

SHILOH JUNIOR SCHOOL

ITEM SET SIX EXAMINATION

CLASS : PRIMARY SEVEN

SUBJECT : INTEGRATED SCIENCE

DURATION : 2 HOURS 15 MINUTES

Name **Stream**

Signature **District**

Index No

--	--	--	--	--	--	--	--	--

Read the following instructions carefully

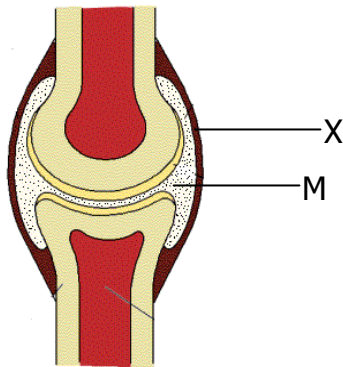
1. This paper is made up of two
Sections: A and B.
2. Section A has 40 questions
(40 marks)
3. Section B has 15 questions
(60 marks)
4. Attempt all questions. Answers to
both sections must be written in
the spaces provided.
5. All answers must be written in
blue ink. Crossing out of answers
will lead to loss of marks.
6. Any handwriting that cannot be
easily read may lead to loss of
marks.

FOR EXAMINERS USE ONLY		
PAGES	T. MARKS	MARKS S.
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
T. Pages 8		

SECTION A (40 Marks)

1. Name one enzyme found in the stomach.
.....
2. Why is oxygen not used in fire extinguishers?
.....
.....
3. State any one danger of houseflies.
.....
4. Why should people drink boiled water?
.....
5. How are the spiracles useful to an insect?
.....
6. Give any one rabbit disease that affects poultry.
.....

The diagram below is part of a human leg. Study it to answer questions 7 and 8.

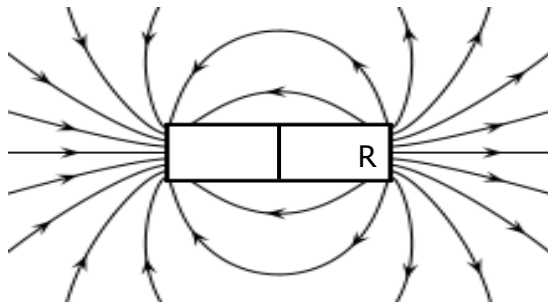


7. Name the structure labeled X.
.....
8. Give the use of the substance marked M.
.....
9. Why does an object weigh less in water than it weighs in air?
.....
.....
10. Give any one external difference between a cock and a hen.
.....
.....

11. State any one factor considered when selecting a site for a living house.

.....

12. **The diagram below shows a bar magnet. Use it to answer the question that follows.**



Name pole R.

.....

13. State any one use of wax in the ear.

.....

14. How does mulching control soil erosion?

.....

15. Why does a millipede curl when touched?

.....

16. Name the organ that removes carbon dioxide from the body.

.....

17. How can a farmer improve on his local breed of cattle?

.....

18. State the units for weight.

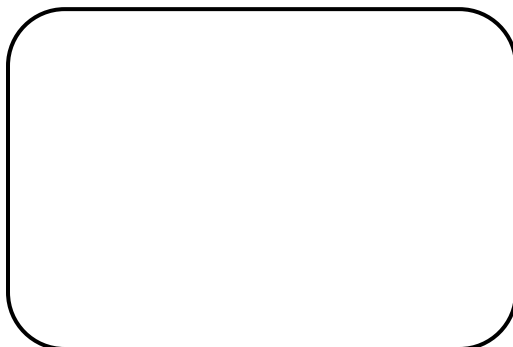
.....

19. Give one way bacteria are useful in a septic tank.

.....

.....

20. In the space below, draw a simple leaf of a monocotyledonous plant.



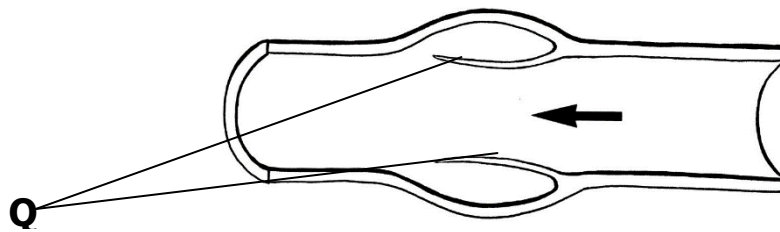
21. What causes yellow fever?
.....
22. To which class of levers does a wheelbarrow belong?
.....
23. Give a reason for the answer in (22) above?
.....
24. Name the part of air which covers the least percentage in the atmosphere.
.....
25. Where do houseflies breed from?
.....
26. Give a reason why car tyres wear out faster on tarmac roads.
.....
27. How is the foot of a bird illustrated below adapted to its function?
.....



-
28. Give any one bird with such a foot in the diagram above.
.....
29. Suggest the best way a P.7 child can prevent HIV/AIDS.
.....
30. What is pollination?
.....
.....
31. What happens when an opaque object is placed in front of a source of light?
.....
32. What is a scald?
.....
.....
33. How would you find the density of an object?
.....
34. By what process does oxygen join the blood stream in the lungs?
.....

35. Apart from polio vaccine, mention one vaccine given to babies at birth.
.....
36. What is asexual reproduction?
.....
37. Write 3Ds in full.
.....
38. Name the second stage in the life cycle of a grasshopper.
.....

The diagram below shows a blood vessel. Use it to answer questions 39 and 40.



39. Name the blood vessel in the above diagram.
.....
40. State the function of structure marked Q during blood circulation.
.....

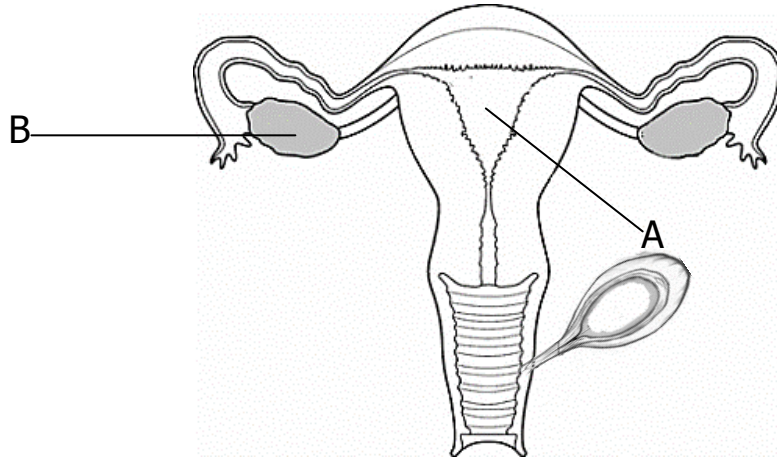
SECTION B (60 Marks)

41. (a) What is smoking?
.....
.....
- (b) Give any **one** reason why people smoke.
.....
- (c) State any **two** health effects of smoking on an individual.
i.
ii.
42. (a) What is a first aid box?
.....
.....
- (b) Name any **one** content of a first aid box.
.....

(c) Give any **two** reasons why first aid is given.

- i.
- ii.

43. **The diagram below is of a human reproductive system. Study and use it to answer the questions that follow.**



(a) Name part marked A and B.

A **B**

(b) What takes place in part A?

.....

(c) Name **one** disease that affects the above system.

.....

44. (a) What is electricity?

.....

.....

(b) Give any **two** uses of electric current.

i.

ii.

(c) State the units of electric current.

.....

45. (a) What is poultry?

.....

.....

(b) Name any **two** methods of rearing poultry.

i.

ii.

(c) Give any **one** disadvantage of natural incubation.

46. (a) What is friction?

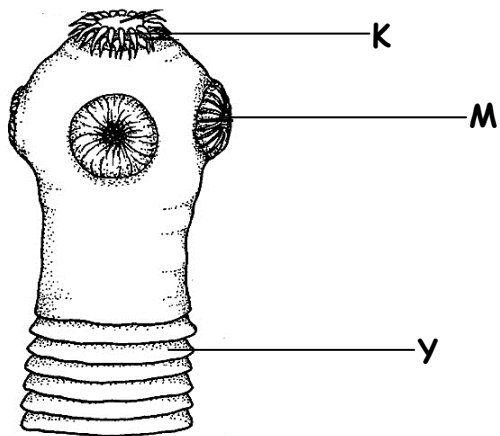
(b) State any **two** disadvantages of friction.

i.

ii.

(c) How can friction be reduced in machines?

47. **Below is a diagram of an intestinal worm. Study and use it to answer the questions that follow.**



(a) Name the worm drawn above.

(b) How does the above worm enter our bodies?

(c) State the use of part M to the worm.

(d) Give **one** sign of the above worm in a human body.

48. (a) How do animals benefit from plants during photosynthesis?

(b) Name the food made by plants during photosynthesis.

(c) Give the raw materials of photosynthesis.

i.

ii.

49. **Match the weather instruments in A with their uses in B correctly.**

List A

Hydrometer
Windsock
Anemometer
Wind vane

List B

shows direction of wind.
measures densities of liquids.
measures strength of wind.
measures speed of wind.

- (a) Hydrometer

.....

- (b) Windsock

.....

- (c) Anemometer

.....

- (d) Wind vane

.....

50. Weeding is the removal of weeds in a garden.

- (a) What are weeds?

.....

- (b) Give any **two** effects of weeds to crops.

i.

ii.

- (c) State any **one** use of weeds to a farmer.

.....

51. (a) Write down any **two** causes of traffic accidents.

i.

ii.

- (b) State any **two** ways of controlling traffic accidents.

i.

ii.

52. (a) Write PIASCY in full.

.....

.....

- (b) State any **two** messages of PIASCY.

i.

ii.

(c) Give any **one** activity a teacher carries out during PIASCY sessions.

.....

53. Outline the steps taken to prepare ORS locally.

(a)

(b)

(c)

(d)

54. (a) What is sound?

.....

.....

(b) Name any **two** devices used to store sound.

i.

ii.

(c) Give any **one** way of storing sound.

.....

55. (a) What is a magnet?

.....

.....

(b) State any **one** use of magnets.

.....

(c) Name the method of making magnets where a permanent magnet is not used.

.....

(d) Give any **one** device that uses a magnet.

.....

*****Success*****