

5. How is the type of weather shown above useful in our daily life?
6. Which part of a flowering plant develops into a branch?
7. Give one way a P.4 pupil can make use of moving air at school during break time.
8. Why is it important for every home to have a latrine?
9. Mention one way soil erosion is controlled in hilly areas.
10. Which insect pollinates flowers at night?
11. Name any one body part that hides germs on our bodies.
12. Which garden tool is used for harvesting cereals?
13. What does the red colour of traffic lights tell drivers to do?
14. State one reason why a P.4 child should bathe.
15. Name the part of roots that helps in absorbing water and mineral salts from soil.



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P.4 INTEGRATED SCIENCE MID-TERM II EXAMINATIONS - 2024

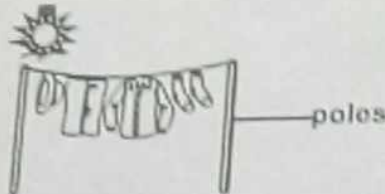
FOSTER CRITICAL THINKING AND EXPERIENCE. ACTUAL LEARNING WITH YTE ACTIVITY BOOKS, SEMAS, TR'S GUIDES AND PUPIL'S COMPANION

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name any one type of soil.
2. State the term used to mean the growing of a seed into a seedling.
3. Which material is used for scrubbing the body when bathing?
4. Which product from goats is used for making drums?

The diagram below shows a type of weather. Study and use it to answer question 5.



5. How is the type of weather shown above useful in our daily life?
6. Which part of a flowering plant develops into a branch?
7. Give one way a P.4 pupil can make use of moving air at school during break time.
8. Why is it important for every home to have a latrine?
9. Mention one way soil erosion is controlled in hilly areas.
10. Which insect pollinates flowers at night?
11. Name any one body part that hides germs on our bodies.
12. Which garden tool is used for harvesting cereals?
13. What does the red colour of traffic lights tell drivers to do?
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P.4 INTEGRATED SCIENCE MID-TERM II EXAMINATIONS - 2024

FOSTER CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SERIES, TR'S GUIDES AND PUPIL'S COMPANIONS

16. State one practice one can do to prevent cockroaches from entering leftover food.
- 
17. Which features enable a housefly to spread diseases among people?
- 
18. In which one way can a crop farmer improve on proper working of his/her panga when preparing to cut down trees?

The diagram below shows a PIASCY message put in a school compound. Study and use it to answer question 19.

## ABSTAIN FROM SEX

19. How is the message shown above important to school going children?
20. Name the natural habitat of a fish.
21. State **one** danger of mosquitoes to people.
22. Name the structures on a leaf that enable it to carry out breathing.
23. Which stage in the lifecycle of a mosquito is able to fly?
24. Why is harvested millet sun dried before storing it in the granary?
25. State **one** way animals like earthworms are important in the soil.
26. How are perennial crops different from annual crops?
27. Name the structures on a bird body which keep it warm.
28. Why are bees grouped under social insects?
29. Give any **one** importance of flowers to people.





30. Name the item at home where washed utensils are put to dry.  
\_\_\_\_\_
31. Which component of air is given out by plants during photosynthesis?  
\_\_\_\_\_
32. How is poor disposal of broken glasses dangerous to human beings?  
\_\_\_\_\_
33. Give **one** reason why people drain stagnant water around their homes.  
\_\_\_\_\_
34. Name the germ which causes **AIDS** among people.  
\_\_\_\_\_
35. What name is given to seeds with one cotyledon?  
\_\_\_\_\_

The diagram below shows an umbrella. Study and use it to answer question 36.



36. Which type of weather makes people to use the above item?  
\_\_\_\_\_
37. Mention **one** reason why people eat food.  
\_\_\_\_\_
38. Why do crop farmers weed their gardens?  
\_\_\_\_\_
39. Give any **one** sign of a crop damaged by pests.  
\_\_\_\_\_
40. Mention any **one** way of caring for birds kept at home.  
\_\_\_\_\_

#### SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. a) Name two methods of planting seeds.  
i) \_\_\_\_\_  
ii) \_\_\_\_\_
- b) Why is bush burning a bad practice during preparation of land for crop growing?  
\_\_\_\_\_  
\_\_\_\_\_



c) What name is given to a special garden where seedlings are raised before taking them to the main garden?

42. a) Name any two body sense organs found on the human head.

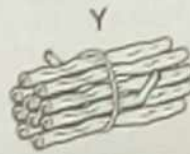
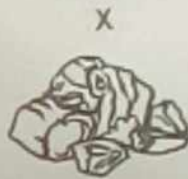
i) \_\_\_\_\_

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

b) Which body organ enables a P.4 pupil to detect the presence of salt in food?

c) State any one way of caring for the above mentioned body organ in part (b).

43. The diagrams below show two common examples of wood fuel. Study and use them to answer the questions that follow.



a) Name the wood fuel marked with letters X and Y.

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

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

b) Which of the two fuels produces much smoke?

c) Give one danger of using wood fuel to the environment.

44. a) Write any two changes in the environment caused by too much sunshine.

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

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

b) Give any two ways too much sunshine can be managed in the environment.

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

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

45. a) Mention two uses of leaves to people.

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

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

b) Name the type of leaves found in maize plants.

c) Which part of a leaf attaches it on the stem?

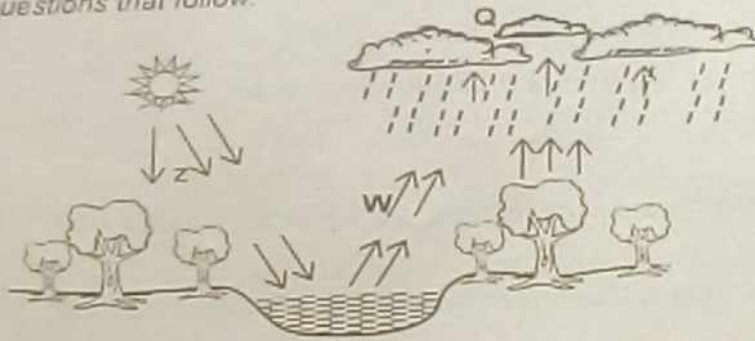


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P.4 INTEGRATED SCIENCE MID-TERM II EXAMINATIONS - 2024

SCOTT, CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SCHEMAS, TEACHER'S GUIDES AND PUPIL'S COMPANIONS

46. The diagram below shows a watercycle. Study and use it to answer the questions that follow.



a) Name the process taking place at parts marked Q and W.

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

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

b) Which type of clouds helps in the water cycle?

c) How are plants useful in a water cycle?

47. a) Give any two examples of fruits that give us juice.

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

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

b) Mention any two ways of caring for fruit trees in the school compound.

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

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

48. Match the following food values with their deficiency diseases in the table below.

food values	deficiency diseases
i) proteins	scurvy
ii) vitamin A	kwashiorkor
iii) carbohydrates	night blindness
iv) vitamin C	marasmus

i) proteins: \_\_\_\_\_

ii) vitamin A \_\_\_\_\_

iii) carbohydrates \_\_\_\_\_

iv) vitamin C \_\_\_\_\_



49. a) Name **two** items people use to harvest rainwater.

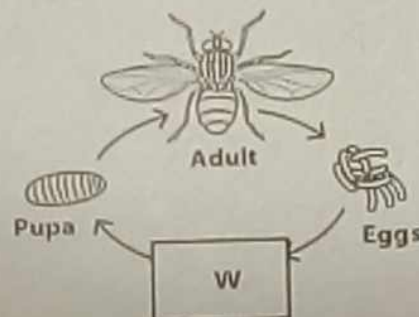
i) \_\_\_\_\_

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

b) Which instrument is used to measure the amount of rainfall received in an area?

c) Write **one** way rainfall is useful in the environment.

50. The diagram below shows different stages in the life cycle of a housefly. Study and use it to answer the questions that follow.



a) Name the stage marked with letter **W**.

b) Which stage in the life cycle above is dangerous to people?

d) Apart from a housefly, give any **two** other examples of insects that undergo the life cycle drawn above.

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

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

51. a) Who is a first aider?

b) State any **two** qualities of a good first aider.

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

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

c) Give any **one** way of managing road accidents.



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P4 INTEGRATED SCIENCE MID-TERM II EXAMINATIONS - 2024

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SOLAR, TUS GUIDES AND PUPIL'S COMPANIONS

52. a) Name any **two** diseases that affect the human body due to poor personal hygiene.

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

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

b) Write the importance of each of the following items used in cleaning the body;

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

ii) razor blade \_\_\_\_\_

53. a) Give any **one** reason why animals move from one place to another.

b) Name the wild animal that moves by slithering.

c) Mention any **two** ways wild animals are dangerous in the environment.

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

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

54. a) Apart from cholera, name any other **two** diseases spread by houseflies.

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

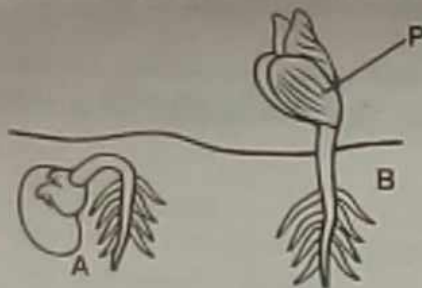
ii) \_\_\_\_\_

b) Write any **two** ways the spread of germs through food can be controlled.

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

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

55. The diagram below shows a type of germination. Study and use it to answer the questions that follow.



a) Why does the root system develop first as seen in diagram A?

b) Which type of germination is shown in the diagram above?

c) Give the function of part marked with letter P to the seedling in diagram B.

d) Apart from oxygen, write **one** other condition necessary for germination to take place.



**SECTION A: 40 MARKS**

Questions 1 to 40 carry one mark each.

1. Name the element of weather which makes the soil hard to dig.
2. How is water useful during the germination process?
3. Give one example of an object that floats on water.
4. State the characteristic of living things which helps them to increase in number.
5. Mention one way of controlling digestive disorders.
6. How is a dustbin a useful item in the school?
7. State one way of administering vaccines to babies.

The diagram below shows an item used for cleaning the body. Study and use it to answer questions 8 and 9.



8. Name the item above used for keeping the teeth clean.
9. How does the item drawn above help in keeping the teeth clean?
10. Mention one reason why crop rotation is a good farming practice.
11. Name one part of the tapeworm used for attachment on the intestinal walls.
12. What term is used to mean the massive movement of bees from one beehive to another?
13. State one way of controlling the breeding of mosquitoes at home.



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**P5 INTEGRATED SCIENCE MID - TERM II EXAMINATIONS 2024**

ADOTE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAR, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

14. Give one example of a mineral salt required in the body to promote health.

15. State the reason why sugar disappears when stirred in water.

16. Mention one disease spread through the 4Fs.

17. Name the part of the alimentary canal where absorption of water and mineral salts takes place.

18. Give one way of preventing the spread of tetanus to someone cut by a knife.

19. How does immunisation help in keeping the body healthy?

20. What type of clouds are the furthest in the sky?

21. Which garden tool is the most suitable for transplanting seedlings?

22. State one way of protecting bees from bee enemies.

23. Mention any one sign of malnutrition among babies.

Below is a diagram of an onion plant. Study and use it to answer question 24 and 25.



24. Name the part marked with letter R.

25. State the importance of part marked with letter P on an onion plant.

26. Write one problem caused by floods in the environment.

27. Give one reason why poultry may practise cannibalism in a poultry house.



28. Name the stage in the lifecycle of a housefly which feeds on rotting matter.

29. How are enzymes important during the digestion of food?

30. In which one way is wind a danger to human life?

31. Name the body sense that enables a P.5 child to know that there is enough sugar in porridge.

32. State the importance of root nodules on the roots of legumes.

33. Give one way of caring for domestic birds.

34. Why does petrol remain on top when mixed with water?

The diagram below shows a foot wear. Study and use it to answer questions 35 and 36.



35. Name the foot wear drawn above.

36. In which type of weather do people usually put on the foot wear drawn above?

37. What term refers to the gradual removal of top soil to other areas?

38. Name the rabbit product used to control kwashiorkor among children.

39. State one way a poultry farmer can control hookworms among poultry.

40. State the recommended amount of water one should use to dissolve eight spoonfuls of sugar when making local ORS.





## SECTION B: 60 MARKS

*Questions 41 to 55 carry four marks each.*

41. a) Name any two examples of diseases spread by a cockroach.

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

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

b) State any two ways of controlling the spread of the diseases mentioned in (a) above.

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

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

42. a) Name the important place in a home that;  
i) helps in proper handling of food during preparation.

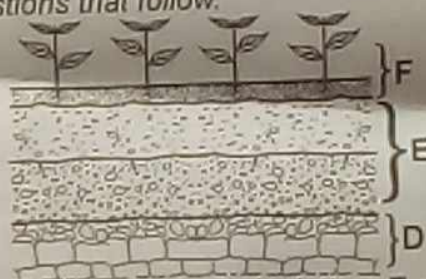
ii) is used when bathing.

b) Write any two importance of keeping a home clean.

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

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

43. The diagram below shows the different layers of soil. Study and use it to answer the questions that follow.



a) Identify the soil layer marked with letters E and D.

i) E \_\_\_\_\_ (ii) D \_\_\_\_\_

b) Why is soil layer labelled with letter F dark in colour?

c) Give one danger of dumping polythene bags on layer F.

44. Complete the table correctly.

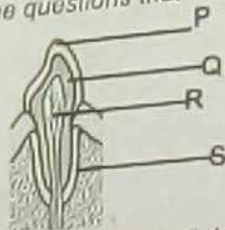
Quantity of measurement	Standard units
_____	Newtons
Volume	_____
_____	kilogrammes
Density	_____



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**P.5 INTEGRATED SCIENCE MID - TERM II EXAMINATIONS 2024**

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SERIALS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

45. The diagram below shows the internal structure of a tooth. Study and use it to answer the questions that follow.



- a) Name the parts marked with letters R and Q.
    - i) R \_\_\_\_\_
    - ii) Q \_\_\_\_\_
  - b) State the function of part marked S.  
\_\_\_\_\_
  - c) Name one mineral salt that makes part P a hard tissue.  
\_\_\_\_\_
46. a) Give any two examples of garden tools used for harvesting ready crops.
  - i) \_\_\_\_\_
  - ii) \_\_\_\_\_
- b) In which two ways can crop farmers care for their garden tools?
  - i) \_\_\_\_\_
  - ii) \_\_\_\_\_
47. a) Give one importance of the stomach during the digestion of food.  
\_\_\_\_\_
- b) State the type of digestion which occurs by the action of teeth and stomach walls.  
\_\_\_\_\_
- c) Which class of food is chemically digested in the stomach?  
\_\_\_\_\_
- d) Name the digestive juice produced by the stomach walls.  
\_\_\_\_\_
48. a) State any two ways of keeping food safe at home.
  - i) \_\_\_\_\_
  - ii) \_\_\_\_\_
- b) Give two importance of keeping food safe at home.
  - i) \_\_\_\_\_
  - ii) \_\_\_\_\_



49. The diagram below shows a child suffering from a certain childhood immunisable disease. Study and use it to answer the questions that follow.

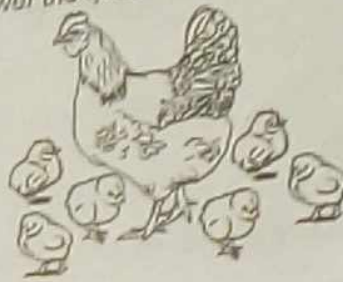


- a) Identify the childhood immunisable disease the child above is suffering from.
- b) Name the vaccine used in the immunisation against the above identified disease.
- c) Where on the child's body is the vaccine mentioned in (b) above administered?
- d) Apart from immunisation, how else can the spread of the diseases shown above be controlled?
50. a) Write down any **two** causes of common accidents in our community.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) State any **two** ways of giving first aid to a person with a cut.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
51. a) Give any **two** agents of soil erosion.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) State any **two** ways of controlling soil erosion.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
52. a) Name any **two** materials used to construct a good hut.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) State any **two** qualities of a good hut.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_





53. The diagram below shows a mother bird providing care to chicks. Study and use it to answer the questions that follow.



- a) Identify the type of brooding shown in the diagram above.  
\_\_\_\_\_
- b) State any **two** advantages of this type of brooding.  
i) \_\_\_\_\_  
ii) \_\_\_\_\_
- c) Give **one** disadvantage of the above type of brooding.  
\_\_\_\_\_

54. a) Mention any **two** dangers of rats in a home.

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

- b) State any **two** ways of controlling rats in a home.

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

55. a) Mention any **one** problem an insect can face when the following parts are removed from its body:

- i) antennae \_\_\_\_\_  
ii) wings \_\_\_\_\_

- b) State any **two** ways in which insects are useful to people.

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