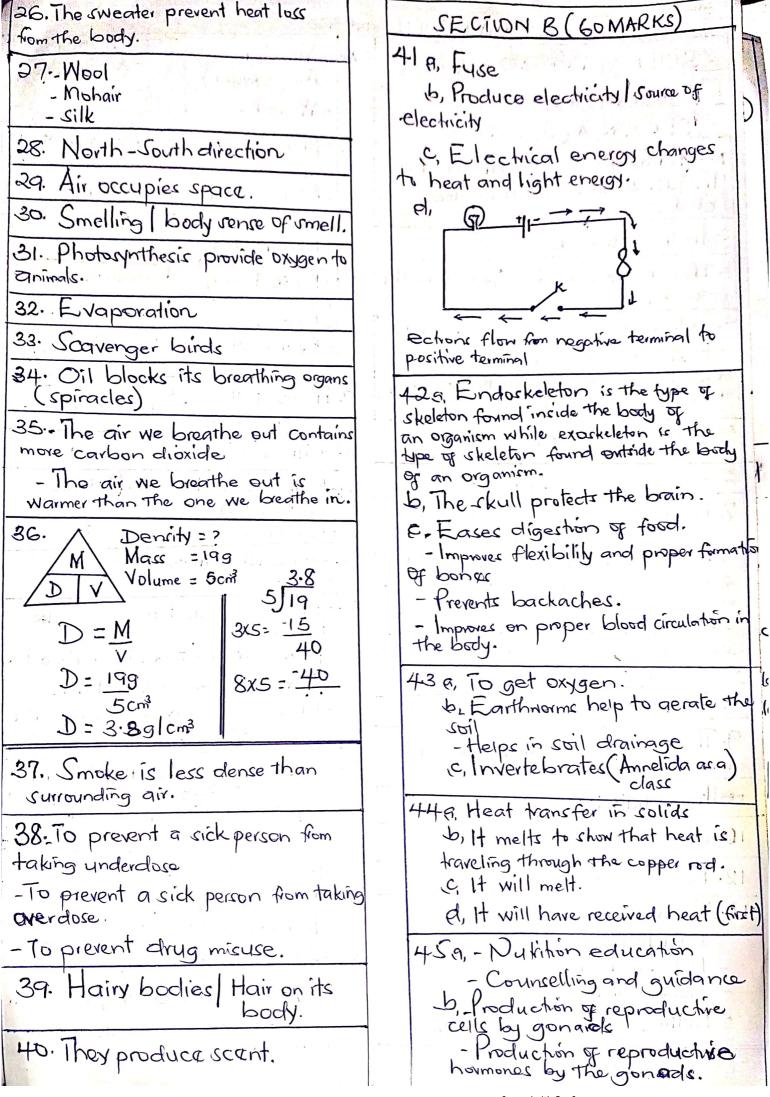
THE NERDS EXAMINATION S	ERIES TURNS
SCIENCE PRE-MOCK SET1.  MARKING GUIDE  SECTION A (40 MARKS)  1 Polio, Measles, Diphtheria, Tetanus. Influenza type B. Tuberculosis, cholera etc.  2. In the stomach  3. The use of solar energy reduce the rate at which trees are cut.  4. Both change the direction of force Both allow the use to apply a smaller force to overcome resistance hence making the work easier to perform.  5. Fungus   Fungi (dermatophyte)  G. Both are caused by heat.  7. Reflection enables us to see our images in plane mirrors Reflection helps spectators to watch football matches over the head of crowde using a periscope Reflection enables submarriers to see over the surface of the sea using	14 - Moisture - Air (Oxygen) - Warmth.  15 - Physical changes help in rainfall furnation Diological changes help in rippening of fuits, germination, rippening of
8. Agro-forestry	- Playing CDs in a CD player Playing memory Cards on mobile
9. The comb was positively charged hence able to attract pieces of paper.	Phones. etc  NB They prevent  back flow of blood  by enabling it to
10. Chemical energy	flow in one direction
12. Radiation  13. Yellow leaves - Curl leaves - Holes in leaves Stunted growth - Rotting of plant parts eg leaves.	- Poor sanitation Poor feeding foor personal hygiene  - Fibrous roof system.  25-Ovany produce Destrogen hormone - Ovany produce progesterone hormone.



45,c, - Sencitizing people about the dangers of AIDS. - Mobilizing people to govilest blood.

- Sensitizing people about the effects of AIDs in a community

46. a, bronchus

& The volume of the baloon increases

c, More carbon dioxide is produced during respiration.

4,-To trap dust particles

470, Silling

b, Uncontrolled burning lead to stil erosion hence destroying the upper layer of the soil.

- Uncontrolled bush burning lead to loss of tertility in the

- Leads to death of important soil organisms like earthwarms which help in soil aeration.

- Uncontrolled bush burning cause the soil to become compacted hence reducing its ability to absorb aw and water.
- Uncontrolled bush burning teads to loss of important soil nutrients like nitrogen, phosphorus and potassium which one crucial for plant growth and development.

C. Silling destroys the breeding

- Exposes fish to predators - Destroye the habitat for fish. 4- Sia, Tethering mothed.

b-An animal feeds on a balanced diet (best pasture)
- Eases manure collection by the farmer.

- Reduces pasture wastage - Reduces animal movement hold hence preventing them

from destroying crops.

C, Paddock grazing starves ticks to death hence breaking their lifecycle.

d, Colostrum opens the digestive tract of a newly borne calf.

499, Both are propagated by means of suckers.

b, Vegetative propagation, involves one plant to produce the offspring while seed propagation involves more than one part.

- Vegetative propagation produce brigh yields while seed propagation produce by yields

- Vegetative propagation enables plants to maintain their genetic characteristics.

(6) Explosive mechanism! Self explosion.

50. a, Leaves\_ Manufacture ford
for the plant
b, Roots - Absorb plant
numents from the
goit.

C. Ctam Transports water

C. Stem-Iransports water and mineral sabts of Flower. Develop into fruits and seeds 519, Bile pigment.

b-Melanin helps to determine the skin colour.

- Melanine proted the skin against radiation from the

- Melanin helps the skinto regulate body temperature.

C'-COINT

- Cuts

- Wounds

- Burns

- Scalds.

529, Light enables us to ree

b. Opaque objects block light rays hence farming shadows.

C, ringer (2 marks

9+62° = 90°

9+62°-62 = 90°-62°

= 280

539, Fighting - Defilement

- Stealing . - Smoking

- Abortion - Drug abuse

- Alcoholism

b,- Lead to school chop out.

Maylead to destruction of property eg

It head to unwanted pregnancies H Leads to lung carrier og umokung May lead to death.

549 Modern bee hive (Top ban) eb, Honey harvesting refera to the process of collecting honeyfilled honey combs from the beetine while honey extraction is the process of removing the. honey from the honey comb. - Honey harvesting involves Physical removal of the honey filled combs from the beefine while honey extraction involves the honey from the comb.

is Floating the wax method

- Pressing honey comb

- Solar melter method

559, Milk set of teeth. &. They have broad, flat surface for grinding and enishing

G - Cracked teeth

- Broken teeth

- Improper famation of teeth.

- Impacted teeth

END

Tel: 0770847430 0789265871