



HORMISDALLEN SCHOOLS RECESS PACKAGE - 2020

P.4 SCIENCE (SET FOUR)

1. Name any one example of a domestic bird.

2. Name the type of gas that supports burning.

3. Why should you boil water for drinking?

4. Name any one item needed to clean our classrooms.

5. Suggest one way of keeping your body clean.

6. In the space below, draw and name a garden tool used for weeding.

7. Suggest one reason why cockroaches are called vectors.

8. State one way of preventing yourself from mosquito bites.

9. Give any one example of social insects.

10. State the importance of rubbish pits in our homes.

11. In which way are nimbus clouds important to a farmer?

12. What general name is given to animals that live in water.

13. State one property of air.

14. How are feelers important to grasshoppers?

15. Identify any one common accident at school.

16. Mention one product got from cows a part from milk.

17. Why do farmers paint their garden tools?

18. What is the main reason for giving first aid?

19. Name any one animal that protects itself by biting.

20. State one reason why people dry their harvested crops.

21. State one reason why loam soil is the best type of soil for crop growing.

22. How do most non-flowering plants reproduce?

23. Name the garden equipment for transporting manure.

24. Name the main product of photosynthesis.

25. State any one cause of dehydration.

26. Which part of a plant is used for making food?

27. Identify any one place where we can take people who have got an accident.

28. Name the food value children get after eating posho.

29. What is air?

30. How do farmers reduce on the rate of transpiration among crops?



31. Give one reason why crops are able to grow well on top soil?

32. State any one way of observing food hygiene.

33. Name any one type of leaf venation.

34. Why should school pupils plant trees in a school compound?

35. Identify one way man depends on plants.

36. Mention any one non-living component of the environment.

37. Name any one process involved in rain cycle.

38. How is the bad smell produced by a bedbug important to it?

39. Which body organ is affected by trachoma?

40. Give one characteristic of social insects.

SECTION B

41. a) What is germination?

b) Name any one type of germination.

c) How is water useful during seed germination.

d) Write down one condition necessary for seed germination.

42. a) What is ORS in full.

b) Give one reason why babies with diarrhea are given ORS.



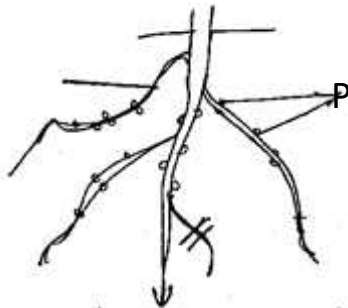
- c) List the two materials used to make ORS.
 i) _____ (ii) _____
43. a) Outline any two ways how food gets contaminated.
 i) _____
 ii) _____
- b) Mention any one food stuff that can provide us with.
 i) carbohydrates

 ii) vitamins

44. a) What are thermometers?

- b) Name the liquid metal used in thermometers.

- c) Give any two reasons why mercury is commonly used in thermometers.
 i) _____
 ii) _____
45. The diagram below shows part of a plant.



- a) Name the organisms stored in part P.

- b) What name is given to plants with such structures marked P?

- c) Give two examples of plants with such swellings on the roots marked P.
 i) _____ (ii) _____
46. a) What is pruning?

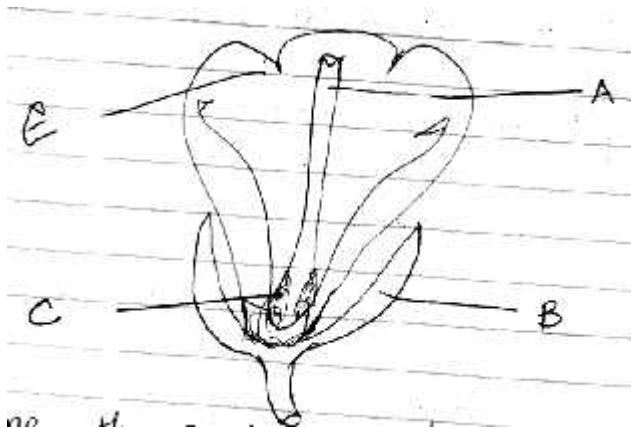
- b) State two importance of pruning to plants.
 i) _____
 ii) _____

c) Draw one garden tool used for pruning.

47. a) List down two elements of weather.
i) _____ (ii) _____
b) State the use of a wind vane.

c) Which season is good for sowing seeds?

48. The diagram below to answer the given questions.



- a) Name the parts marked;
A: _____ B: _____
b) Give one use of the part marked E

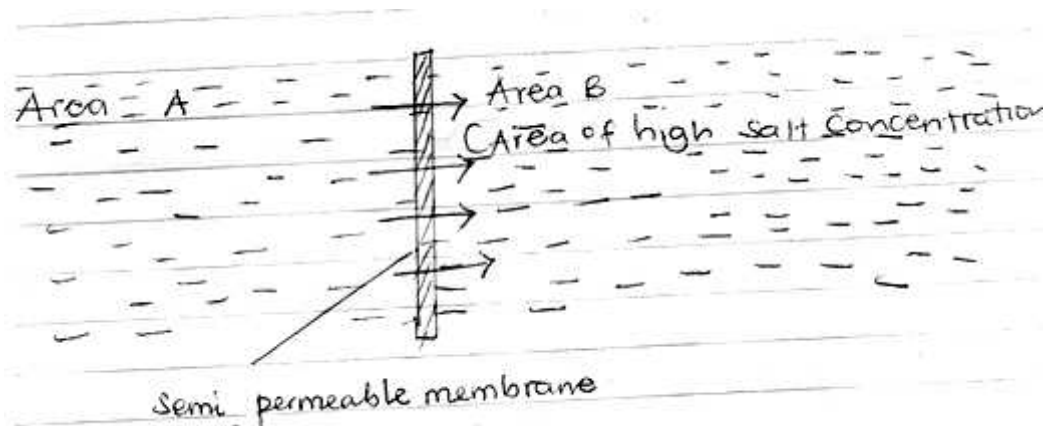
c) What does part marked C develop into after fertilization and pollinations?

49. a) What are crop pests?

- b) Give any two examples of crop pests.
i) _____
ii) _____

c) State one reason why P.4 pupils should iron their uniforms.

50. Below is an illustration for the osmosis. Use it to answer the given questions.



a) Using the illustration above, state the meaning of the word Osmosis.

b) What do the following represent?

i) Area A:

ii) Area B: _____

c) How is osmosis important to plants?

51. a) Wind is moving air. Give two uses of wind

i) _____

(ii) _____

b) Write one property of air.

c) Carbon dioxide is a part of air. Give one use of carbon dioxide.

52. How are the following important in soil?

i) Humus

ii) Air

b) Name any two components of soil besides air and humus.

i) _____

ii) _____

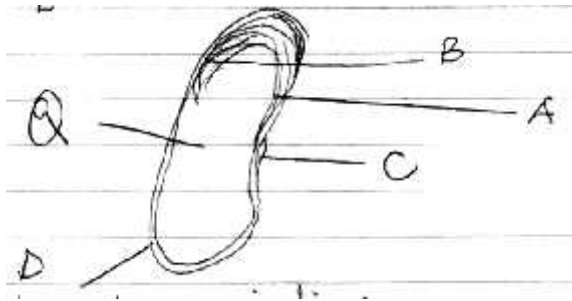
53. a) In which part of a flower does pollination take place?

b) Mention any two birds that pollinate flowers.

i) _____ ii) _____

c) Name one type of pollination.

54. The diagram below is a bean seed. Use it to answer the question.



a) Which letter indicates the part that develops into;

i) Root system

ii) Shoot system

b) State the use of part marked Q during germination.

c) Name the part marked C.

55. a) What is first aid?

a) Mention any two items found in a first aid box.

i) _____

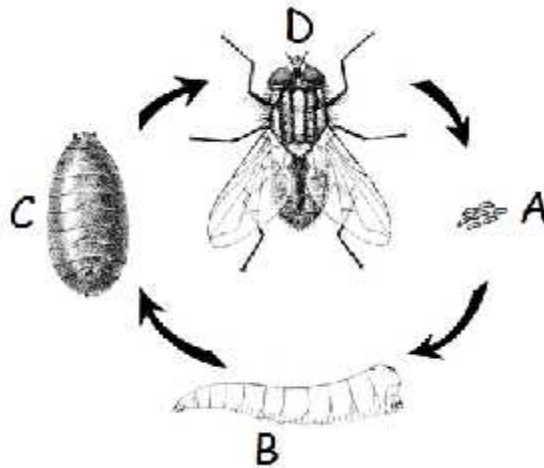
ii) _____

c) State one reason for giving first aid.

P.4 SCIENCE RESEARCH /PRACTICAL WORK

1. (a) Draw a diagram of a leaf and show the following parts.
 - i) Apex
 - ii) Midrib
 - iii) Margin
 - iv) Leafstalk(b) How are stomata important on a leaf.
(c) State any two uses of leaves to a plant.
2. (a) Draw a diagram of a maize grain and show the following parts.
 - i) Plumule
 - ii) Radicle
 - iii) Endosperm
 - iv) Testa(b) Where does a maize grain store its food?
(c) Which part of a maize grain grows into the following;
 - i) root system
 - ii) shoot system(d) What type of germination does the above seed undergo?
3. (a) Draw a diagram of a flower and label the following parts.
 - i) Petal
 - ii) Stigma
 - iii) Ovary
 - iv) Style(b) Why are petals important to a flower?
(c) What do these parts develop into after fertilisation?
 - i) ovary
 - ii) ovules

4. Study the lifecycle of a housefly below and answer the given questions.



(a) What type of life cycle is illustrated above?

(b) Name stages marked.

A

B

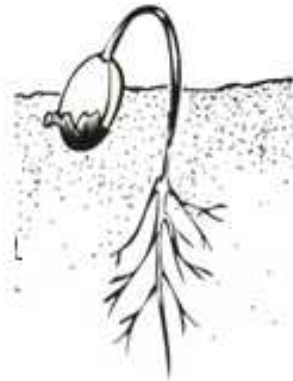
C

D

(c) How is stage D dangerous to man?

(d) Name any two diseases spread by a housefly.

5. Study the illustration below and answer the given questions.

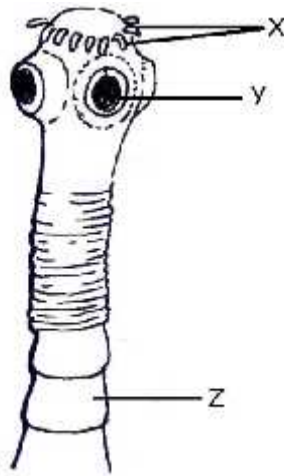


(a) Name the type of germination illustrated above.

(b) Name any two examples of seeds that undergo the above type of germination.

(c) State any two requirements for germination to take place.

6. (a) Draw and name the four types of teeth.
- (b) Give the functions of each type of teeth.
- (c) Suggest any two ways how we can care for our teeth.
7. (a) Draw and name any five examples of garden tools.
- (b) State the functions of each garden tool.
- (c) Suggest any two ways how we can care for garden tools.
8. The diagram below shows a head of a tap worm. Use it to answer the given questions.



- (a) Name the above type of worm.
- (b) Name parts marked;
 - i) X
 - ii) Y
 - iii) Z
- (c) How does the above worm enter our bodies?
- (d) What does the above worm feed on?
- (e) State one way how the above worm can be prevented?