

LA MENNAIS SCHOOLS ACADEMIC COMMITTEE

MID TERM II EXAMINATIONS 2022

P.6 INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

N a m e :

S c h o o l :

STREAM

SECTION A

1.State one characteristic of a bean plant that makes it a living thing.

2.Give any one product of milk.

3.Name one reptile in Uganda that lives both on land and in water.

4.Give one viral disease of cattle.

5.Which property of air is represented in the illustration below?

6.Name the type of soil which does not allow water too pass through it easily.

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7.What is the duty of a queen bee in a hive?

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8.What are vertebrates?

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9.How are scavenger birds useful to man?

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10.Name the skeleton disease prevented by administering BCG vaccine.

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11.Calculate the density of a stone whose mass is 160g and has displaced water equal to 40cc.

12.Which part of the clinical thermometer has a similar function with valves of mammalian heart?

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13.What is animal husbandry?

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14.Give one advantage of artificial insemination.

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15.How is the plant below adapted to being dispersed by animals?

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16.Give one material used when harvesting honey?

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17.How can we reduce the speed of fast running water in the school compound?

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18.Mention the disease which is likely to break out in case the tsetse fly bites the livestock on the farm.

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19.Name the part of an insect that has the same function as the gills of the fish.

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20.Apart from animal kingdom, which other group of organism make up living things?

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21.Kato suffered from a disease and recovered, which type of immunity did he get?

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22.State one reason why animals make sound.

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23.Give one example of flightless bird.

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24.What is seed dispersal?

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25.What are arthropods?

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26.Name the farm practice that makes mating easy in sheep.

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27.Write one danger of sharing a water source with animals.

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28.Give one characteristic which is common in all mammals.

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29.How do fish help in the control of malaria?

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30.How can a farmer control weeds in the garden?

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31.What is the importance of ventilators on a living house?

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32.Name the part of the flowering plant marked “X” in the diagram below.

X

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33.What is frequency as used in science?

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34.What practice enables a primary child to remove germs from his/her hands after using a latrine?

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35.What are arteries?

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36.Why does blood go to the lungs?

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37.In which part of the maize grain is the food stored?

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38.Name the method of identification in cattle shown below.

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39.Name one example of a fruit that develop from the receptacle of a flower.

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40.Change 320F to Celsius scale.

SECTION B

41.(a) What is pollination?

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(b) State two types of pollination.

( i )

( i i )

(c) Name one agent of pollination.

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42.(a) What is passive smoking?

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(b) Name one harmful chemical found in tobacco.

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(c) State two effects of smoking on the human body.

( i )

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( i i )

43.(a) What is poultry?

(b) State any two vices common among poultry.

( i )

( i i )

(c) Name one disease common in poultry and rabbits.

44.The pie chart below shows amount of gases in the atmosphere. use it to answer questions which follow.

(a) Name the gas represented with the total percentage of 21% in the pie chart.

(b) Which gas occupies the largest part in the atmosphere?

(c) Give two uses of carbon dioxide in the environment.

( i )

( i i )

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45.(a) Name two components of blood.

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

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

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(b) Give one structural difference between a vein and an artery.

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(c) Name one disease of circulatory system.

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46.Study the table below and answer the questions that follow.

(a) What is the similarity in the way animals in list A reproduce?

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(b) To which class of animals do those in list B belong?

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(c) In which way is tilapia in list A similar to a whale in list B?

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(d) What is common about animals in list A and B?



47.(a) Mention two solutes used in making ORS.

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

\_\_\_\_\_

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

\_\_\_\_\_

(b) How is ORS useful to dehydrated person?

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\_\_\_\_\_

(c) Apart from ORS, what else should be given to the patient with severe diarrhea?

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48.(a) What is germination?

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(b) Name the three conditions necessary for seed germination.

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

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

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

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49.The diagram below is of a bird's egg. Use it to answer the questions that follow.

(a) Name the part marked W.

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(b) State the function of part marked Y.

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(c) Why is part labeled "X" porous?

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(d) Explain why an egg may fail to hatch.

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50. Study the diagram below and use it to answer questions that follow.

(a) Name the structure marked A on the diagram above.

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(b) How are structures marked B and C important?

(                    i                    )

B

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( i i )

C

(c) How can you improve the sanitation of the above house?

51.(a) Write DPT in full.

(b) Why is DPT vaccine called a triple vaccine?

(c) Name any two diseases prevented using DPR.

( i )

( i i )

52.The diagram below shows a root of a bean plant. Use it too answer questions that follow.

(a) Name the root system above.

(b) How are the following parts useful to the plant?

( i ) Y

( i i ) K

( i i i ) C

53. Below are different types of blood cells. Use them to answer questions that follow.

(a) Name the type of blood cell marked L.

(b) How important is blood cell marked M in the body?

(c) Which of the above marked cells is infected by germs spread by female anopheles mosquito?

(d) Where in the body are blood cells of type N produced?

54.(a) Give two advantages of keeping cattle in paddocks.

( i )

( i i )

(b) State one-way paddock grazing is a disadvantage to the cattle farmers.

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(c) Why do farmers prefer keeping local breeds to Exotic breeds?

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55.(a) What is mulching?

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(b) Write two advantages of mulching.

( i )

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( i i )

(c) How does mulching improve soil fertility?

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List AList B

TilapiaFrogCrocodileDoveRatGoatLionWhale

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MID TERM II EXAMINATIONS 2022  
P.5 INTEGRATED SCIENCE  
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N a m e :  
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STREAM

SECTION A

1.Which gas has the highest percentage in the atmosphere?

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2.Give any one disease of poultry.

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3.What do we call the transfer of seedlings from the nursery bed to the main garden?

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4.Identify any one cause of dehydration.

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5.Which childhood immunisable disease is immunized against using BCG vaccine?

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6.Name the type of venation which cereals have.

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7.Give one reason why farmers mulch their gardens.

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8.Which instrument is used to measure the speed of wind?

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9.Calculate the volume of the regular object drawn below.

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10.Why do bees visit flowers?

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11.Write UNEPI in full.

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12.State any one agent of soil erosion.

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13.Where does the absorption of food take place in the digestive system?

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14.Explain any one way of controlling soil erosion on hilly areas.

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15.Mention one example of root tubers apart from cassava.

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16.Why do objects sink in water?

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17.Name the compound leaf drawn below.

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18.Identify any one disease of digestive system.

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19.Why are children taken for immunization?

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20.Name one domestic animal which produces milk.

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21.Which garden tool is used to transplant seedlings?

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22.Which part of the skeleton protects the brain?

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23.Name the equipment drawn below.

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24.Why do people cut finger nails short?

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25. Identify any one agent of pollination.

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26. How are plants useful to man?

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27. Give any one example of perennial crops.

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28. State any one method of controlling egg eating among poultry.

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29. What is the normal human body temperature in degrees Celsius (°C)?

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30. Write down any one importance of roots to plants.

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31. Identify any one disease which is immunized against when it breaks out.

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32. Name the green pigment found in leaves and some stems.

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33. Which nutrients do we get from eating posho?

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34. Besides decomposition, which other process leads to soil formation?

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35. Give any one difference between mass and weight.

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36. Which property of air is demonstrated below?

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37. Where does the digestion of food start from?

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38. Name one type of incubation.

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39. Which type of soil is used to make glasses?

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40. Name the instrument that is used to see germs.

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## SECTION B

41.(a) State any one example of floating objects.

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(b) What are standard units of measuring weight?

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(c) Name the force of water which pushes objects on water upwards.

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(d) Calculate the density of an object whose mass is 40g and volume 10cc.

42.(a) Identify any one type of chickens.

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(b) Which disease of poultry also affects rabbits?

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(c) Give one example of poultry vices.

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(d) Explain one way of controlling poultry vices.

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43.(a) Write down any two examples of social insects.

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

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

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(b) Which type of bees collects food and defends the hive against enemies?

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(c) State any one product which we make using bee wax.

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44. Study and complete the table given below sensibly.

45.(a) Name the furthest cloud in the atmosphere.

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(b) Give any one importance of clouds.

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(c) Mention any one weather instrument which is kept in the Stevenson screen.

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(d) A place where weather instruments and records are kept is known as

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46. Study the diagram below and answer the questions about it.

(a) Name the parts of the diagram above marked B, E and D.

(                    i                    )

B

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(                    i                    i                    )

E

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(                    i                    i                    i                    )

D

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(b) What is the function of part marked C?

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47.(a) Identify one component of soil apart from air and water.

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(b) Which type of soil is the best for crop growing?

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(c) Mention any one cause of soil erosion.

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(d) Explain any one way how farmers maintain soil fertility in their gardens.

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48.Study the diagram below and answer questions about it.

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posho, beans, butter and fruits

( i )

( i i )

(b) Give any one example of diseases which are not caused by germs.

(c) Give one way of controlling communicable diseases.

51.(a) Identify two living components of the environment.

( i )

( i i )

(b) How do plants depend on animals in the environment?

(c) Name any one four legged animal which lives in water.

52. Match the items given below correctly.

AB

Scurvy Vitamin D deficiency

Rickets Iodine deficiency

Goitre Protein deficiency

Kwashiorkor Vitamin C deficiency

( i )

Scurvy \_\_\_\_\_

( i i )

Rickets\_\_\_\_\_

( i i i )

Goitre\_\_\_\_\_

( i v )

Kwashiorkor\_\_\_\_\_

\_\_\_\_\_

53.(a) Write down two methods of keeping poultry.

( i )

\_\_\_\_\_

( i i )

\_\_\_\_\_

(b) Give any two diseases of poultry.

( i )

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( i i )

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54.(a) Besides water, give another raw material of photosynthesis.

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(b) How is chlorophyll useful during photosynthesis?

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(c) Give one product of photosynthesis.

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(d) Why can't photosynthesis take place at night?



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55.(a) State any two types of germs.

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( i i )

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(b) Which type of germs cause;

(i) Tuberculosis?

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(ii) Measles?

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

DISEASEVACCINESITE

Poliomyelitisi)Mouth

ii)BCG vaccineRight upper arm

Hepatitis BHep B vaccineiii)

iv)Measles vaccineLeft upper arm

VitaminsProteinsFatsCarbohydrates

i)ii)iii)iv)