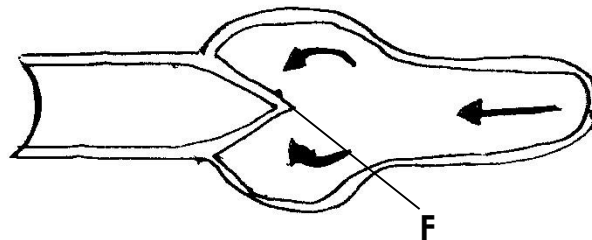


UNEB BLUE PRINT ITEM (FIVE)
INTEGRATED SCIENCE

SECTION A (40MKS)

1. Name the body sense that enables a Primary Seven pupil to detect poison in gaseous form.
.....
2. Identify the stage of a mosquito controlled by pouring oil in stagnant water.
.....
3. How does rusting spoil tools made from iron?
.....
4. Name the class of food recommended to an accident victim who has lost severe blood.
.....

The diagram below shows a blood vessel. Use it to answer question 5 and 6.



5. Give the name of the type of blood vessel above.
.....
6. What is the importance of structures marked **F** during blood circulation?
.....
7. Name the part that keeps the fish buoyant in water.
.....
8. In which way do bacteria help in the production of ghee and butter?
.....
9. Name the force of attraction between molecules of different kind.
.....
10. How is a burdizzo important to a goat farmer?
.....
11. Which part of a caterpillar has the same function as the hard shell of a tortoise?
.....
12. Give a reason why a flush toilet should be used correctly at home.
.....

-
13. In which part of a male reproductive system are manufactured sperms stored?
.....
14. Which characteristic of sand soil enables it to lose water easily after it has rained?
.....
15. How does a plant benefit from losing water on a hot day?
.....

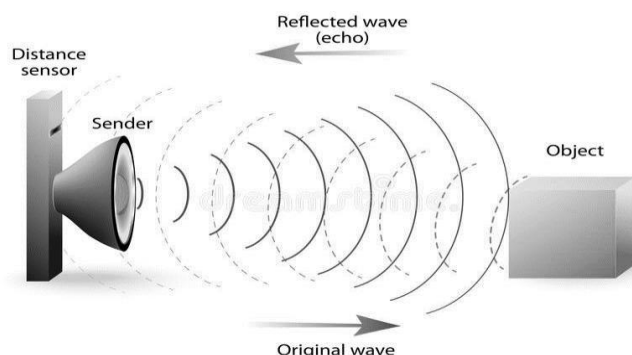
The diagram below shows a reproductive part of a flower. Use it to answer questions 16 and 17.



16. Name the reproductive part of a flower shown above.
.....
17. Use letter **K** to label the part that produces gametes similar to sperms in humans.
.....
18. Name the sexually transmitted disease that can lead to ectopic pregnancy in women if not treated early.
.....
19. Give one way crop farmers may benefit from cats at home.
.....
20. Mention down one solute that prevents fresh meat from going bad.
.....
21. How does the process of boiling water for drinking prevent water borne diseases?
.....
22. Give one way early planting is a good practice to a crop farmer.
.....
23. Apart from an egg, name another dormant stage in the development of a housefly.
.....
24. How is a humming bird different from other birds in the way they fly?
.....
25. Give any one danger an HIV positive person is likely to experience in case she/ he ignores counselling sessions.
.....
26. State any one way a family can participate in Primary Health Care.
.....

27. Why should you advise a mother to always keep drugs away from children?
.....
28. How is a crutch useful to a person with a fractured leg?
.....
29. Why does sugar dissolve when put in hot tea?
.....
30. What is the importance of collecting eggs laid by layers early in a poultry house?
.....
31. Which instrument is used to measure the amount of water vapour in the atmosphere?
.....
32. How is a worker bee able to keep the hive cool?
.....
33. Name the group of plants that use nitrogen to make proteins.
.....
34. What happens to weight of an object when immersed in water?
.....
35. Why is hep B vaccine given more than once to children?
.....
36. How are the gills of a tadpole different from the gills of a mushroom in terms of their function?
.....
.....
37. Give any one danger of using a candle wax at home.
.....

The diagram below is of a property of sound. Use it to answer questions 38 and 39.



38. State the _____ property of sound shown above.

.....
39. In which way is the above property of sound useful to bats?
.....

40. Name the farm structure where milking can be done.
.....

SECTION B (60 Marks)

41. a). Name the type of digestion that involves the food break down by;

(i)enzymes

(ii)teeth

(b). What is the importance of the lining of mucus in the alimentary canal?
.....

(c). State any one digestion disorder in humans.
.....

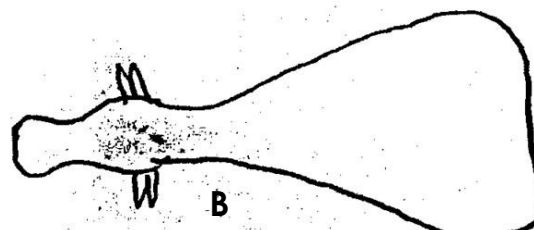
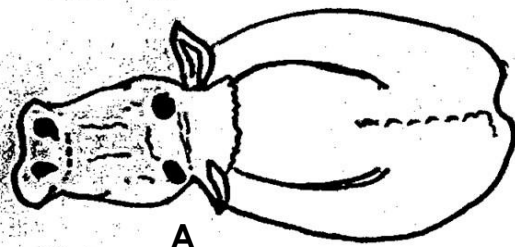
42. a). What type of change is evaporation?
.....

b). Give two factors that affect the rate of evaporation.

(i).....(ii).....

c). State any one way in which evaporation is important in our daily life.
.....

43. The diagram below shows types of cattle. Study it carefully to answer questions that follow.



a). Mention one main reason why farmers keep the following type of cattle as shown above.

(i) **A**.....
.....

(ii) **B**

b). State one characteristic of the type of cattle **B**.
.....

c). Give one advantage of artificial insemination.
.....

44. a). Give one way family planning is important to a country like Uganda.

-
- b). Identify one method of family planning that delays the next ovulation in women.
.....
- (c). Apart from the one mentioned above, mention down two other methods of family planning.
.....
- (i).....
- (ii).....

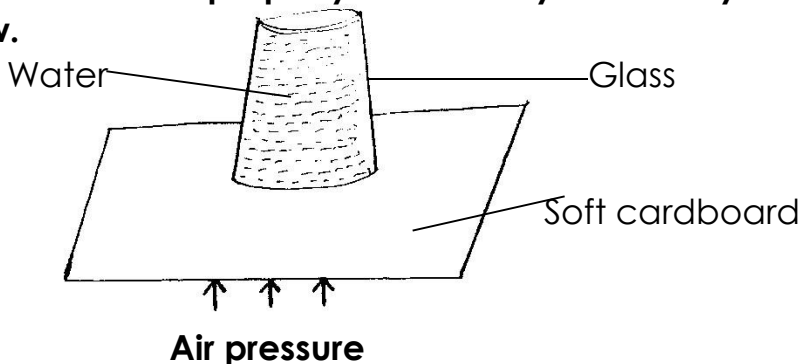
45. In the table below, list M shows methods of vegetative propagation and N has the meanings of the methods in wrong order.

List M	List N
Budding	Branch of mother plant is bent to touch the soil.
Grafting	Involves union of scion to the stock of another.
Layering	A ring is cut through the bark of a branch to allow roots develop.
Marcotting	Dormant bud from a plant is fixed into the shoot system of another plant.

Select from list N of the table to match the methods below correctly.

- (a). budding
- (b). grafting
- (c) layering
- (d). marcotting

46. The experiment below shows a property of air. Study it carefully to answer the questions that follow.



- a). Identify the property of air shown above.
.....
- b). Why doesn't water pour out of glass?
.....
- (c). What is the purpose of the cardboard in the experiment?
.....
- d). Give any one application of the above property of air in our daily life.
.....

47. a). Name the group of vertebrates to which each of the following animals belong.

(i) caecilians.....

(ii) horn vipers

b.) State any two in which vertebrates help to promote people's health.

(i).....

(ii).....

48. (a). Name the two diseases that can attack sheep and goats

(i)..... (ii).....

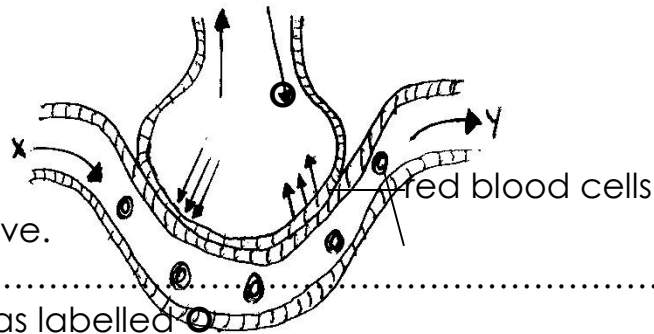
(b). Give any two ways farmers can control the spread of diseases in sheep and goats.

(i).....

(ii).....

49. **The diagram below shows part of the respiratory system. Use it to answer questions that follow.**

air



a). Name the structure above.

b). Give the name of the gas labelled **o**.

c). In which way is the above structure adopted to its function.

d). How is blood in **y** different from that in **x** ?

50. a). Apart from strong wind, mention any other two agents of soil erosion.

(i)..... (ii).....

b). State any two ways of controlling soil erosion in hilly areas.

(i).....

(ii).....

51. a). Mention down one immunisable disease worsened by smoking.

b). Give two ways tobacco smoking is harmful to the unborn baby.

(i).....

(ii).....

c). Why would you advise a friend in P.7 to stop the habit of smoking.

52. (a). Mention any two habitat diseases.

(i).....(ii).....

b). Give any two ways of preventing water habitat diseases.

(i).....

(ii).....

53. a). How are the following materials useful in the promotion of personal hygiene.

(i) soap

.....

(ii) water.....

(b) Give one disadvantage of keeping long finger nails.

.....

(c). Name any one disease that can spread due to poor personal hygiene.

.....

54. a). Why do builders construct houses with damp proof course.

.....

b). How dangerous is it to have a latrine near a water source?

.....

c). Give the use of the following components of a residential house.

(i) Window

.....

(ii) Ventilators

55. a). What is weaning?

.....

.....

b). State the recommended age for weaning in babies.

.....

c). Give any two food stuffs recommended for weaning in babies.

(i).....(ii).....