SEEDS OF GRACE PRIMARY SCHOOL
END OF FEBRUARY EXAMINATION, 2024
INTEGRATED SCIENCE – P.7

TIME: 2Hrs: 15Mins.

NAME_____ **INDEX NO.**_____**STREAM: __**

SECTION A (40 MARKS)

1. Name one example of a long bone.

   _____

2. Why should we wash hands after visiting the latrine or toilet?

   _____

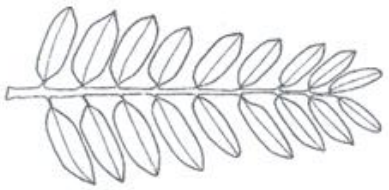
3. Why do butter flies lay eggs on leaves?

   _____

4. Identify one cause of dehydration.

   _____

5. Name the kind of compound leaf below.



_____

6. Which class of food is first digested in the stomach?

   _____

7. Why does 1kg of iron have less volume than 1kg of cotton wool?

   _____

8. State one principle of PHC.

   _____

9. How can indigestion be prevented?

   _____

10. Mention one example of a natural magnet.

    _____

11. Name one part of a bean that forms the seed embryo.

    _____

Tel: 0783415073/ 0758299602

12. State the similarity between the switch and the fuse in the way they function.

_____

_____

13. In which way do bacteria help in soil formation?

_____

14. Mention one example of animal fibre in the environment.

_____

15. Why is it not possible to separate a mixture of iron and steel using a magnet?

_____

16. Give the use of part marked **J** in the diagram below.

_____

17. Why is a goat called a ruminant?

_____

18. How is a sun bird able to suck nectar from the base of a flower?

_____

19. By what process do plant roots absorb water and mineral salts from the soil?

_____

20. Which method of storing sound is illustrated below

d:m/r:_|l:sl d':ta|l:slr:_ mrl :d:_||

_____

21. Why is the filament of an electric bulb coiled?

_____

22. How is moulting useful to insects?

_____

23. Which part of the clinical thermometer performs a similar function as the valves?

_____

24. Write down one similarity between a spider and a tick.

_____

25. State one role of a health committee in a school.

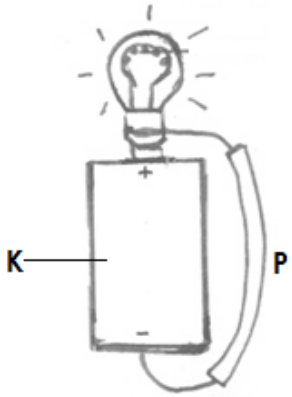
_____

Tel: 0783415073/ 0758299602

26. Give a reason why the use of solar is said to be friendly to the environment.

_____

Use the diagram below to answer questions 27 and 28



27. Name the form of energy stored in **K**

_____

28. Use arrows at P to show the flow of electricity.

29. Which term is used to describe the plants' response towards stimuli?

_____

30. How is the sun important in the water cycle?

_____

31. Apart from the skin, name one other sensory organ.

_____

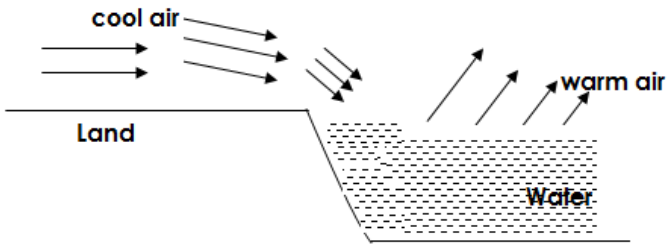
32. In which state of matter is water at 100^{o}C?

_____

33. Give one use of feathers to birds.

_____

34. Name the type of breeze shown below.



_____

35. State the use of the synovial fluid in a joint.

_____

36. Mention one example of a spore bearing plant.

_____

37. How can tick borne diseases be controlled on a farm without using chemicals?

_____

38. Mention the importance of following the doctors' prescription before taking a drug.

_____

Tel: 0783415073/ 0758299602

39. Give one way of giving First Aid to a victim with fever.

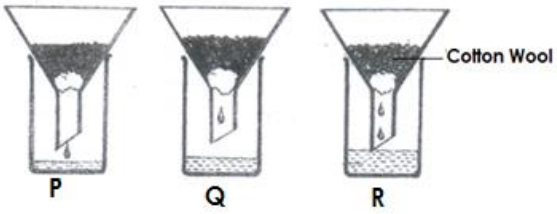
_____

40. In which way is silting dangerous to water animals?

_____

SECTION B (60 marks)

41. The diagram below shows an experiment done by P.5 pupils on soil. Study it carefully and answer questions that follow.



a) What was the above experiment about?

_____

b) Identify the type of soil marked in;

i) P_____ii) R_____

c) How useful is soil marked Q to a farmer?

_____

42. a) Why is it good to plant trees in our school compound?

_____

b) Why do some trees shed their leaves in the dry season?

_____

c) State one danger of cutting down trees.

_____

d) In which way do trees clean air?

_____

43. a) What happens to the volume of water when its frozen?

_____

b) In which units is weight measured?

_____

c) Why does a coin sink when thrown in a bucket full of water?

_____

Tel: 0783415073/ 0758299602

d) Besides a coin, name any other substance that behaves the same way when thrown in water.

_____

44. Match the following.

A	**B**
a) Thermal electricity	Batteries
b) Nuclear electricity	burning fuels
c) static electricity	rubbing insulators
d) Chemical electricity	hot springs
	Uranium

a) Thermal electricity_____

b) Nuclear electricity_____

c) static electricity _____

d) Chemical electricity_____

45. a) What danger is a school girl likely to get when she engages in early sex?

_____

b) Identify the STD which us caused by a fungus.

_____

c) Name the method of family planning which involves cutting and tying of sperm ducts.

_____

d) State one psychological change that occurs in adolescents.

_____

46. a) State two duties of a worker bee in a hive.

i) _____

ii) _____

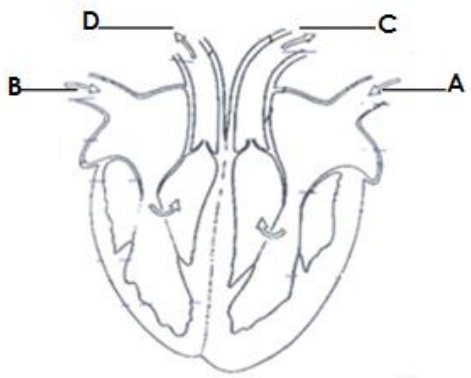
b) Write down two factors one should consider when selecting a suitable place for an apiary.

i) _____

ii) _____

Tel: 0783415073/ 0758299602

47. The diagram below is of a human heart. Use it to answer questions that follow



a) What is the function of valves in the heart?

_____

b) Give the difference between the blood which enters the heart through A and that through B.

_____

_____

c) After leaving the heart at C and D where does the blood go?

i) C_____

ii) D_____

48. A farmer used a garden for planting cassava crop only for three consecutive years. During the third year, the harvest (yield) reduced.

a) What term is used to mean the above farming practice?

_____

b) Suggest one reason for the drop in the yield / harvest.

_____

c) How can a farmer improve his cassava yield in the same garden without using fertilizers / manure?

_____

d) Mention any one type of manure.

_____

49. a) Give two things which can be used to put out petrol fire.

i) _____

ii) _____

Tel: 0783415073/ 0758299602

b) State two similarities between burning and rusting.

i) _____

ii) _____

50. a) Write down two types of cattle

i) _____ii)_____

b) Give two advantages of paddock system of grazing cattle.

i) _____

ii) _____

51. a) What is <u>seed dispersal</u>?

_____

_____

b) Mention two characteristics of seeds dispersed by animals

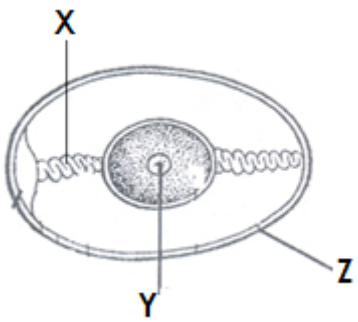
i) _____

ii) _____

c) In which one way is seed dispersal useful?

_____

52. <u>The diagram below is of an egg. Use it to answer questions that follow.</u>



a) Name part marked X.

_____

b) What does part Y develop into after fertilization?

_____

c) Name the class of food needed for strong formation of part Z.

_____

d) In what way is part Z adapted to gaseous exchange?

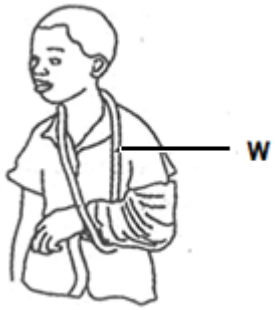
_____

Tel: 0783415073/ 0758299602

53. Complete the table below correctly:

	Vector	**Disease**	**Cause / Germ**
i)	_____	River blindness	Onchocerca Volvulus
ii)	Housefly	_____	Chlamydia
iii)	_____	Rabies	Virus
iv)	Culex mosquito	Elephantiasis	_____

54. The diagram below shows a person with an injury. Use it to answer questions that follow.



a) Name structure W.

_____

b) How useful is the structure W to the injured person?

_____

c) Write down two ways of caring for the skeletal muscular system.

i) _____

ii) _____

55. a) Write down two examples of renewable resource.

i) _____

ii) _____

b) How can nonrenewable resources be conserved.

_____

c) Suggest one reason why resources should be conserved.

_____

-END-

Tel: 0783415073/ 0758299602