

# JIM JUNIOR SCHOOL

To Excel is Our Aim

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**PRIMARY SEVEN**

**END OF TERM 1 2022**

## **INTEGRATED SCIENCE EXAMINATIONS**

***Time allowed: 2 hours 15 minutes***

**Index No.**

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**Candidate's Name:** \_\_\_\_\_

**Candidate's Signature:** \_\_\_\_\_ **Stream:** \_\_\_\_\_

### **SECTION A**

1. Give the main use of feelers to an insect.

\_\_\_\_\_

2. State one way in which sunshine may be a disadvantage to a crop farmer.

\_\_\_\_\_

3. In which state of matter does heat travel by conduction?

\_\_\_\_\_

4. Apart from making food, state any other function of leaves to a plant.

\_\_\_\_\_

**The diagram below shows a beak. Study it carefully and answer**

**questions.**

5. Identify the type of food which a bird with the above beak feeds on.

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6. How is a fish and a frog similar in the way they reproduce?

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7. Name any one kingdom of living things apart from animal kingdom.

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8. How does a grasshopper differ from a bee in terms of life cycle?

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9. Suggest any one method used to improve soil fertility.

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10. How are worker bees important in crop farming?

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11. Give any one way the body can acquire immunity.

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12. How does greasing of metal parts prevent them from rusting?

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13. Which part of the human ear maintains body posture?

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14. Name the garden tool used for transplanting seedlings.

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15. How are earthworms useful to soil?

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16. Why is freezing regarded as a physical change?

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17. What does a germinating seed use for taking in water and air (oxygen)?

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18. State any one characteristic of arachnids.

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19. Suggest any one way in which a school garden is important to a community.

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20. How is sound produced?

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21. Why does an empty bottle float on water?

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22. Write down any one element of Primary Health Care.

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23. What is the gestation period of a rabbit?

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24. How are the gills of a mushroom important to it?

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25. Why does a millipede coil when disturbed?

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26. State any one example of a water cleaned disease.

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27. Write down any one property of air.

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28. Give one disease which has increased the number of extended families in Uganda.

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29. Where does digestion of food begin?

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**Study the diagram below and answer questions 30 and 31.**

30. Name the type of roots drawn above.

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31. What is the function of the roots named in number 30 above?

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32. Which term means water in solid form?

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33. What is poultry?

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34. Name any one breed of rabbits kept in Uganda.

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35. State any one way of controlling pests.

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36. Mention any one value of soil to people.

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37. Why is overgrazing regarded as a dangerous practice in agriculture?

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38. What causes malaria?

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39. Why do objects thrown in air fall back on the ground?

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40. An object has a mass 15gm and a volume 30CC. Calculate its density.

### **SECTION B**

41(a) What are birds of prey?

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(b) Write down any two examples of scavenger birds.

(i)

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(ii)

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(c) Give any one way by which birds are adapted to flying.

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42(a) What is matter?

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(b) Name the states of matter below according to the arrangement of particles in each.

**A B C**

**A** \_\_\_\_\_

**B** \_\_\_\_\_

**C** \_\_\_\_\_

43(a) What is dehydration?

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

(b) Give any one cause of dehydration.

\_\_\_\_\_

(c) Name one important salt lost when a person has diarrhoea.

\_\_\_\_\_

(d) How can dehydration be treated?

\_\_\_\_\_

44(a) State two ways living things depend on non-living things.

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

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

(b) Give two ways animals depend on plants.

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

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

45.(a) What is piggery?

(b) State one requirement for starting a piggery unit.

\_\_\_\_\_

(c) What is farrowing in piggery?

\_\_\_\_\_

(d) Mention one sign of heat in sows.

\_\_\_\_\_

**46 The diagram below is of a digestive system of man. Study it and answer the questions that follow.**

(a) Name the parts marked;

A \_\_\_\_\_

B \_\_\_\_\_

(b) What important process takes place in part marked F?

\_\_\_\_\_

(c) Identify one disease which attacks the digestive system.

\_\_\_\_\_

47(a) Write PHC in full.

\_\_\_\_\_

(b) Identify the element of PHC in which each of the following activities is involved:- (i) Washing the face \_\_\_\_\_

(ii) Sweeping the compound \_\_\_\_\_

(c) Why do we boil water for drinking?

\_\_\_\_\_

48(a) State the function of the following types of teeth.

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

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

(b) Mention two ways of caring for our teeth.

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

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

49.(a)Identify the vaccines given against the diseases below:-

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

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

(b) What is the importance of immunization?

\_\_\_\_\_

(c) Besides the eight childhood immunisable diseases, name any one other immunisable disease.

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50 **Below is a diagram of soil layers. Study it and answer the questions that follow.**

(a) What scientific name is given to the arrangement of soil layers shown?

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(b) Name the layers marked:-

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

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

(c) Why do you think that soil layer **X** is the best for plant growth?

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51(a) Suggest any one activity a farmer can do during:-

(i) dry season.

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(ii) wet season.

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(b) How can the following be controlled on a farm:-

(i) soil erosion?

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(ii) weeds in the garden?

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52(a) Give any two sources of sound.

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

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

(b) Mention any one use of echo to:-



(i) a bat

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(ii) a sailor

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53.(a) Who are vulnerable groups of people?

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(b) Mention two groups of vulnerables.

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

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

(c) In which way can the vulnerable be cared for?

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54(a) What is poultry?

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(b) Give one type of poultry kept for a special purpose.

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(c) Identify any two causes of vices among poultry.

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

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

55. **Study the diagram of a maize grain below and answer the questions that follow.**

(a) Name the parts marked A, P and B.

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

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

(iii) B \_\_\_\_\_

(b) To which group of flowering plants does the above grain belong?

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**End**