

1. Name **one** type of latrine.

.....

2. Give **one** reason why it is dangerous to take shelter under tall trees during rain.

E-LEARN PRE PLE SET 7 QUESTION 21

Related content.

3. State any **one** function of the diaphragm during the process of breathing.

E-LEARN PRE PLE SET 8 QUESTION 53(b)

Related content.

4. Name **one** agent of soil erosion.

E-LEARN PRE PLE SET 2 QUESTION 53(b)

53(b). Name any **one** agent of soil erosion.

The diagram below shows an animal in the group of invertebrates. Use it to answer questions **5** and **6**.

E-LEARN PRE PLE SET 3 QUESTION 9



Same diagram, related content

5. Name the animal shown in the diagram.

.....

6. State the group of invertebrates to which the animal belongs.

E-LEARN WELCOME TO P.7 QUESTION 48

48. Under which group of vertebrates does animal **B** belong. – similar content

7. Mention any **one** way in which vegetables can be kept fresh for some time.

E-LEARN PRE PLE SET 8 QUESTION 21

21. *similar content*

8. State **one** way in which bacteria are useful in the formation of soil.

E-LEARN PRE PLE SET 1 QUESTION 47 (C)

47(c) ii. *How is bacteria useful to the soil?*

9. Give the reason why a person suffering from bilharzia develops anaemia.

E-LEARN WELCOME TO P.7 QUESTION 3

3. *State the reason why people suffering from malaria develop anaemia.*

10. Mention **one** way in which air circulation in rabbit hutch can be improved.

E-LEARN FINAL SET QUESTION 42(b)

3. *Give **one** importance of a wire mesh on the rabbit hutch R.*

E-LEARN FINAL SET QUESTION 46(c)

46(c). *State the role of a wire mesh on a hutch.*

11. State the reason why the human skin develops goose pimples during cold weather.
.....

12. Give **one** way in which you can utilize empty plastic bottles at home.

E-LEARN WELCOME TO P.7 QUESTION 33

33. *Mention any **one** way people can re-use plastics in our homes.*

13. Mention **one** function of a bandage found in a first aid kit.

E-LEARN PRE MOCK SET 3 QUESTION 44(b)

44(b). *How useful is a bandage to a first aider?*

E-LEARN PRE MOCK SET 4 QUESTION 4

4. *What is the importance of a bandage in giving first aid to a casualty?*

14. State **one** way in which fermentation is important in our daily life.

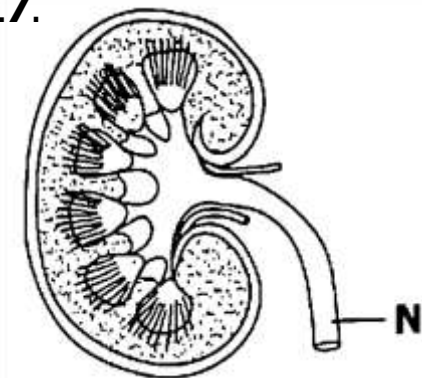
E-LEARN MID TERM TWO SET 2 QUESTION 46(b)

46(a). *How is the method in (a) above (**fermentation**) important?*

15. State any **one** reason why a builder would prefer a pulley to an inclined plane when lifting sand from the ground to the top of the building.

.....

The diagram below shows a human body organ. Use it to answer questions **16** and **17**.



E-LEARN PRE PLE SET 8 QUESTION 44 (a) and (b)

*44. The diagram below shows a body system. (**KIDNEY**)*

16. Name the organ shown above.

Use it to answer questions that follow.

.....

17. Give the function of part marked **N**.

E-LEARN PRE PLE SET 8 QUESTION 44(a)

44(a). *Give the function of **A***

18. Identify any **one** effect of pests and diseases on tuber crops.

E-LEARN PRE PLE SET 7 QUESTION 38

38. *Give any **one** way pests destroy crops in the garden?*

19. State any **one** way in which taking medicine without instruction of a health worker can affect a family.

E-LEARN PRE PLE SET 1 QUESTION 54(c).

54(c). *What danger is Musa likely to face if he later used the drug without doctor's prescription?*

20. Mention **one** reason why harvesting of honey should be done during day time.

.....

21. Name the disorder in the skeletal system where a bone moves away from its normal position at a joint.

.....
22. State the reason why a cubic unit of wool weighs less than a cubic unit of a stone.
.....

23. State **one** way in which paddocking method of grazing cattle helps to break the lifecycle of pests on a farm.

E-LEARN PRE PLE SET 9 QN 48 (b)

48(b). Write down **two** advantages of using paddock grazing as a system of keeping cattle.

24. Give **one** way in which rusting is important to the environment.

E-LEARN PRE PLE SET 2 QN 24

24. Give any **one** way in which rusting of metals may be beneficial to the soil.

25. Name the element of Primary Health Care which promotes the human body cleanliness.

E-LEARN PRE PLE SET 6 QN 31

31. Which element of Primary Health Care is promoted by bathing daily?

26. Mention any **one** activity a School Health Club can do to improve the health of people in school.

E-LEARN PRE MOCK SET 1 QN 4

4. Write one role played by a school health committee in the control of ringworm at school.

E-LEARN PRE MOCK SET 4 QN 52

52(a). Mention any **two** activities carried out on a school health parade.

(b). How does a school health parade help to promote good health of pupils?

E-LEARN WELCOME TO P.7 QN 28

28. How useful is a school health committee in our community?

27. State the property of air used in filling balloons.

E-LEARN PRE PLE SET 7 QN 42(a)

42(a). Identify two properties of air used in filling a bicycle tyre.

E-LEARN PRE PLE SET 8 QN 42(b)

42(b) Which property of air enables lungs to expand during breathing in.

28. State any **one** way in which planting of trees alongside crops improves the quality of soil.
.....

29. Give **one** reason why we should regularly wash our hands with clean water and soap.

E-LEARN PRE PLE SET 4 QN 37

37. *Why are we advised to always wash hands after visiting a toilet or latrine?*

E-LEARN END OF TERM ONE QN 14

14. *Why do we wash hands after eating food?*

30. Mention **one** way in which the antennae of insects are similar to the human skin in terms of function.

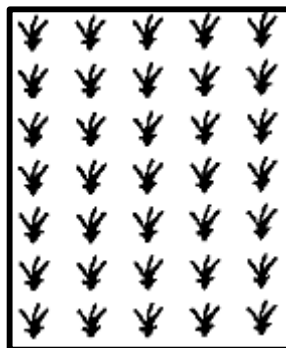
.....

31. Give **one** reason why the vacuum in thermos flask prevents heat loss by conduction and convection.

E-LEARN PRE MOCK SET 3 QN 32

32. *How does a cork of a vacuum flask able to prevent heat loss by conduction?*

The diagram below shows a method of planting crops. Use it to answer questions **32** and **33**.



32. Identify the method of planting crops shown above.

.....

33. State any **one** advantage of planting crops shown in the diagram above.

E-LEARN PRE PLE SET 5 QN 33

32. *Give **one** advantage of row planting.*

E-LEARN PRE PLE SET 6 QN 42(b)

42(b). *Give any **two** advantages of row planting to a farmer.*

34. Give any **one** example of an emotional change in adolescents.

E-LEARN PRE PLE SET 9 QN 44

44. *Related content*

35. Name the immunisable viral disease which is spread due to poor sanitation.

-
36. State the reason why a ray of light bends as it passes through a glass block.
-

37. State any **one** way of conserving water as a resource in the environment.

E-LEARN PRE PLE SET 8 QN 47(c)

47(c) Give **one** way of conserving trees as a resources in the environment.

38. Mention **one** reason why you are encouraged to brush the tongue as well when cleaning the teeth.
-

39. Mention any **one** way in which electric shock can be prevented in a home.

E-LEARN PRE PLE SET 8 QN 46(b)

46(b) Why should electric wires be properly insulated?

E-LEARN PRE PLE SET 9 QN 54(d)

54(d) State the importance of wire insulation in our houses.

E-LEARN PRE PLE SET 1 QN 10

10. Why should electric wires be properly insulated?

40. Give any **one** way in which crop farmers can keep seeds viable for a long time.

E-LEARN PRE PLE SET 7 QN 34

34. State the main reason why grains should be dried properly before storage.

SECTION B: 40 MARKS

Answer **all** questions in this section.

Question **41** to **55** carry four marks each.

41. (a) Name the class of food that helps in the repair of body cells.
-

- (b) Apart from contamination of food, mention any **two** other challenges that people who buy food from markets get.

(i)

(ii)

- (c) State any **one** way of controlling food contamination in a market.

E-LEARN PRE PLE SET 8 QN 21

21. Mention **one** way of controlling food contamination at home.

E-LEARN PRE PLE SET 10 QN 53(b)

53(b) Suggest any **two** ways of preventing food contamination.

42. (a) Name the germ that causes cholera.

E-LEARN MID TERM ONE SET 2 QN 12

12. Name the germ that causes cholera.

- (b) Explain why cholera is common in heavily populated communities. (02 marks)

E-LEARN MID TERM ONE QN 45(c)

45(c). Give **two** diseases that may break out due to the absence of a latrine in a school community.

- (c) Apart from proper use of latrines, mention any other way of controlling the spread of cholera in the community.

E-LEARN MID TERM ONE QN 33

33. State any **one** way of promoting proper hygiene of a home.

43. (a) Name the correct garden tool for transplanting seedlings.

E-LEARN PRE MOCK SET 2 QN 41(C)

41(c). Why is a trowel a suitable garden tool for transplanting seedlings from a nursery bed?

- (b) State the reason why evening time is the best for transplanting seedlings.

E-LEARN PRE MOCK SET 2 QN 41(a)

41(a). Give **one** reason why transplanting is done in the evening.

E-LEARN PRE PLE SET 6 QN 12

12. Why do we transplant seedlings in the evening?

E-LEARN PRE PLE FINAL SET QN 40

40. Give **one** reason why transplanting is done in the evening.

E-LEARN WELCOME TO P.7 QN 52(c)

52(c). *Why is advisable to transplant seedlings in the evening?*

(c) Mention any **two** advantages of mulching a garden after transplanting.

E-LEARN PRE PLE SET 8 QN 12

12. *Give any **one** importance of mulching.*

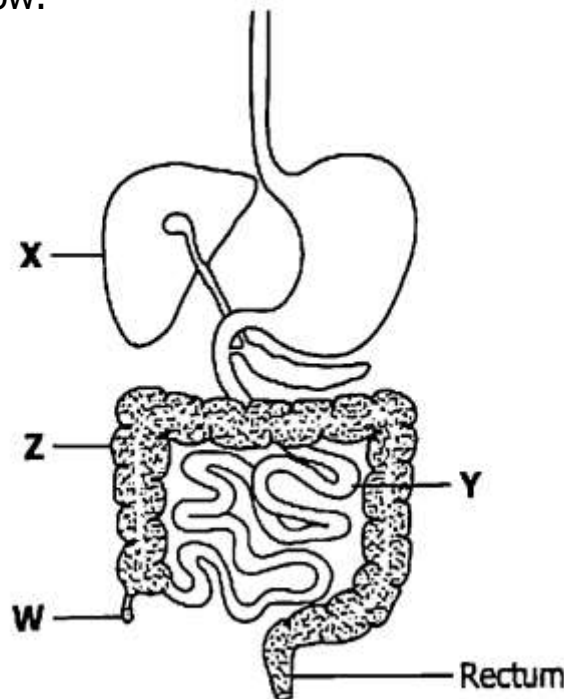
E-LEARN PRE PLE SET 3 QN 3

3. *Give a reason for mulching banana plantations.*

E-LEARN PRE PLE SET 4 QN 51(C)

51(c). *Why do farmers carry out mulching in a banana plantation?*

44. The diagram below shows part of human digestive system. Use it to answer the questions that follow.



(a) Name the parts labeled;

E-LEARN PRE PLE SET 8 QUESTION 49

(i) **X**

(ii) **W**.....
Same diagram, related questions.

(b) State any **one** function of the following parts:

(i) **Y**

(ii) **Z**

45. The table below shows some of the steps followed in the cleaning of clothes and purpose of each step. Complete the table correctly.

Step	Purpose
E-LEARN MID TERM ONE QN 23	Separating clothes according to needs.
Soaking
.....	Removing dirty soapy water from clothes
Ironing

46. (a) Give the meaning of the term **electromagnet**.

.....

- (c) You are provided with the following items: Iron nail, copper wire, a dry cell and some pins.

Describe how you can use the items to make a magnet. (03 marks)

E-LEARN PRE PLE SET 8 QN 51

51. *Diagram of an electromagnet.*

47. (a) Mention any **two** materials that can be used in a digester to produce bio gas.

E-LEARN PRE MOCK SET 1 QN 55

55. *The question required a candidate to fill in the materials used in production of biogas.*

- (b) Give a reason why a biogas digester should be tightly sealed.

E-LEARN PRE MOCK SET 3 QN 30

30. *State the reason of sealing a biogas digester during construction.*

- (c) Give **one** advantage of using bio gas.

E-LEARN MID TERM SET 2 QN 51(b)

51(b). *Write **two** advantages of using bio gas.*

48. The diagram below shows a person wearing a protective item made of cloth. Use it to answer the following questions.



(a) Name the protective item labelled **K**

.....

(b) Identify any **two** diseases that can be prevented by the use the protective item **K**.

E-LEARN MID TERM SET 2 QN 51(b)

51(b). Write *two* advantages of using bio gas.

(c) Mention any **one** good practice of using the protective item **K**.

.....

49. (a) Mention **one** example of musical instruments in each of the following groups.

(i) String Instruments

(ii) Percussion instruments

E-LEARN WELCOME TO P.7 QN 43

43. Name the groups of musical instruments marked **A** and **B**.

(i)**A** – XYLOPHONE- *percussion musical instruments*

(ii)**B** – HARP- *String musical instruments*

(b) Name any **two** methods of storing sound.

E-LEARN PRE PLE SET 5 QN 48(b)

48(b). Mention *two* methods of storing sound energy.

E-LEARN PRE PLE SET 7 QN 48(a)

48(a). Name the *methods of storing sound* B and C.

E-LEARN MID TERM ONE QN 53(b)

53(b). Mention *one* method of storing.

50. (a) State the name given to insects that live and work together.

.....

(b) Give any **one** way in which insects are useful to people.

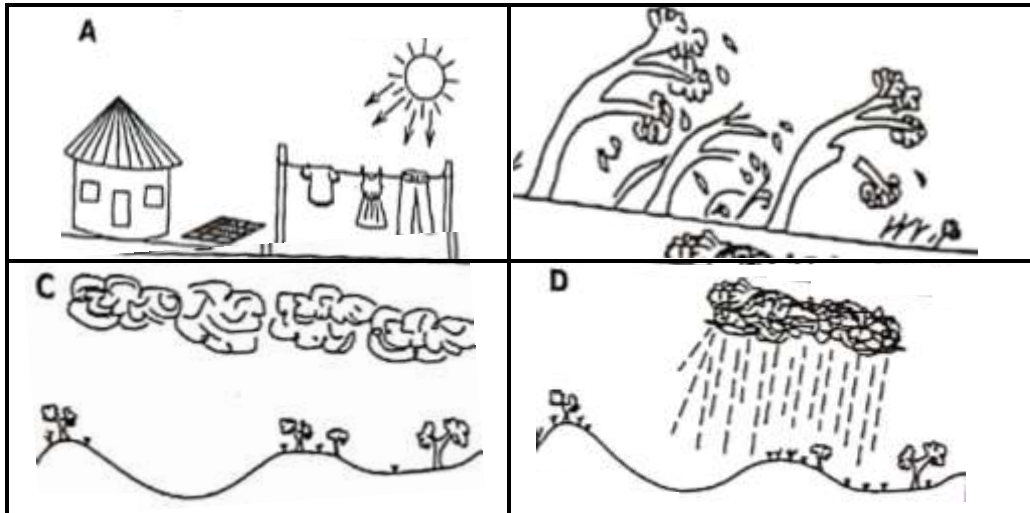
.....

(c) State any **two** human activities that are dangerous to insects in the environment.

(i)

(ii)

51. The diagram below shows types of weather. Study it and answer the questions that follow.



- (a) Name the type of weather marked **C**.

.....

- (b) State **one** way in which the type of weather **A** helps in the formation of the type of weather in **D**.

E-LEARN PRE PLE SET 8 QN 45(C)

45(C). *What is the function of the sun during rain cycle?*

E-LEARN MOCK QN 43(b)

43(b). *How is the sun important in the water cycle?*

- (c) Give **one** way in which people protect themselves from the effect of type of weather in **B**.

E-LEARN PRE MOCK SET 4(SST) QN 5

5. *How do people reduce the dangers caused by strong wind?*

- (d) State any **one** way in which too much of the type of weather in A is dangerous to the environment.

E-LEARN PRE MOCK SET 3 QN 54(c)

54(c). *State any two ways heat from the sun can be dangerous to our environment*

52. (a) State the meaning of the term **vaccine**.

.....

(b) Mention the way in which polio vaccine is administered.

E-LEARN MOCK QN 7

*7. How is the vaccine for the above disease (**polio**) administered in babies?*

E-LEARN PRE PLE SET 2 QN 7

*7. Apart from polio vaccine, mention any **one** other vaccine given to babies by putting drops in the mouth.*

(c) State the reason why vaccines should be stored in a cool place.

E-LEARN PRE PLE SET 1 QN 54(d)

54(d). Give one condition under which medical drugs are supposed to be kept.

E-LEARN WELCOME TO P.7 QN 44(c)

44(c). State any one condition under which drugs should be stored.

(d) Identify any **one** way you can support immunization programmes in your community.

E-LEARN PRE PLE SET 7 QN 5

*5. Give any **one** role of children in immunization.*

53. (a) Name the physical change which leads to the formation of the following:

E-LEARN MOCK QN 43(a)

43(a). State the physical process which leads to the formation of clouds.

(i) Ice

(ii) Rainfall - **E-LEARN PRE PLE SET 8 QN 45(d)**

*45(d). Name any **one** physical process that takes place during water cycle.*

(b) State any **two** effects of physical changes caused by soil erosion in the environment.

E-LEARN PRE PLE SET 2 QN 53

53. This question required the sign of changes caused by soil erosion on land and in the (c) part; a learner was asked to give the dangers of soil erosion.

54. (a) Name the **two** muscles found in the human arm.

E-LEARN MID TERM ONE SET 2 QN 40(a)

40(a). The diagram of muscles of the arm.

*(a) – Name the muscles marked **S** and **T** (**BICEPS** and **TRICEPS**)*

(b) State any **one** function of muscles in the human body.

E-LEARN PRE MOCK SET 1 QN 49(a)

49(a). Give **two** functions of muscles to the human body.

(c) State the importance of maintaining correct posture in humans.

E-LEARN PRE PLE SET 4 QN 19

19. Why are we always encouraged to have proper body posture?

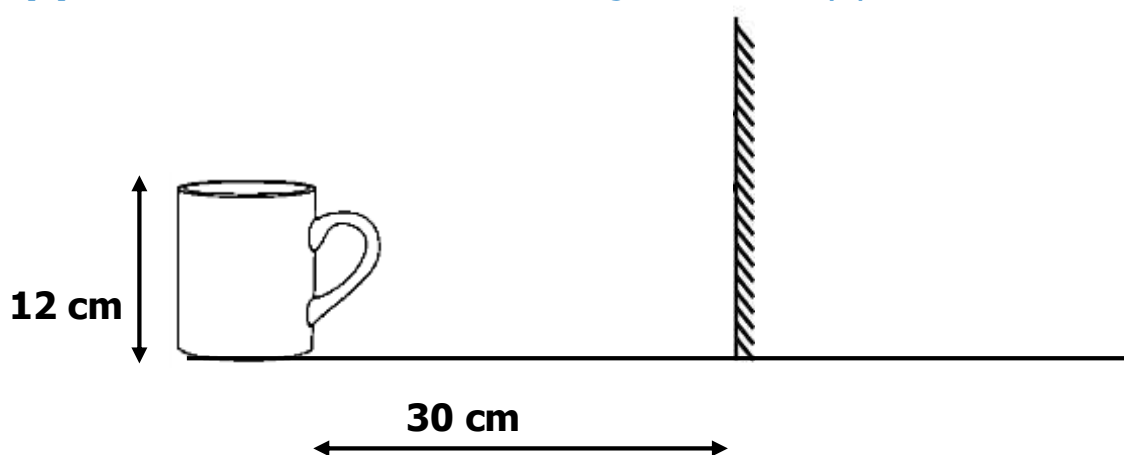
E-LEARN MID TERM ONE QN 20

20. Why are pupils encouraged to have a good body posture?

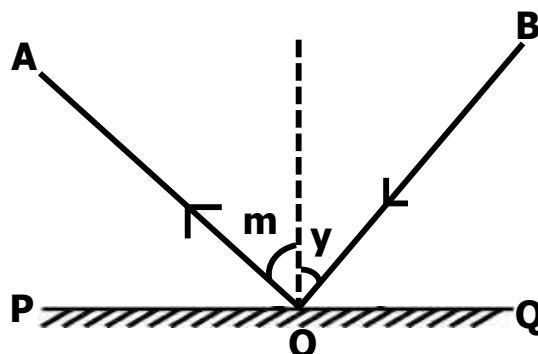
E-LEARN PRE MOCK SET 3 QN 45(c)

45(c). State any two ways of maintaining the skeletal system in proper working condition.

55. (a) The diagram below shows a cup 12 cm high placed 30 cm in front of a plane mirror. Draw the image of the cup.



(b) The diagram below shows a reflection on a plane mirror **PQ**.



(i) Name the ray **A**.

E-LEARN PRE MOCK SET 2 QN 43(a)

43(a). Name the ray marked **OP**.

(ii) State the relationship between angles **m** and **y**.

E-LEARN PRE MOCK SET 2 QN 43(b)

43(b). Find the value of a *< of incidence = < of reflection*

CONCLUSION:

Almost all questions for **PLE 2024** Science appeared in our **E-learn P.7 exams**.

Some questions were exact, others related and the rest required similar approach from the different exams that we had. Congratulations to those who trusted us!

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