

**PRIMARY FIVE SCIENCE BOT TERM III – REVISION PAPER 12**

**Section A (40 Marks)**

1. Which ***property of matter*** enables pumping of air into a tyre?

\_\_\_\_\_

2. To which ***body system*** does the stomach belong?

\_\_\_\_\_

3. State the difference between **kidding** and **kindling**.

\_\_\_\_\_

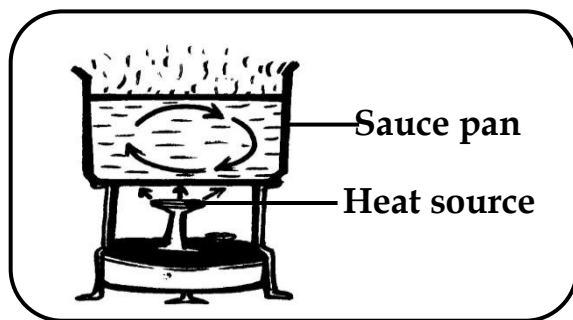
4. Mention any **one** factor that determines the weight of an object.

\_\_\_\_\_

5. Give the use of **gills** to a fish.

\_\_\_\_\_

**The diagram below is about heat transfer in the environment. Use it to answer questions 6 and 7.**



6. What do the arrows show in the diagram above?

\_\_\_\_\_

7. How does heat pass through the saucepan to reach the water?

\_\_\_\_\_

8. Mention any **one** bacterial disease in tuber crops.

\_\_\_\_\_

9. Which **type of clouds** is a clear sign of sunny weather?

\_\_\_\_\_

10. Give the use of a spur to a domestic fowl.

11. How does ironing clothes control skin diseases?

12. Name any one local material made from banana fibres.

13. Why is it bad to pour paraffin in the latrine?

14. Write down one example of a local breed of sheep.

The diagram below is showing the type of incubation. Use it to answer question 15 and 16.



15. Name the *type of incubation* shown in the diagram above.

16. Give one advantage of using the above type of incubation to a farmer.

17. Name the *type of germ* that causes Cholera.

18. State the best way of preventing goitre in babies.

19. Why is the checking of finger nails carried out on health parades?

20. Name the *component of air* which is a by- product during photosynthesis.

21. What name is given to *the resting stage of a bee*?

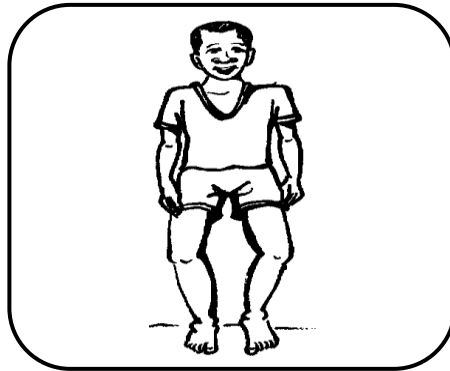
22. How does bush burning lead to soil erosion?

23. How are halteres important to an insect?

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24. Name the **standard units** for measuring heat energy.

The diagram below shows an infant suffering from a deficiency disease. Use it to answer questions 25 and 26.



25. Which **deficiency disease** is the above infant suffering from?

26. How can the **deficiency disease** named in (25) above be prevented?

27. State the **main function** of the lungs.

28. Name the **type of change** that takes place during germination.

29. Give any **one** symptoms of malnutrition.

30. How is a nest important to a wild bird?

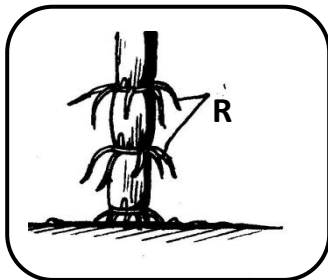
31. Name **one** point on a busy road where pedestrians cross from.

32. Mention the **type of soil** with the lowest drainage.

33. Write **3Ds** in full.

34. How is a **hygrometer** important at a weather station?

35. The diagram below is of a root. Use it to answer questions 36 and 37.



36. Name roots marked **R**.

37. Mention one plant with such kind of roots.

38. Give any one way of promoting community hygiene.

39. Write down one example of a recreation activity.

40. Give one condition that can lead to bottle feeding.

**Section B (60 Marks).**

41. (a) Name the **type of bee** which has the ovipositor.

(b) Why are **worker bees regarded as female sterile?**

(c) Give any two roles of worker bees in the hive.

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

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

42. (a) How are cotyledons of a bean seed and endosperm of a maize grain similar?

(b) Why is a maize grain regarded as a fruit?

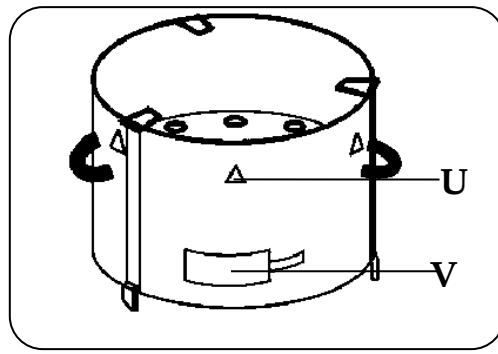
(c) Give two characteristics of monocots.

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

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

43. **The diagram below is of a charcoal stove. Use it to answer questions that follow.**

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(a) Give the use of the holes marked **U** and **V**.

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

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

(b) Why do people prefer using clay stoves than metallic charcoal stoves?

\_\_\_\_\_

(c) Apart from charcoal, mention one example of wood fuel.

\_\_\_\_\_

44. (a) What is meant by the term **crop rotation**?

\_\_\_\_\_

(b) Give two advantages of crop rotation.

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

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

(c) Why are crop farmers advised to carry out bush fallowing during crop rotation?

\_\_\_\_\_

45. (a) Give one importance of first aid as an element of **PHC**.

\_\_\_\_\_

(b) Under which element of **PHC** is antenatal care provided?

\_\_\_\_\_

(c) Which element of **PHC** is promoted by;

(i) sweeping the kitchen \_\_\_\_\_

(ii) Feeding on a balanced diet \_\_\_\_\_

46. (a) Apart from a clinical thermometer, mention two types of thermometers.

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

(b) How is a kink of a clinical thermometer adapted to its function?

\_\_\_\_\_

(c) Write the normal temperature of a person in degrees celcius.

\_\_\_\_\_

47. (a) Which ***type of fracture*** is characterized by the tearing of the body tissue?

(b) Give the **first aid** for fractures.

(c) How are the following items important when giving first aid?

(i) **Stretcher** \_\_\_\_\_

(ii) **Crutches** \_\_\_\_\_

48. Match the following practices to their use.

<u>A</u>	<u>B</u>
Shearing	giving birth in pigs
Docking	cutting wool.
Furrowing	cutting sheep's tail.
Deworming	giving medicine to goats.
(a) <b>Shearing</b>	_____
(b) <b>Docking</b>	_____
(c) <b>Furrowing</b>	_____
(d) <b>Deworming</b>	_____

49. (a) Mention **two** examples of natural changes in the environment.

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

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

(b) Write down **two** examples of man-made changes in the environment.

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

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

50. (a) Apart from body contact, give **two** ways germs can spread.

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

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

(b) In which **two** ways can one control mosquitoes in a home?

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

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

51. (a) Where does an irish potato store its food?

(b) Mention **two** tuber crops that are first planted on a nursery bed.

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

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

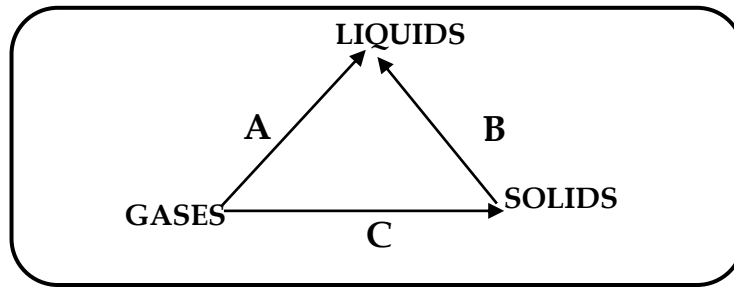
(c) How are sharp claws important to tuber crop pests?

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52. (a) Give **two** importance of roughages in the diet.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_  
(b) Mention **two** food stuffs rich in roughages.  
(i) \_\_\_\_\_ (ii) \_\_\_\_\_

53. The diagram below shows changes of state in matter. Use it to answer questions that follow.



(a) Name process marked A, B and C

(i) A: \_\_\_\_\_ (ii) B: \_\_\_\_\_

(iii) C: \_\_\_\_\_

(b) Which form of energy enables process B to take place?

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

54. Give **two** uses of wind to crop farmers.

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

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

(b) State any **two** dangers of wind to a crop farmer.

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

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

55. (a) Which type of soil is good for;

(i) building \_\_\_\_\_

(ii) pottery \_\_\_\_\_

(b) Mention any **two** pottery items that you know.

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