**TWAHIRAH KIDS JUNIOR SCHOOL-BUSULA**

**P.5 END OF TERM II INTERNAL EXAMINATIONS – 2024**

**INTEGRATED SCIENCE**

**Time allowed: 2 hours 15 minutes**

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***SECTION A***

1. What is the best soil for growing crops?

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2. State the best way of improving on local breeds of poultry.

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3. How do mushrooms reproduce?

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4. Why is mercury mostly used in thermometers?

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5. Apart from nectar, give any one material collected by worker bees from the field.

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6. How useful are ventilators on your classroom?

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7. Which type of energy is possessed by a flying bird?

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8. Give one way how fertilizers can be applied in the garden.

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9. Why is a housefly called a vector?

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10. State any one example of a solvent.

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11. Give one way how soil can be kept fertile.

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12. How is the instrument below important to a bee keeper?

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13. Which non flowering plant reproduces by means of spores?

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14. Why do medical workers shake clinical thermometer before using them?

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15. What are broilers?

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16. In which way do bacteria reproduce?

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17. Why are worker bees called sterile bee?

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18. Give one reason why a dry wood immersed in water does not sink.

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19. In which way are pests dangerous to crops?

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20. Why is it bad to drink water prepared through filtration?

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21. Mention one state of matter.

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22. State any one cause of poultry vices.

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23. Give one form of energy which is used to iron clothes.

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24. Which type of teeth is used for tearing food?

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25. Identify one raw material of photosynthesis.

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26. Give one danger of wind in the environment.

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27. How do mulches control soil erosion in the garden?

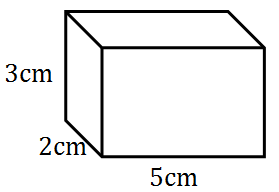
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28. Name the standard unit of measuring weight.

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29. Calculate the volume of the cuboid below.



30. Name the insect which pollinates flowers at night.

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31. In which way can a farmer take care of his garden tools?

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32. John has a swollen neck; which deficiency disease is he suffering from?

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33. Draw a parallel leaf venation in the space provided below.

34. Which body organ filters blood?

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35. How is friction important to us?

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36. Write down one advantage of roots to people.

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37. Name the type of teeth shown below.



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38. Why should a rain gauge be placed in flat open area?

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39. Give one example of annual crop.

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40. State any one important information found on a child’s health card.

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***SECTION B***

41. (a) What are germs?

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(b) Give any one type of germs you know.

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(c) How are germs spread to people?

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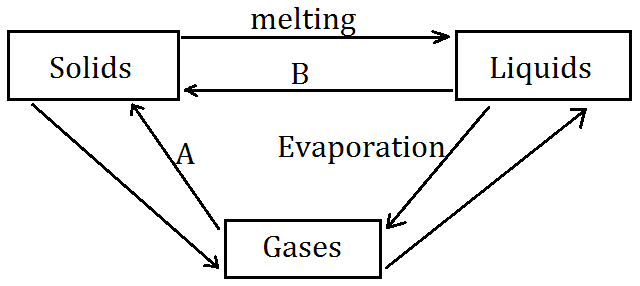
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(d) Write one way through which the spread of germs can be controlled.

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42. ***Use the diagram given below to answer the questions that follow***.



(a) Name the changes marked A and B.

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

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

(b) Which substance exists in all the three states of matter?

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(c) Give one effect of heat on matter.

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43. (a) Identify any one type of germination.

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(b) If all necessary conditions are available for germination, give two reasons why seeds fail to germinate.

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

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

(c) When should seedlings be transplanted?

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44. (a) Why is oxygen not used in the preservation of drinks?

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(b) Which property of air enables us to drink soda using a straw?

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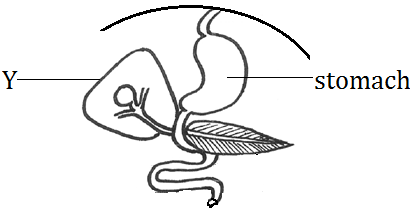
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Name any two component of air in the environment.

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

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

45. ***Below is a part of digestive system. Use it to answer the question that follows***.



(a) Which digestive juice is produced by part marked Y?

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(b) Name one enzyme got in the stomach.

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(c) Where does digestion of food begin?

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(d) What takes place in the ileum?

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46. (a) Why is free range system practiced in rural areas?

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(b) In which way is record keeping important to poultry farmers?

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(c) What is the incubation period of a hen?

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(d) Name one type of poultry.

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47. ***Match the vectors in list A with their diseases in list B.***

**A B**

Ticks Trachoma

Itch mites polio

Cockroaches scabies

Houseflies typhus fever

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

(ii) Itch mites \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(iii) Cockroaches \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(iv) Houseflies \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

48. (a) Give any one cause of dehydration.

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(b) Name one important mineral salt which is lost during dehydration.

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(c) Why should a dehydrated person be given O.R.S?

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(d) Write S.S.S in full.

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49. (a) In which way is fungi important to people?

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(b) How should we prevent diseases caused by fungi?

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(c) Name two examples of fungi.

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

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

50. (a) How can we take care of the animals in the environment?

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(b) Give a reason why dogs are kept at home?

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(c) In which way are wild animals dangerous to us?

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(d) State one example of wild animal.

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51. (a) Suggest any two items used for promoting oral health.

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

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

(b) Write down two ways of keeping our bodies clean.

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

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

52. (a) In which two ways can food be preserved?

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

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

(b) Name any one danger of eating food with dirty hands.

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(c) State one disease spread through poor handling of food.

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53. (a) Why should we give first aid to a casualty?

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(b) Which type of injury is caused by steam?

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(c) Identify two components of first aid kit.

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

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

54. (a) What are weeds?

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(b) State any one advantage of weeds.

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(c) Name one common weed in the environment.

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(d) In which way can weeds be controlled?

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55. Complete the table below correctly.

|  |  |  |
| --- | --- | --- |
| **Disease** | **Vaccine** | **Site** |
|  | Measles vaccine | Left upper arm |
| Tuberculosis |  | Right upper arm |
| Whooping cough | DPT vaccine |  |
|  | Polio vaccine | Mouth |

***\*\*\*\*\*GOD BLESS\*\*\*\*\****