

NAMAGUNGA PRIMARY BOARDING SCHOOL
P.7 REVISION WORK (SET TWO) TERM ONE 2020
INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

Name:.....

stream:.....**Date:**.....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read the following instructions carefully:

1. This paper has **two** Sections: **A** and **B**.
2. Section **A**, has **40** questions (40 marks)
3. Section **B** has **15** questions (60 marks).
4. Answer **ALL** questions: All answers to both Sections **A** and **B** must be written in spaces provided in full sentences.
5. All answers must be written using a blue or black ballpoint pen or ink but not pencil. All work done in pencil except diagrams will **NOT** be marked.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read, may lead to loss marks.

FOR EXAMINERS' USE ONLY

FOR EXAMINERS' USE ONLY		
QN. NO.	MARK	SIGN
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
TOTAL		

SECTION A

1. Name the form of electricity produced by fast flowing water.

.....

2. Mention the vitamin deficiency disease controlled by feeding on fruits.

.....

3. Give any one example of a renewable resource.

.....

4. State the advantage of herding to cattle over zero grazing.

.....

5. Mention one way in which a magnet is useful to a radio mechanic.

.....

6. Why is it dangerous for a father to smoke near his family members?

.....

7. Name the features on a cock that attract its mates.

.....

8. What scientific name is given to a dark region formed when an opaque object is placed in the path of light?

.....

9. State any one factor that leads to drug dependency.

.....

The diagram below shows an electric cell. Use it to answer the questions 10 and 11.



10. Name any one device that uses the above electric cell.

.....

11. Why is the above electric cell grouped under primary cells?

.....

12. How can the negative effects of drugs to patients be controlled?

.....

13. In which way are moss plants different from cypress plants in terms of reproduction?

.....

14. How does poor disposal of faeces lead to easy spread of diarrhoeal diseases?

.....

15. Apart from honey, name one other product got from bees.

.....

16. In which way does a mosquito benefit from its proboscis?

.....

17. Give the reason why aeroplanes are made with streamlined bodies.

.....

18. How can dirt be dissolved in clothes during the process of washing?

.....

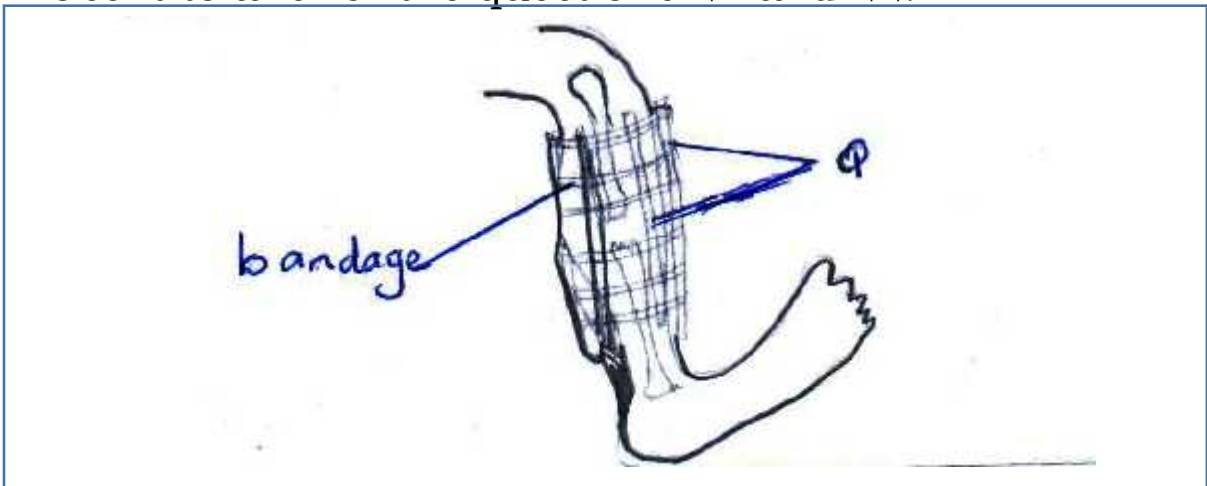
19. How is a black jack seed adapted to its mode of dispersal?

.....

20. In which way is a rabbit similar to a human being in terms of its reproduction?

.....

The diagram below shows the first aid for an accident. Use it to answer the questions 21 and 22.



21. Name the structure marked Q on the diagram.

.....

22. State the importance of the structure marked Q in the administration of the first aid above.

.....

23. Give the use of a screen on a VIP latrine.

.....

24. Mention the organ that produces bile juice.

.....

25. In which way is prolonged breast feeding important to a mother?

.....

26. How are echoes controlled in a radio studio?

.....

27. State the difference between a nymph and an adult cockroach.

.....

28. Why is sugar an important component of oral rehydration salts?

.....

The diagram below shows a crop growing practice. Use it to answer the questions 29 and 30.



29. Name the crop growing practice shown above.

.....

30. Why is the garden tool marked A above used for the crop growing practice named in 29 above.

.....

31. Give any one activity a family can do to control communicable diseases.

.....

32. Why are goats referred to as primary consumers in a food chain?

.....

33. How is the bad smell controlled in people?

.....

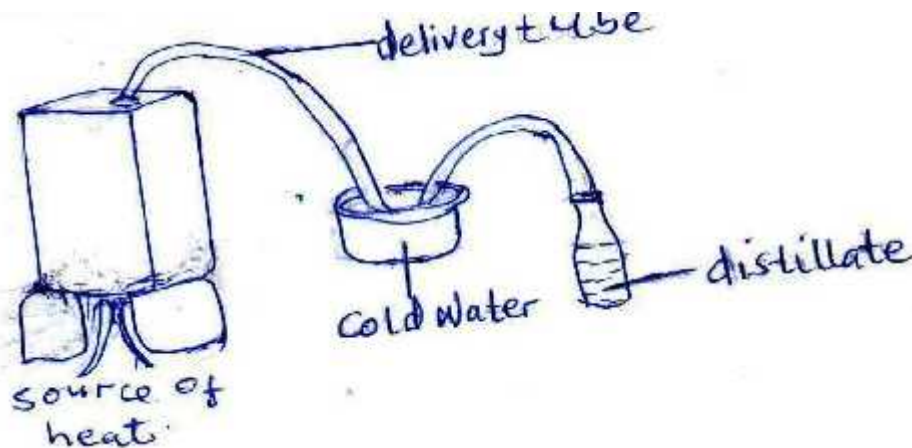
34. Mention the element of weather that helps in separation of chaff from grains.

.....

35. State the importance of the cortex in the human kidney.

.....

The diagram below shows a method of producing alcohol. Use it to answer the questions 36 and 37.



36. Name the process of producing alcohol shown in the diagram above.

.....

37. What is the importance of cold water in the process above?

.....

38. What term is used to mean a child who commits crimes which are punishable by law?

.....

39. Why is the trachea kept open by the rings of cartilage all the time?

.....

40. Mention any one type of teeth with many cusps on its surfaces.

.....

SECTION B (60 MARKS)

41.a) Mention any two activities done to promote maternal and child health care in the community.

i)

ii)

b) State any two dangers of failure to promote maternal and child health care in our community.

i)

ii)

42. Mention the disease of the circulatory system which;

i) destroys red blood cells.

.....

ii) causes abnormal production of the white blood cells.

.....

iii) destroys white blood cells.

.....

iv) causes red blood cells to have abnormal shape.

.....

43. Give any one reason why crop farmers carry out the following crop growing practices during land preparation.

i) ploughing the land

.....

ii) harrowing the land

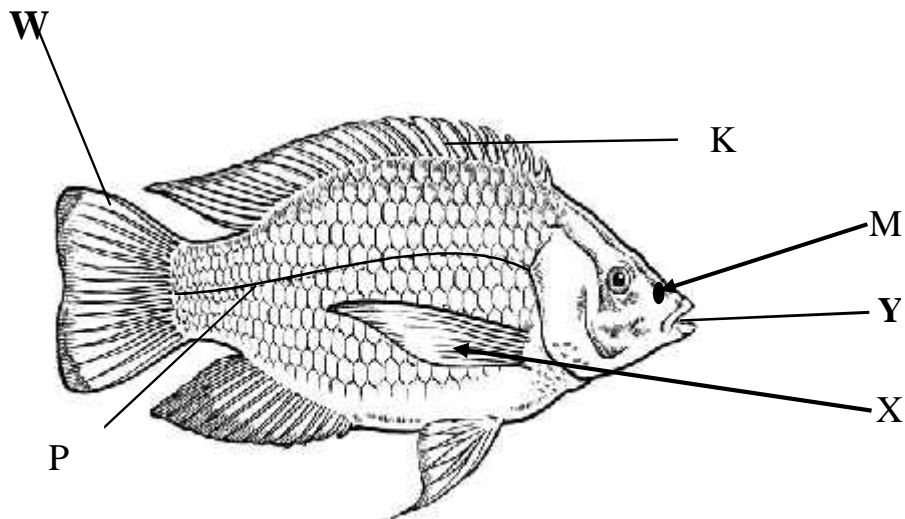
.....

b) State any two disadvantages of using broad casting method of planting crops.

i)

ii)

44. The diagram below shows a fish. Study it and use it to answer questions that follow.



a) Name the parts labelled K and X.

i) K -

ii) X -

b) State the functions of the part marked M.

.....

b) Give any one way in which a fish is adapted to living in water.

.....

45.a) Give the meaning of soil exhaustion.

.....

.....

b) State any one cause of soil exhaustion in our environment.

.....

c) Give any two ways of controlling soil exhaustion in our environment.

i)

ii)

46.a) Mention the digestive juice which is produced in the ileum.

.....

c) Give any one enzyme contained in the digestive juice mentioned above.

.....

d) Give any two ways in which the ileum is able to do its work well.

i)

ii)

47.a) Write any one disease which causes fever to human beings.

.....

b) Give any two signs and symptoms of fever and convulsions in human beings.

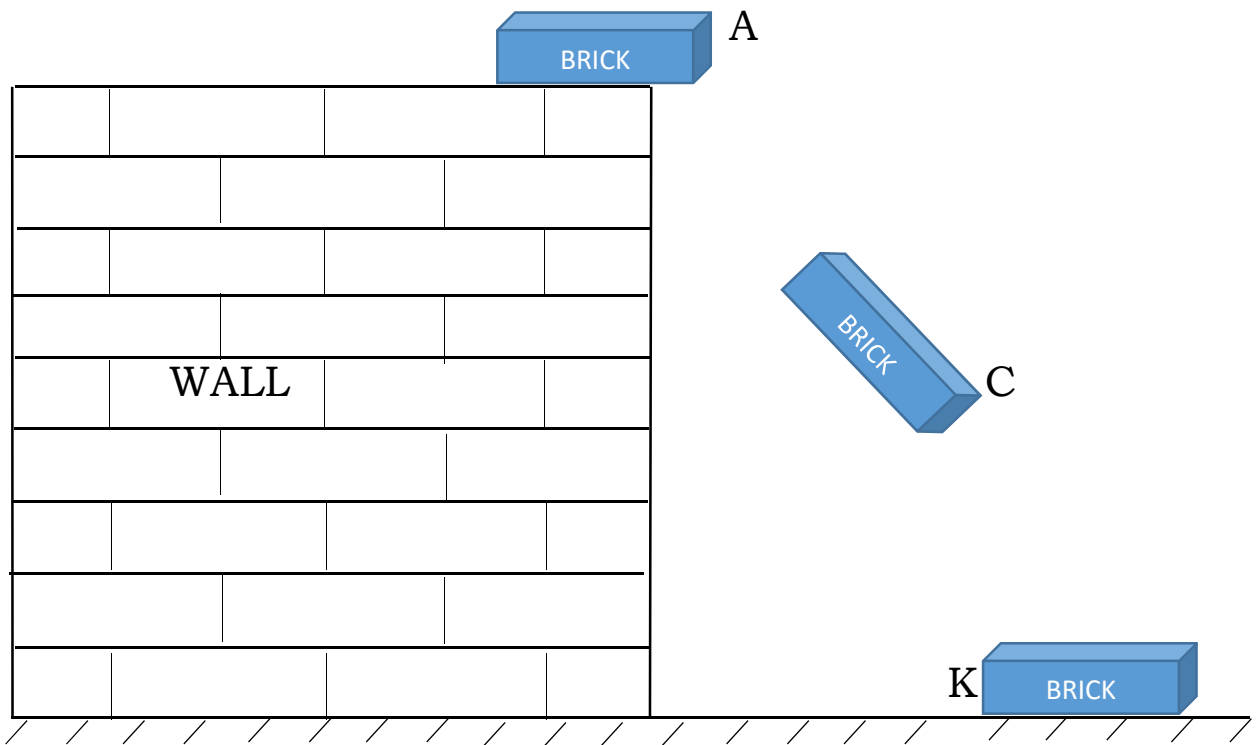
i)

ii)

c) Write any one way in which fever and convulsions in human beings can be controlled.

.....

48. The diagram below shows a brick falling from a wall. Use it to answer the questions that follow



a) Name the type of energy possessed by the brick at point A.

.....

b) Apart from sound energy, write another form of energy produced by the falling brick at point k.

.....

c) Which force enables the brick to move from point A to K?

.....

d) Give a reason why the brick is said to possess kinetic energy at point C.

.....

49.a) State the use of each the following tissues within the human body.

i) tendon

.....

ii) ligament

.....

b) How is the synovial fluid similar to cartilage in terms of functions at a joint?

.....

c) State one way in which joints are important in the human body.

.....

50. The list below shows different living organisms. Study and use it to answer the questions that follow.

mushrooms	oranges	mosses	barley
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a) Identify the living organisms from the list above which produces grains.

.....

b) Mention the group of living organisms where mushrooms belong.

.....

c) State one other living organism which can be grouped together with mosses.

.....

d) Give any one way in which orange plants are different from moss plants.

.....

51.a) Which process occurs in the biogas digester?

.....

b) Give any two reasons why a biogas digester should be tightly sealed.

i)

ii)

c) State any one advantage of using biogas to the environment.

.....

52.a) Mention two defects of the human ear.

i)

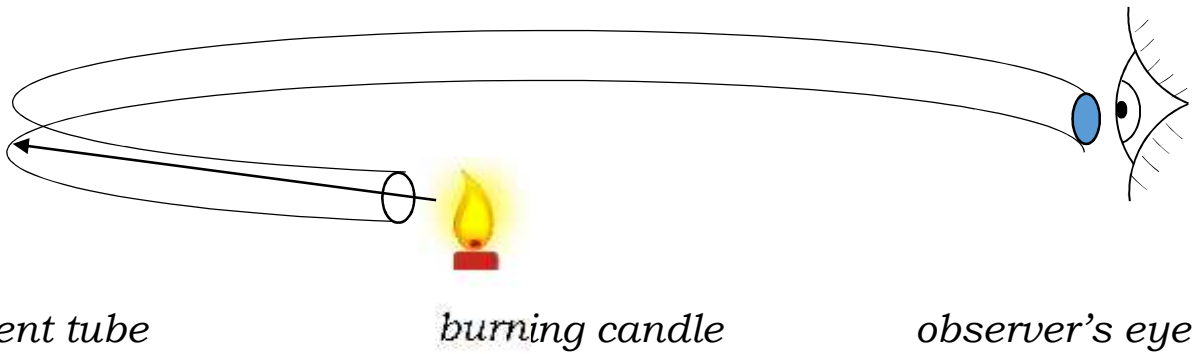
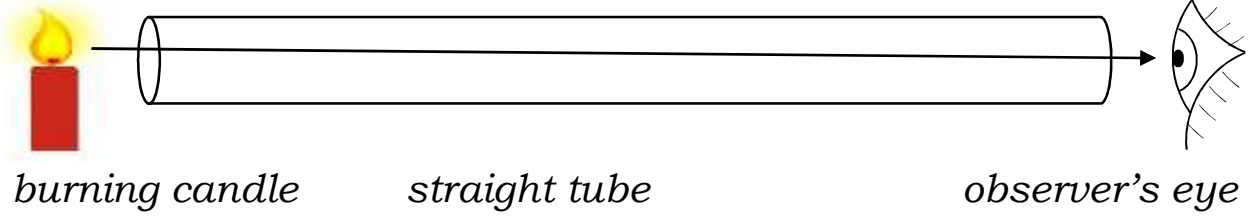
ii)

b) Give any two ways in which the defects of the human ear can be controlled?

i)

ii)

53. The diagram below shows a certain property of light. Study and use it to answer the questions that follow.



- a) State any property of light shown in the diagram above.

- b) In which diagram is the observer un able to see light from the burning candle?

- c) Give a reason for your answer in 53 (b) above.

- d) Apart from the property of light above, write one other property of light.

54. Match the methods of separating mixtures in list A with the mixtures in list B.

A	B
filtration	maize flour and iron fillings
using separating funnel method	water and alcohol
fractional distillation	water and cooking oil
use of a magnet	seeds and fruit juice

- i) Filtration
- ii) Using separating funnel method.....
- iii) Fractional distillation method.....
- iv) Use of a magnet.....

55.a) Apart from vasectomy, write any one other permanent method of family planning.

.....

b) Why is vasectomy discouraged by most people in our community?

.....

c) State any one myth and misconception about vasectomy as a method of family.

.....

d) Give any one reason why people carry out family planning.

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__END__