

MERCY BASED SCHOOL KANKU EXAMINATIONS BOARD
END OF HOLIDAY P.7 SCIENCE EXAMINATION SET 3

Time allowed: 2 hours and 15 mins

Candidate's Name: _____

Candidate's Signature: _____

Index number:

School Random No.						Personal No.		

SECTION A. 40 Questions

1. Which part of a flowering plant determines its height?

2. Name one example of a useful fungi.

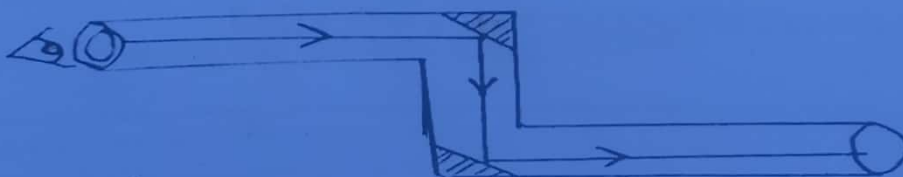
3. Why do earth worms come out of the soil after raining?

4. State one cause of dehydration in children

5. Why is a liver regarded as the excretory organ?

6. Give one reason why poultry farmers add calcium to their poultry feeds

Below is an optical instrument. Use it to answer questions 7-8



7. Name the optical instrument shown above

8. State the principal in which the above instrument work

9. State the main cause of fainting

10. How are teeth useful during digestion of food?

11. State one way of preventing tuberculosis among children

12. Name one example of a root tuber apart from turnips

13. Name the direction to which a freely suspended magnet rest

14. Give any one material used to promote oral health

15. How is a cervix important during pregnancy?

16. State any one example of a wood fuel

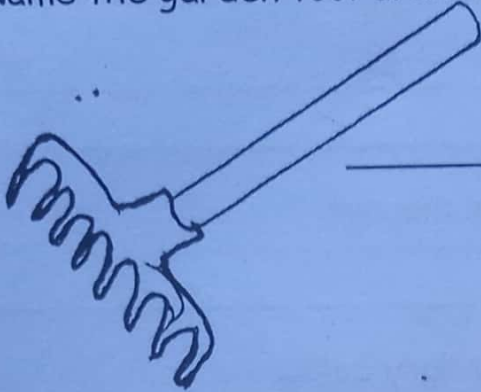
17. How is a solar eclipse formed?

18. Name one cold blooded vertebrate with a shell

19. Which body organ purifies blood?

20. How are hooks and suckers of a tape worm similar in their function?

21. Name the garden tool drawn below



22. State the use of the above garden tool to crop farmers

23. Name any one disease of poultry that attack rabbits

24. How is the reproduction of a whale different from that of a fish?

25. Why is water grouped under renewable energy resources?

26. Name the kind of static electricity in nature

27. Name the water born disease that affects the liver

28. Give any one group of storage stems

29. What type of fracture is common in infants?

30. State one reason for giving first aid

31. Why is a coin put in a bucket full of water appears to be nearer than its real depth?

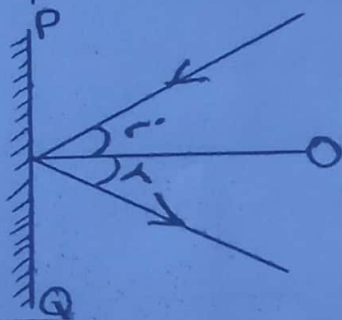
32. Name one example of a natural magnet

33. Name one example of a secondary colour

34. Name the female sterile bee in a hive

35. State one way plants can reduce on the rate of transpiration in dry seasons

The diagram below shows light rays striking a smooth surface. Study and use it to answer question 36 and 37.



36. Name the type of reflection shown above

37. Name the angle marked i in the diagram above

38. Name one example of a coniferous plant apart from pine

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

40. State one example of arachnid

SECTION B

41(a) State the importance of each part of a VIP latrine

(i) Screen _____

(ii) Vent pipe _____

(b) Why is a VIP latrine called the following

(i) Improved: _____

(ii) Ventilated: _____

42(a) Define silting

(b) State any one possible cause of silting

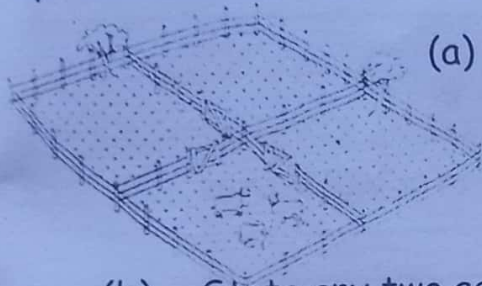
(c) Give one danger of silting to water animals

43(a) Name any one factor that may determine pitch of sound in a guitar

(b) To which group of musical instrument does a guitar belong?

(c) Name any two examples of wind musical instruments

44. The diagram below shows a system of keeping cattle use it to answer questions that follow



(a) Name the system of grazing animal shown above.

(b) State any two advantages of grazing using the method above

(c) Give any one disadvantage of the system above

45. Define smoking

(b) Name any one type of smoking

(c) State any two dangers of smoking to a pregnant woman

46(a) Name the outer most layer of a skin

(b) Name the substance that gives the skin its color

(c) State any two substances that excreted by the human skin

47(a) Give any one way in which (PHC) Primary Healthy Care is important to the community

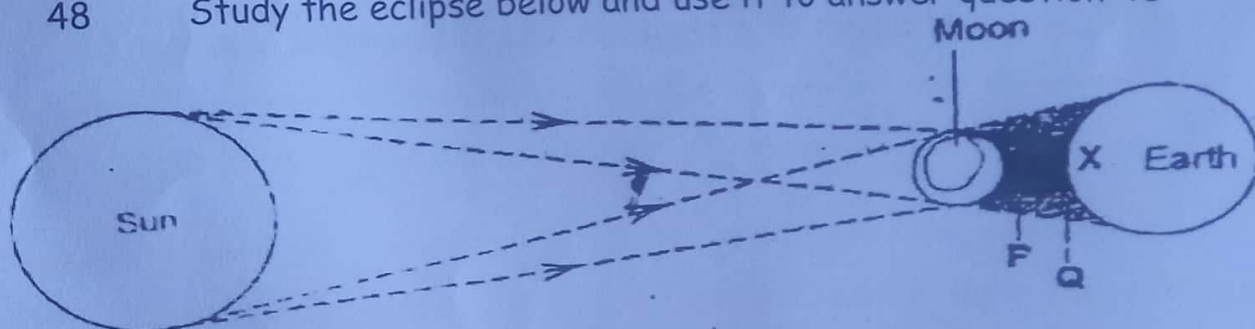
(b) State one element of Primary Healthy Care that is promoted by each of the following activities

(i) Sweeping the kitchen: _____

(ii) Having regular meals: _____

(iii) Bathing and brushing regularly _____

48 Study the eclipse below and use it to answer question 48



(a) Name the type of eclipse shown above

(b) Name the parts of a shadow marked P and Q

P _____ Q _____

(c) State any one importance of shadows to people

49(a) Give any two major steps involved in cleaning clothes

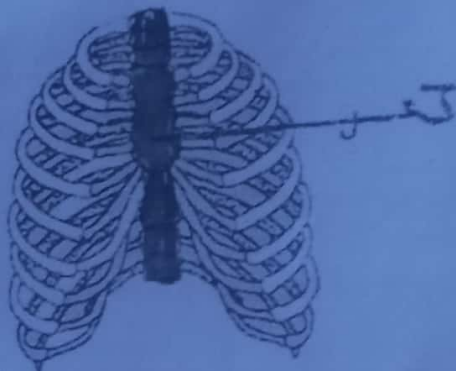
(b) State any two methods used to obtain clean water

50(a) Name the kind of energy possessed by boiling water

(b) Name any two physical process that occurs when water is boiling

(c) To which state of matter is water at 100°C ?

51 Below is a part of a skeleton. Use it to answer question 51



(a) What name is given to the part of skeleton above?

(b) Name the part labeled J

(c) Give two delicate body organs protected by the part of the skeleton shown in the diagram above

52(a). Name two examples of natural fertilizers.

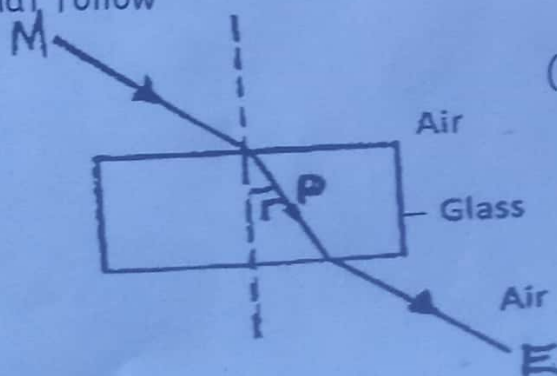
(b) Give two advantages of using natural fertilizers over artificial fertilizers

53(a) Write STDs in full

(b) Name the germ that causes HIV/AIDS

(c) Apart from HIV/AIDS name any one other STD

54. Study the diagram below about refraction and of light use it to answer questions that follow



(a) Name the rays marked M and P

M _____

P _____

(b) Name the angle marked r

(c) State any one effect of refraction in our daily life

55. The table below shows parts of a human eye in **A** and that of a lens camera in **B**

A	B
Iris	Shutter
Pupil	Aperture
Eyelid	Diaphragm
Retina	Film

Write the part of the lens camera from **B** that performs the similar function

(i) Iris: _____

(ii) Pupil: _____

(iii) Eyelid: _____

(iv) Retina: _____

END