

NAMAGUNGA PRIMARY BOARDING SCHOOL

P.6 REVISION SET (II) 2020

INTEGRATED SCIENCE

Time allowed:

2 Hours 15 Minutes

Pupil's Name:

Stream:.....

Read the following instructions carefully.

1. This paper has two sections **A** and **B**.
2. Section **A** has **40** short 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.
5. All answers must be clearly written using blue or black ball point pen or ink. Only diagrams should be drawn in pencil.
6. Unnecessary changes of work may lead to loss of marks.
7. Do not fill in the boxes. They are for examiners' use only.

FOR EXAMINERS' USE ONLY

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Qn. No.	MARKS	EXR'S NO.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A

1. Mention the body organ that filters blood.

.....

2. Name the component of air needed by leguminous crops to make proteins.

.....

3. State the mode of fertilization in birds.

.....

4. Why are the feathers of a cock brightly coloured?

.....

5. In which way is the pancreas important during the digestion of food?

.....

6. Give a reason why a bee hive is lowered to the ground level during the harvesting of honey.

.....

7. Name any one stringed musical instrument that produces sound by rubbing.

.....

8. Why are pregnant mothers immunized with Tetanus Toxoid vaccine (TT)?

.....

9. Give any one advantage of mulching.

.....

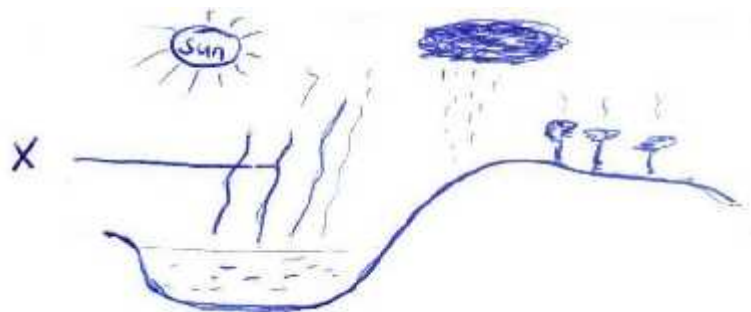
10. In which way can mating in sheep be made easy?

.....

11. Mention any one effect of alcoholism to a family.

.....

The diagram below shows the process in nature. Study and answer questions 12 and 13.



12. Name the physical process taking at X.

.....

13. How is the sun important during the above process?

.....

14. Give any one example of a dairy breed of goats.

.....

15. Why should every home have a rubbish pit?

.....

16. In which way is volume different from pitch of sound?

.....

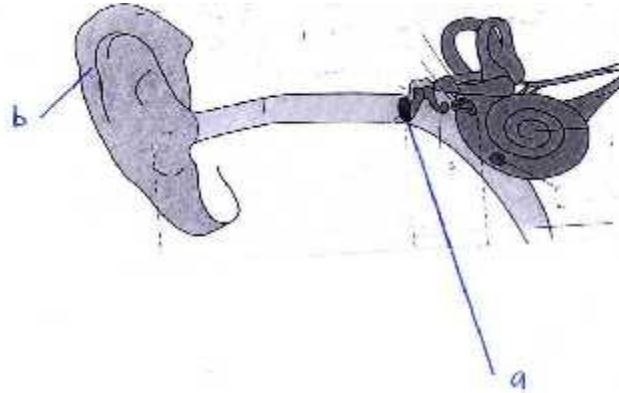
17. State one way of reducing bad smell from ordinary pit latrines.

.....

18. Why are arteries made up of thick walled muscles?

.....

The diagram below shows the human ear. Study it and answer the questions 19 and 20.



19. Name the part marked **a**.

.....

20. State the function of part marked **b**.

.....

21. How can rabbits be kept in a good health condition?

.....

22. In which way are fats important in the body?

.....

23. Name the type of weather required by farmers to dry their harvested crops.

.....

24. Mention the force that pulls objects down to the earth.

.....

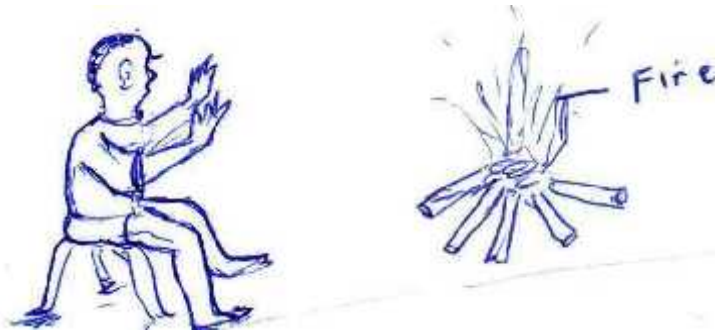
25. How is a frog able to live both in water and on land?

.....

26. How is a sponge an important tool during the bathing process?

.....

The diagram below shows how heat travels from one point to another. Study and answer questions 27 and 28.



- 27. Apart from heat, state another form of energy produced by fire.
.....
- 28. How does the heat from the fire reach the person in the diagram above?
.....
- 29. Why is cigarette smoking dangerous to an individual?
.....
- 30. In which can dampness in a pigsty be managed?
.....
- 31. Why is cold water applied on a burn or scald when giving first aid?
.....
- 32. Name the common vector found on rotting matter.
.....
- 33. Name the method of preserving food where germs are made dormant.
.....
- 34. State the communicable disease which leads to passing out of watery stools with blood stains.
.....

35. Write the type of teeth used for tearing food?

.....

36. Mention the type of change that enables animals and plants to increase in size.

.....

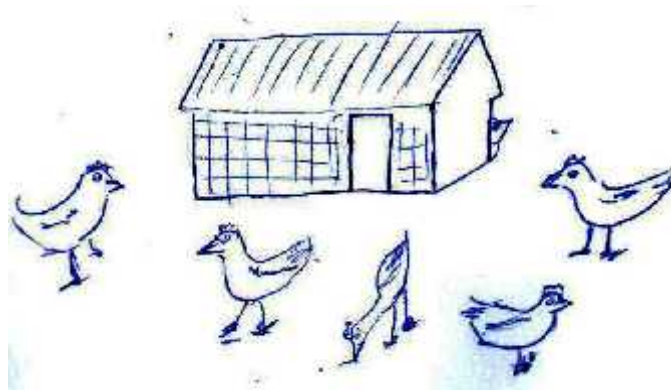
37. Which element of PHC enables a pregnant mother and her unborn baby maintain good health.

.....

38. Why should a living house be properly ventilated?

.....

The diagram below shows the method of keeping poultry. Study and use it to answer question 39 and 40.



39. Name the method of keeping poultry shown above.

.....

40. State one disadvantage of above method of poultry keeping.

.....

SECTION B : (60 marks)

41. Mention the food deficiency disease in children that causes;

- (i) ox-bow legs -
- (ii) pot belly -
- (iii) brownish hair -
- (iv) bleeding of the gum -

42(a) Apart from propolis, write one other material honey bees collect from the environment.

.....

(b) State one use of propolis to honey bees.

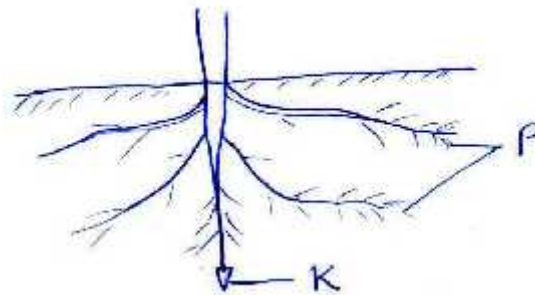
.....

(c) Give any two ways in which honey bees are important to people.

(i).....

(ii).....

43. **The diagram below shows a root system of a flowering plant. Study and use it to answer the questions that follow.**



(a) Name the type of root system above.

.....

(b) State the function of parts P and K.

(i) P -

(ii) K -

(c) Give one importance of roots to plants.

.....

44(a) Mention the component of blood which transports oxygen around the body.

.....

(b) How is the component of blood mentioned in (a) above adapted to its function?

.....

(c) State any two ways of increasing the volume of the component of blood mentioned in (a) above.

(i).....

(ii).....

45(a) Mention any one component of the first aid kit used for cutting the gauze.

.....

(b) How is a safety pin important in the administration of first aid?

.....

(c) Give any two reasons why casualties are given first aid.

(i)

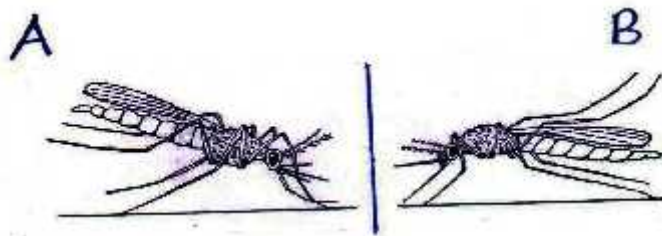
(ii)

46. Match the garden tools in list G with their uses in list H.

G	H
Garden fork	For weeding in a nursery bed
Forked hoe	For turning manure in a compost pit
Hand fork	For harvesting tuber crops
Hoe	For digging in stony areas

- (i) Garden fork -
- (ii) Forked hoe -
- (iii) Hand fork -
- (iv) Hoe -

47. **The diagram below show two different types of mosquitoes. Study and use it to answer the questions that follow.**



- (a) Name the mosquito B
.....
- (b) Which mosquito spreads malaria to people?
.....
- (c) Give any two ways of controlling mosquitoes around our homes without using insecticides.
 - (i).....
 - (ii).....

48. (a) Give the meaning of an echo.
.....

(b) Give any two ways in which echoes are important to bats.

(i).....

(ii).....

(c) Mention one disadvantage of echoes to the environment.

.....

49. (a) Apart from babies, write any two other vulnerable groups of people.

(i).....

(ii).....

(b) Why should babies be fed on mashed food?

.....

(c) Give one importance of weaning babies.

.....

50. **The diagram below shows a foot of a certain group of birds. Study and use it to answer the questions that follow.**



(a) State the group of birds shown in the diagram above.

.....

(b) Write one example of a bird with such a foot shown in the diagram above.

.....

(c) Give any two ways in which birds with such a foot are useful to people.

(i).....

(ii).....

51. (a) Mention the germs that cause tuberculosis.

.....

(b) Give a reason why tuberculosis is grouped under air borne diseases.

.....

(c) Write any two ways of controlling tuberculosis within our community.

(i).....

(ii).....

52. (a) State the units for measuring weight.

.....

(b) Mention one factor which determines the weight of an object.

.....

(c) An irregular shaped object of mass 180gram displaces 60cm³ of water in a measuring cylinder. Calculate the density of an irregular shaped object.

53. **The diagram below is of a mushroom. Study and use it to answer questions that follow.**



(a) Name parts K and P.

(i) K (ii) P

(b) State the function of part **X**.

.....

(c) Why is a mushroom grouped under saprophytes?

.....

54. (a) Which agent of soil erosion causes;

(i) sheet erosion?

(ii) gully erosion?

(b) How does leaching cause soil infertility?

.....

(c) Give any one way of controlling soil erosion in hilly areas.

.....

55. (a) Give two importance of heat energy to people.

(i).....

(ii).....

(b) Give any two effects of heat on matter.

(i).....

(ii).....

End