## SCIENCE MODERATED ITEMS 2023 ITEM 2/15 MAKING GUIDE 2/15 SECTION A (40 marks)

TREWITE 1805+
Sandel 805+
one on milk from

 Identify the group of vertebrate that feeds its young one on milk from mammary gland.
 Mam mals

2. What is capacity?

Is the amount of liquid contained in the

3. Give one difference between plants and animals though they are all living things. Plants make their own food While animals cannot make their own food

4. Write the component of soil that is formed from plant and animal remains.

Humus.

The diagram below shows a type of weather in our environment. Use it

to ansv



5. Which condition of weather is shown in above diagram?

6. How can you protect yourself from the danger of the above type of weather?

7. State the functional difference between arteries and veins.

Arteries carry oxygenated blood acce except pulmonary artery while veins carry deoxygenated

8. Under what condition would you advise a poultry farmer to carry out culling? In case of a viral disease outbreak.

9. Give one way through which pineapples are propagated.

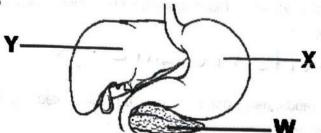
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10.	using a straw.  Air exerts pressure *
11.	Apart from filtration, name one other method that is used to obtain clear water for washing.  Decantation
In	the diagram below, normal bean seeds were planted and the
	onditions shown in the experiment. Study the diagram and use it
	nswer questions 12 and 13.
dry	cotton wool B C wet cotton
12.	What condition is missing in container A?
	Moisture
13.	State the role played by cooking oil in container C. Cooking oil prevents oxygen from reaching the
14.	Cooking oil prevents oxygen from reaching the Define the term "addiction" as used in drugs use.  Addiction is when a person depends on a drug Name one vaccine that is administered orally. For normal functioning Why is it important to carry out mulching in crop growing?
15.	Name one vaccine that is administered orally. for normal functioning
16.	Mulching improves soil fertility
17.	How is the soan deeful when both in a
18.	Spap removes dirt from the body   Spap kill- Apart from rain and lakes, state any one natural source of water. Germs on H Rain Give one plant that can be grouped together with Massac
19.	Give one plant that can be grouped together with Mosses.
20.	terns   Mass Liverworts   Horsetails What is soil conservation?

attended on the service of the subgraphy and the way to include additional and the service of the service and the service and

Soil conservation is the way of maintaining THIS MARKING GUIDE WAS MADE BY TR BWIRE SAMUEL (WHATSAPP) +256708438054

The diagram below shows part of the digestive system. Use it to ansv



- 21.
- Where is the digestive juice produced at part marked Y stored? 22. In the gall bladder
- Which sense help you to identify the colour of a doth? 23.
- Give one advantage of using paddock grazing in livestock management. Padduck grazing controls ecto parasites in cattle How often should one brush teeth? 25.

Every after a meal

The diagram below is of a device driven by one of the resources in our environment. Use it to answer questions 26 and 27.



- Name the above device. Wind mill 26.
- 27. State the resource that enables the above device to work.
- How is heat different from temperature? Heat is the form of energy that increases the temperature of an object while 28
- femperature is the degree of hotness or coldness of a Write down one activity of PHC that helps to promote community hygiene. 29.
- Burning rubbish / Opening frenches 30. Give one mainutritional disease known to you.

Kwashiorkor / Marasmus / Scurvy.

What type of change occurs when water changes to ice? exactation (NOT FREEZING)

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Note: - Freezing is a physical change state of matter.

32.	Identify the product mainly got from Saanen goat.
33.	Give one example of a person with special needs.  Lame person   Blind person.
34.	How is the reproduction of yeast different from that of other fungi? Yeast reproduce by budding unlike other fungi.
35.	In which body part does respiration take place?
36.	What is pitch as used in the study of sound?
37.	Why do we need latrines at school?  Latrines help in proper disposal of human waste Write 3D's in full.
38.	Write 3D's in full. Déarrhoea Dehydration Death.
40 <b>41</b> 40.	. State one characteristic of arachnids. Arachnids have four pairs of jointed legs.
	pork. Tapeworms.
41(a)	What are essential drugs? These are drugs that are used to treat and cure common diseases.
(b)	Give one example of essential drugs.  Panadol, Ampicillin, Chloroquin, Pain Killers.  Mention any one quality of an essential drug.
(c)	Mention any one quality of an essential drug. A good essential drug should be accessible,
(d)	How can essential drugs be a disadvantage to us? affordable, effective Essential drugs encourage self
42.	A good essential drug should be accessible, How can essential drugs be a disadvantage to us? affordable, effective Essential drugs encourage self medication. Some have side effects on a human body.  The diagram shows the movements of a steel strip after being
	twanged. Use it to answer questions that follows
- 4	up and down movements steel strip