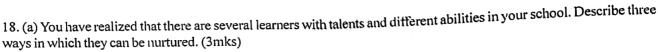
NAME_____

SCHOOL: _____ ADM NO: _____ DATE:

TIME: 1HR. 40MIN

PRE TECHNICAL STUDIES

1.
   a. Rules and regulations are very important for any safety in the society. State four rules and regulations for observing safety 4mks
      i. .
      ii. .
      iii. .
      iv. .
   b. Name three careers one can undertake in the field of personal safety   3mks
      i. .
      ii. .
      iii. .

2.
   a. Write 3 differences between metaling and non-metallic materials (3mks
      i. _____
      ii. _____
      iii. _____
   b. In each of the following nonmetallic materials, identify the item made from them 3mks
      i. Plant materials - _____
      ii. Mineral materials - _____
      iii. Soil materials - _____

3.
   a. Household tools are used to perform different tasks around the house. Which tasks are performed by the following tools?   2kms
      i. Cleaning tools _____
      ii. Scooping tools _____
   b.
      i.

      ii.
   c. Identify two ways of caring for and maintaining farming tools   2mks
      i. _____
      ii. _____

4.
   a. _____ drawing is a drawing that allows the communication of emotions, ideas or feelings
   b. Write two uses of technical drawing
      i. _____
      ii. _____
   c. The following are instruments used in technical drawing. Write how each of them is used 2mks
      i. Pair of dividers _____
      ii. Set square _____

Grade

d.   Draw a sketch of oblique lines. 1mks
5.   Grade 8 teacher wrote the following sources of energy on the blackboard
     i.   Coal
     ii.   Wind power
     iii. Solar power
     iv.   Nuclear energy
     v.   Hydropower
     vi.   Petroleum products
   Group above sources into. 2mks
   i. Nonrenewable - _____
   j. Renewable - _____
       b.   Name three uses of energy
       i.   _____
       ii.   _____
       iii. _____

6.(a) Grade 7 learners used a digital device to search full meaning of the acronyms types of computer in full. Write down the correct meaning. (3mks)
     i. ENIAC

     ii. EDVAC

     iii. UNIVAC

(b) What is the meaning of the term artificial intelligence (AI). (2mks)

7. Identify the parts of a computer that perform the functions below. (2mks)
        (a) Storage and transfer information

        (b) Connecting different parts of a computer

8. Storage devices form an important part of computer hardware. List any three examples of storage devices used in computer. (3mks)

9. State three ways in which computers are used in banking. (3mks)

10. Fill the type of computer or the characteristics of a computer in the table below. (5mks)

TYPE OF COMPUTER	CHARACTERISTICS
_____	Used to play games
Main frame computer	_____
____ _____	Are single system and single user
Super	_____
__ _____	Have more memory and large storage

11. State down three causes of repetitive strain injury (RSI). (3mks)

12. CPU – Central Processing Unit has 3 components. List them

13. Marion Junior School got a sponsorship to set up a computer laboratory. State factors to consider before setting a computer laboratory.

14. The following are icons representing wireless networks. Name them

(a) _____   (b) _____

15.(a) State three benefits of studying business studies. (3mks)

(b) The following are terms used in business consumption, distribution, production. Arrange them in the right order from the first to the last. (1mk)

16. Wambui went to the bank to deposit some money. Before the cashier would key in the figure in the computer, she placed the notes on light. Write three features the cashier checked to confirm the validity of the note (3mks)

17. Differentiate between the following. (4mks)
(a) Free goods and economic goods

Gra

(b) Private goods and public goods

18. (a) You have realized that there are several learners with talents and different abilities in your school. Describe three ways in which they can be nurtured. (3mks)

(b) State three ethical issues related to the use of talents and abilities in business. (3mks)

19. (a) Define production. (1mk)

(b) Mention four factors of production. (4mks)

20. Grade seven learners went for a field study at illbissil livestock market on Friday which was a market day. The traders in the market discussed the different methods of payment that are used. In each of the following name the method of payment. (4mks)

(a) Partipoi – I exchanged my five goats for a cow

(b) Tupet – I paid for the bull using the money that was in my pocket

(c) Kores – I requested the veterinary officer to vaccinate my cow whereby I will pay for the services after a month

(d) Panin – I had no cash in my pocket but I paid the price of this donkey using my phone

21. The Kenya Revenue Authority has been given the mandate to collect tax from citizens and businesses. Mention four ways in which money collected as tax is spent