

PRIMARY EDUCATION SERVICES NETWORKING ORGANIZATION (PESNO)



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FIRST STANDARD IV – MOCK EXAMINATION – 2021

SUBJECT: SCIENCE AND TECHNOLOGY [05]

DATE: 28TH APRIL 2021

TIME: 1 HR 30 MIN

CANDIDATE'S NAME: _____

SCHOOL: _____

DISTRICT: _____ **REGION** _____

INSTRUCTIONS:

1. Answer all questions as per instructions in each section.
2. Observe neatness in your workings.
3. This paper has 4 questions in 4 printed pages.

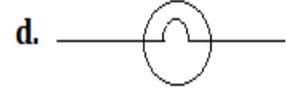
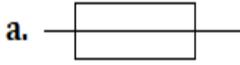
SECTION A: MULTIPLE CHOICE

1. Choose the letter of the correct answer and write it in the box provided

i. The gas produced by plants during the day is known as

- a. Hydrogen b. carbon dioxide c. oxygen d. nitrogen

ii. Which of the following symbols represents an appliance in an electric circuit

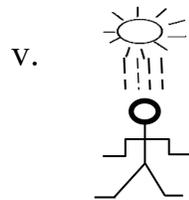


iii. The following are unfriendly actions to the environment **EXCEPT**

- a. Afforestation b. mining c. garbage d. deforestation

iv. which one of the following food is rich in both protein and minerals salts

- a. beans b. milk c. vegetables d. rice



This illustration shows heat transfer through

- a. Conduction b. radiation c. air d. convection

2. Match the following standard devices in list A correctly with their functions in list B by writing the letter of the correct answer in the spaces provided

LIST A	ANSWERS	LIST B
i. Beam balance		A. Measures temperature
ii. Measuring cylinder		B. Measures weight
iii. Tape measure		C. Degree centigrade
iv. Thermometer		D. measures mass
v. spring balance		E. grams, kilograms, kilometers
		F. Measures length
		G. Measures volume

3. Use the words in the box below to answer the following questions

Reflection, absorbed, refraction, image, shadow, translucent, transparent

i. What is formed when light rays strike on an opaque material?

ii. What kind of materials are clouds, smoke and white clothes?



iii. What does this illustration show _____

iv. When light rays fall on a shining surface or a mirror, it shows

v. What happens when light rays fall on black materials

4. The following are functions of parts of the digestive system which are not in the correct order of the parts. Arrange them correctly by giving the sentences letters A, B, C, D and E

i. The part that digested food is absorbed

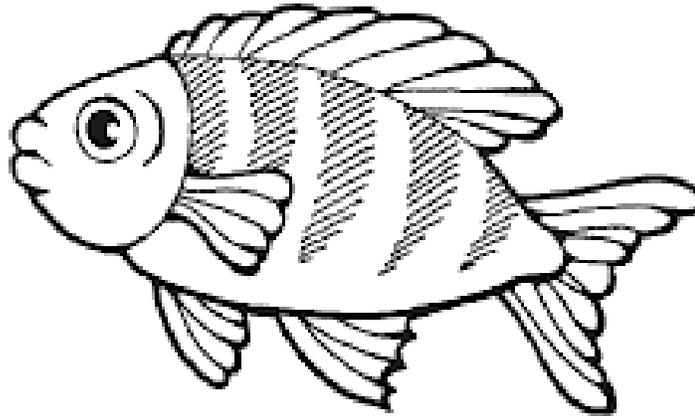
ii. The part that absorbs water and mineral salts

iii. Digestion of food begins here

iv. The part that contains hydrochloric acid

v. The part that joins the mouth to the stomach

5. Use the diagram below to answer the following questions



i. What is the natural habitat of the organism above _____

ii. What is the breathing mechanism of the above organism?

iii. The mode of locomotion used by the organism is

iv. What food group is the organism above rich in?

v. If a person does not eat food rich in the organism above, what is he or she likely to suffer from?
