**SECTION A (40 MARKS)**

1. Give one health habit one should practice to avoid food contamination.

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2. Which body organ does Hepatistis affect?

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3. Give any one example of a fossil fuel.

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4. Besides being vertebrate, how else are birds similar to mammals?

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5. Why is it necessary to drain stagnant water around a home?

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6. On the diagram below, label with letter x the part that produces pollen grains.

7. Apart from capital, give one other requirement for starting a livestock farm?

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8. Identify one accident that requires the use of splints in giving firstaid.

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9. Give one exotic breed of goat reared for milk production.

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10. Name the energy resource obtained from animal dung and urine.

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11. State one way of reducing echoes in a hall.

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12. Give one reason why we use toothpaste for brushing teeth.

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13. The diagram below shows a horse shoe magnet. Identify pole marked P.

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14. Give one disadvantage of free range system of poultry.

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15. Identify one condition in babies that causes drylips and a sunken soft spot on the head.

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16. Why are animals grouped under renewable resources?

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17. Which mineral salt is necessary for the formation of red blood cells in people?

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18. Apart from melting, state any one other physical change that takes place in the presence of

heat.

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19. Name the disease that affect both rabbits and poultry.

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20. Why does oil settle on top when mixed with water?

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21. Give one example of wading bird.

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22. In which method of making water clean do you first allow the impurities to settle at the

bottom of the container?

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23. State the piece of advice given to a person who suffers constipation.

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24. Why is maize grouped under monocotyledonous plants?

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25. How is the function of the pulmonary artery different from that of other arteries?

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26. Which property of air enables you to drink soda using a straw?

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27. What name is given to disease caused due to lack of a certain food value in one’s diet?

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28. State one way in which married couples can avoid HIV/AIDS among themselves.

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29. In which way is the use of solar energy good to our environment?

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30. Which body system help to remove harmful waste products produced by the body cells?

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31. In which way can a donkey be used as an energy resource?

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32. What is a joint?

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33. Mention one PIASCY message.

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34. Why is a pregnant woman said to be a vulnerable person?

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35. Which element of PHC promotes quick recovery?

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36. Describe one importance of a school health parade.

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37. Which component of soil is needed by plants to make food?

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38. State one similarity between a housefly and a fresh water snail.

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39. Which force enables us to walk?

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40. Give one secondary sex characteristic in boys.

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**SECTION B (60 MARKS)**

41. a) Which term refers to a sudden happening that results into injury or death?

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b) Give two examples of (a) above.

i) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) State any one quality of a good firstaider.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

42. a) Name one exotic breed of cattle purposely reared for;

i) beef production \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) milk production \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) State one way you can identify a beef breed from a dairy breed.

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c) Apart from beef and milk production, how else are cattle useful to people?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

43. a) What is seed dispesal?

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Name any two agents of seed dispersal.

i) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) State one advantage of seed dispersal in the environment.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

44. The table below shows joint and their position in the human body. Study it and complete it

correctly.

**Joint Position in the body**

Pivot joint \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ shoulder

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ knee

Suture joint \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

45. a) Primary Five pupils were given two objects i.e an apple and a brick. Which method

would the pupils apply to find the volume of each.

1. an apple \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. a brick \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Name any equipment the pupils needed to have to find the volume of an apple.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

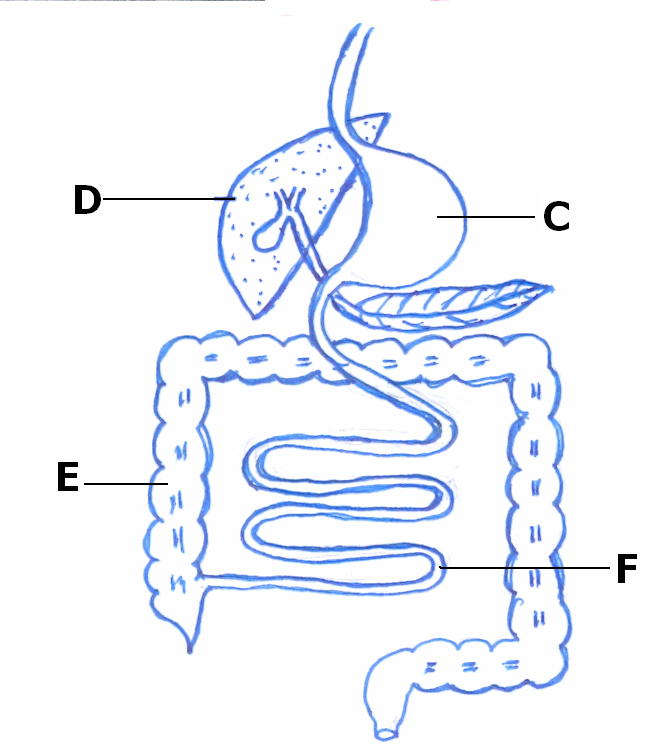
c) If the brick had a mass of 120gm and a density of 5gm/cc, what volume did they pupils

get?

## 

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46. The diagram below shows the alimentary canal of man. Study it carefully and answer

questions that follow.

B

a) Name the parts labelled D and F.

i) D \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ii) F \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Mention the digestive juice produced by B.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) Why does digestion of food end in part F?

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47. a) State any two differences between a housefly and a spider.

i) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Give one similarity between a housefly and a spider.

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c) Mention one disease spread by a housefly in people.

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48. a) Blood is a liquid tissue found in the body of most animals. Name any one component of

blood.

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1. Give at least two functions of blood in the human body.

i) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) In the space below, draw and name the shape of any blood cell.

49. a) Write STD in full.

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b) Give any one example of STDs caused by bacteria.

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c) Suggest any two dangers of premarital sex.

i) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

50. a) State one danger of taking drugs without a medical workers instructional.

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b) Mention any two useful pieces of information written by a medical worker on a

prescription sheet given to a patient.

i) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) Give any one reason why people take medical drugs.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

51. a) Give one way in which Primary Health Care(PHC) is a promoted in a family.

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b) State one way PHC is promoted by each of the following;

i) individuals \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) community \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) Mention one role of a school health committee.

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52. a) What type of change takes place when a knife rust?

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b) Give two conditions necessary for rusting to take place in a knife.

i) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) State any one effect of rusting on a knife.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

53. Match the source of energy to the type of electricity produced.

**Source Type of electricity**

flowing water solar electricity

hot springs thermal electricity

burning of coal hydro electricity

the sun for thermal electricity

i) flowing water \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) hot springs \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

iii) burning of coal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

iv) the sun \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

54. a) What is sound? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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b) John was hitting a drum 10m away from where Tom was sitting. How was Tom able to

hear the sound of the drum?

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c) How does a drum produce sound?

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d) Give any one natural source of sound.

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55. Name one example of a disease people are likely to get under the following condition.

i) poor disposal of faeces \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) poor feeding \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. having unprotected sex \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. poor personal hygiene \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Good luck!***