

The HIGHWAY EXAMINATIONS



P.7 PLACEMENT SET 1-2025

INTEGRATED SCIENCE

Name: _____

DISTRICT: _____

INSTRUCTIONS:

1. *Attempt all questions.*
2. *Any drawing must be done in pencil.*
3. *You must use a very good handwriting.*

HOSEB'S USE ONLY

SECTION A

SECTION B

TOT

SECTION A (40marks)

1. Mention anyone dangerous object that injures our bodies.

2. Give the meaning of the term, "solution".

3. Identify the non-living resource from which roofing tiles are made.

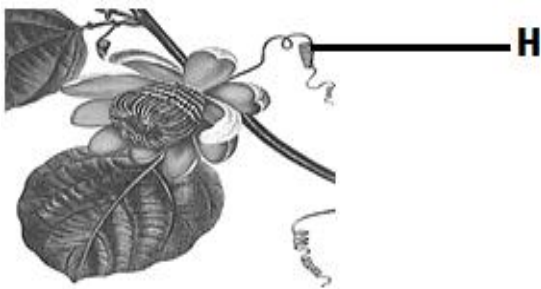
4. Why should drugs be kept out of children's reach?

5. Write any one example of a water contact disease.

6. Give any one use of heat energy.

7. State the advantage of including legumes in crop rotation.

Use the diagram below to answer question 8.

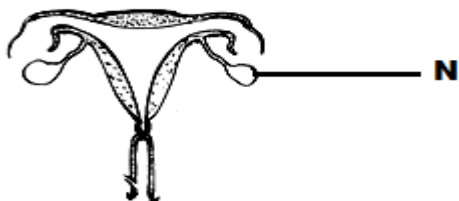


8. How the part is marked H useful to plants with weak stem?

9. Give one reason why farmers practise artificial insemination.

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- 26.** In one way, state how you would help a victim of fever.
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- 27.** What type of farming should a farmer use to harvest both crops and wood?
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- 28.** A stomach is said to be elastic. How is this important in the process of digestion?
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- 29.** What do we call the reflected sound?
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- 30.** In which way is DPT vaccine important in control of diseases?
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- 31.** How is the propagation of cassava different from that of banana?
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- 32.** Mention one characteristic of essential drugs.
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- 33.** Give any one disadvantage of free-range system in poultry keeping.
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- 34.** State any one importance of the web to a spider.
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- 35.** How does the washing of clothes promote personal hygiene?
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Use the diagram below to answer questions 36 and 37.



- 36.** Identify the human system in the diagram.
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- 37.** Give one function of the organ marked N on the diagram.
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- 38.** Flowers are to mangoes as _____ are to ferns.
- 39.** Suggest one way schools make themselves ready to put out fire in case it breaks up.
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- 40.** Name the instrument used to measure the human body temperature.
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SECTION B (60 MARKS)

41. (a) What are vulnerable groups of people?

(b) Identify any two groups of vulnerable people.

i) _____

ii) _____

(c) Mention one way you would care for vulnerable groups of people.

42. (a) What are annual crops?

(b) Mention any two examples of annual crops.

(i) _____ (ii) _____

(c) Suggest one way of preventing annual crops from pests.

43. (a) What is meant by term, “Drug Prescriptions”?

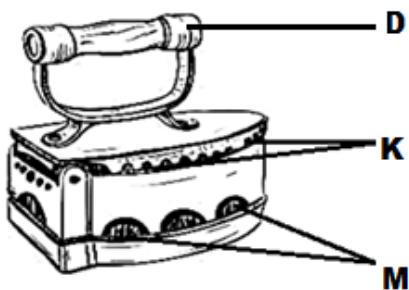
(b) Give any two advantages of following drug prescriptions.

i) _____

ii) _____

(c) Give one danger of buying drugs from places which are not recommended by the ministry of health.

44. Use the diagram below to answer the given questions.



(a) How is the use of the holes marked **M** different from the holes marked **K** by function?

(b) Name the process by which heat from the above equipment reach the cloth while ironing.

(c) How is the part marked **D** able to prevent the user from being burnt?

(d) What do you think would happen if the holes marked M were closed?

45. (a) Name any two examples of intestinal worms in humans.

i) _____

ii) _____

(b) Give any one sign of worm infestation in people.

(c) Suggest one way you can prevent yourself from intestinal worms infestation?

46. Below are diagrams showing the shapes of different types of cattle. Use them to answer the given questions.



(a) Identify the type of cattle with shape marked L.

(b) State the main purpose of keeping the cattle of shape K.

(c) List any **two** examples of breeds with each shape above.

i) Shape K: _____

ii) Shape L: _____

47. (a) What is immunity?

(b) Mention any two kinds of information that can be got from a Child's Health Card.

i) _____

ii) _____

(c) Give any one way by which a child can get immunity.

48. (a) What is pollination?

(b) What would happen to a bean plant if pollination does not take place?

(c) Name any one agent of pollination.

(d) State one characteristic of insect pollinated flowers.

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- 49.** (a) Give one importance of each resource below to people.
- i) **Forests:** _____
- ii) **Swamps:** _____
- (b) Identify one human activity that leads to the degradation of each resource below.
- i) **Swamps:** _____
- ii) **Forests:** _____

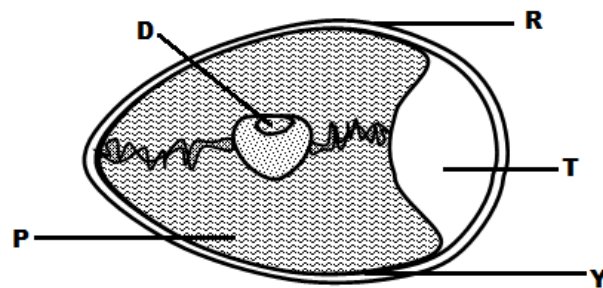
- 50.** (a) In which state of matter does sound travel fastest?

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- (b) Mention any one method of storing sound.

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- (c) Suggest one way sound can be produced.

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- (d) Give any one use of stored sound.

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- 51.** Use the diagram of an egg below to answer the given questions.



- (a) Name the parts marked **P** and **T**.
- i) P _____ (ii) T _____
- (b) State the role of the part marked **D**.

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- (c) Give a reason why the part marked **R** is porous.

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- 52.** (a) Mention any two examples of fungi.

- (i) _____
- (ii) _____
- (b) Give any one use of fungi to people.

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- (c) In which way are fungi harmful to people?

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- 53.** (a) Mention any one material from which soil is made.

(b) Name any two components of soil.

i) _____ (ii) _____

(c) Give any one use of loam soil to people.

54. (a) Give the reason why people preserve food.

(b) State one way how food is made dirty.

(c) Suggest the possible methods of preserving the following food stuffs.

i) beans: _____

ii) chicken: _____

55. (a) State one characteristic of a;

i) Chemical change:

ii) Physical change:

(b) What type of change takes place when;

i) bee wax melts? _____

ii) ripening of fruits.

END