



MUMMY'S CARE SCHOOL ADJUMANI

MID TERM II ASSESSMENT-2024

PRIMARY SIX

INTEGRATED SCIENCE

Time Allowed: 2 Hours and 15 Minutes

NAME:.....

SCHOOL:.....

Date:...../...../.....

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The 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 the spaces provided.
5. All answers must be written using a **blue or black ball point pen or ink**. Diagrams should be drawn in **pencil**.
6. Unnecessary crossing of work may lead to loss of marks.
7. Any **handwriting** that cannot be easily read may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated;
"FOR EXAMINER'S USE ONLY"

FOR EXAMINER'S USE ONLY

SECTION	SCORE
A	
B	
TOTAL	

SUBJECT TEACHER'S COMMENT:

.....
.....
.....

SECTION A (40 MRKS)

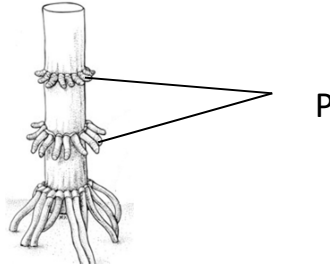
1. Give any one domestic animal that neither gives us milk nor meat.

2. How is a mosquito similar to reptiles in terms of their reproduction?

3. Mention any one example of dental disorder.

4. Give any one way in which plant leaves can be useful to people.

5. How are the roots marked with letter P important to a maize plant?



6. Honey is a product that apiary farmers regularly harvest from the bee hives and sell or eat. State the food value we get from eating honey.

7. Name the type of cattle that is useful in production of milk.

8. What type of thermometer is used to measure both the highest and the lowest temperature of the day?

9. How can mulching be dangerous to crop farmers?

10. Name the state of matter in which sound travels the fastest.

11. Gabriel's body temperature is 38°C . What first aid can Gabriel be given?

12. How do tapeworms enter into our body?

13. Give any one example of nocturnal animal.

14. State any one physical process involved in formation of clouds.

15. Give any one advantage of paddock grazing in goat keeping.

.....
16. Suggest one way of maintaining the digestive system in good working condition.

.....
17. Give one way conduction of heat is applied in our daily life?

.....
18. How does the plant in the diagram below get support in order to get enough sunlight?



.....
19. Convert 20° C to °F.

20. Which form of energy is produced by vibration of an object?

.....
21. Name the substance that exists in the three states of matter.

.....
22. Why do houseflies lay their eggs in decaying matter?

.....
23. How is the blood carried by pulmonary vein different from blood carried by pulmonary artery?

.....
24. Write MCT in full.

.....
25. Apart from killing germs, how else is hydrochloric acid important in the stomach?

.....
26. Why can't a spider be trapped by its own cobweb?

27. Which germ causes Haemophilus Influenza b?
.....
28. How is a canine tooth adapted to its function?
.....
29. State any one sign of a compound fracture.
.....
30. Mention any one play material made from banana fibres.
.....
31. State any one effect of alcoholism to individuals.
.....
32. Why are ventilators placed on top of doors and windows?
.....
33. Give any one difference between a toad and a frog.
.....
34. Why are schools encouraged to have school gardens?
.....
35. How does malaria affect circulatory system?
.....
36. Apart from a bat, name any other echo locating animal.
.....
37. Draw the structure of white blood cell in the space provided below and label the nucleus using letter K.
38. State any one importance of cilia in the nose.
.....
39. Mention any one factor that affects the speed of sound.
.....
40. How is air different from wind?
.....

SECTION B (60 MARKS)

41. a) What is a type of cattle?

.....

b) Identify the type of cattle kept for the following purposes.

i) Meat production

.....

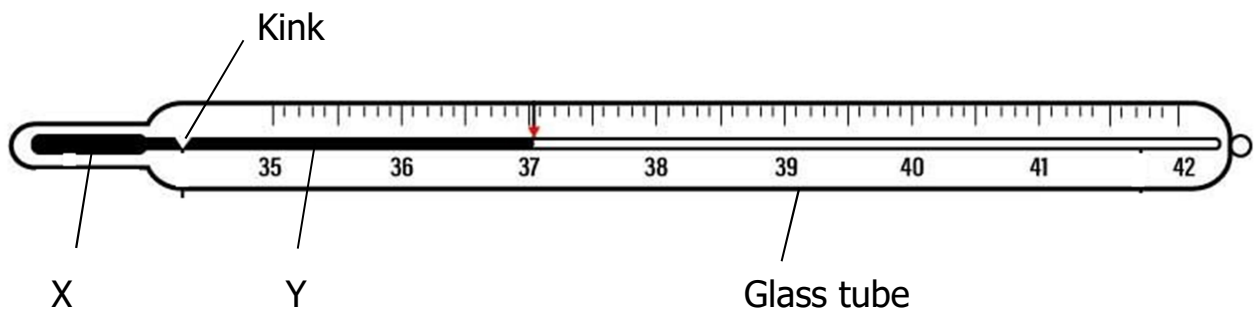
ii) Milk production.

.....

c) In which one way are draught cattle important to farmers?

.....

42. The diagram below shows the features of a clinical thermometer. Study and use it to answer the following questions.



a) Apart from clinical thermometer, mention any other type of thermometer.

.....

b) Name the part marked with letter X.

.....

c) State the function of the kink in clinical thermometer.

.....

d) Why do doctors shake the thermometer before placing it onto the patient?

.....

43. a) Mention the type of chicken kept for egg production.

.....

b) In which one way is poultry keeping important to crop farmers?

.....

c) State any one condition that may fail fertilized eggs from hatching.

.....

d) How can a farmer improve egg production on his farm?

.....

44. a) State the differences between a fruit and a seed.

b) Mention any two agents of seed dispersal.

i).....

ii).....

c) Mention one characteristic of seeds dispersed by wind.

45. a) Define the term soil erosion.

b) How does mulching control soil erosion?

c) Identify one agent of soil erosion.

d) Besides mulching, state one way of controlling soil erosion.

46. The diagrams below shows common fungi. Use them to answer the questions that follow.



a) Identify the fungus shown in W above.

b) How does fungus R reproduce?

c) How are the above fungi useful to people?

i) Fungus W

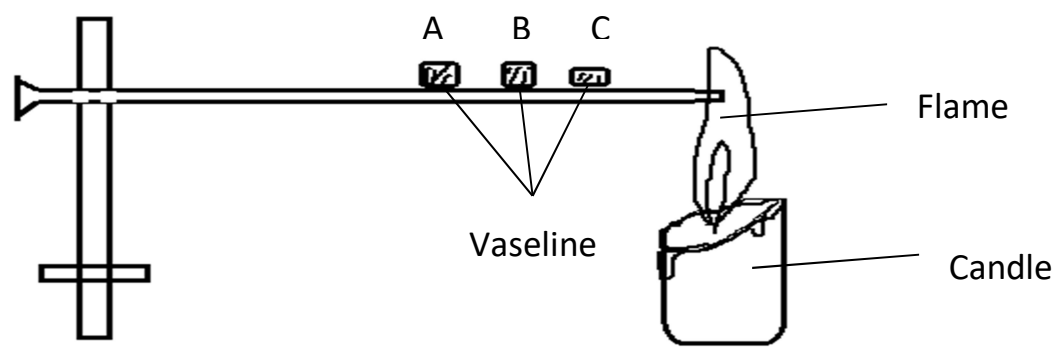
ii) Fungus R

47. a) Why are echoes normally reduced using soft porous materials?

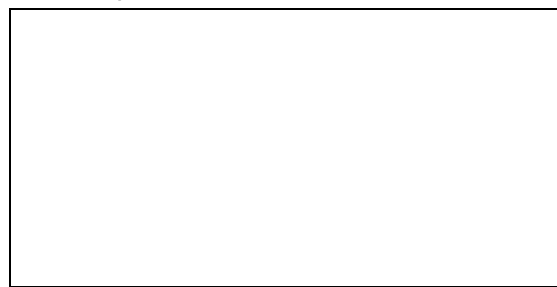
b) Gorethy was standing across the valley which was 660 metres from the cliff. If she shouts, how long will it take her to hear the echo?

48. a) Give any two indicators of poor sanitation.
- i).....
- ii).....
- b) How is a plate stand important at home?
-
- c) Mention any one way of preventing diseases without using drugs.
-

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



- a) Identify the piece of Vaseline that melts first.
-
- b) Give a reason to support your answer.
-
- c) How does the heat from the burning candle reach the Vaseline?
-
- d) Name the main source of heat in the environment.
-
50. a) Name the smallest stones that are found in the gizzard of a bird.
-
- b) State what happens to food in the crop of a bird.
-
- c) Apart from using their beaks, how else do birds protect themselves?
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- d) In the space below, draw the foot of a swimming bird.



51. a) Which term means the development of a seed embryo into a seedling?

b) Mention any one type of the term mentioned in (a) above.

c) Outline any two conditions necessary for the term mentioned in (a) above to take place.

i)..... ii).....

52. Study the table of the immunization below and complete it correctly.

Disease	Vaccine	Site
Tuberculosis	BCG
Measles	Left upper arm
.....,.....	Polio vaccine

a) A part from carrots, mention two examples of root tubers.

i).....

ii).....

b) Which vitamin do we get from eating carrots?

c) State one reason for washing carrots before eating when raw.

53. a) Give any two causes of road traffic accidents.

i).....

ii).....

b) State one reason for giving first aid for accident victims.

c) How is surgical spirit important in giving first aid to a victim with a cut on the skin?

54. a) Name the body cavity in which the heart is found.

b) What name is given to the special muscle the heart is made up of?

c) In which way is the rib cage useful to the circulatory system?

d) Define double circulation.

55. a) Identify the vector that spreads the germ for sleeping sickness.

b) Give two types of germs.

i)..... ii).....

c) Mention any one disease that spreads due to poor sanitation.

END