

LITTLE MUHEJI SCHOOL

SET XXIII EXAMINATION 2020 PRIMARY SEVEN SCIENCE

NAME: _____

CLASS: _____ **STREAM:** _____

Topical: Energy resources

Section A

1. What is an energy resource?

2. Which energy resource is produced by using energy from running water?

3. How is wind used as energy resource on the day we wash clothes?

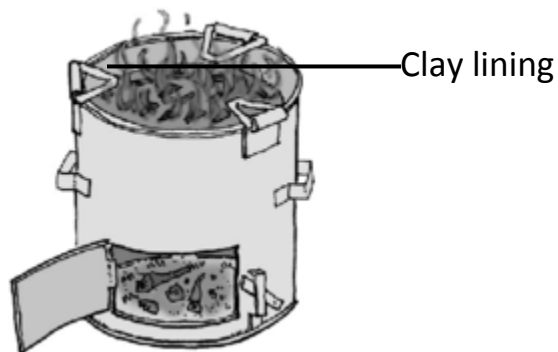
4. Which type of electricity is produced using fossil fuel?

5. Name the liquid fossil which is in a crude form.

6. What is formed when wood is burnt in limited supply of oxygen?

7. Name the gaseous energy resource that is obtained from animal waste

The diagram below is of a charcoal stove. Use it to answer the questions 8,9 and 10.



8. Why is the part of the charcoal stove made of clay?

9. What is the advantage of the above equipment to those who use it?

10. Which fuel is used in the stove above?

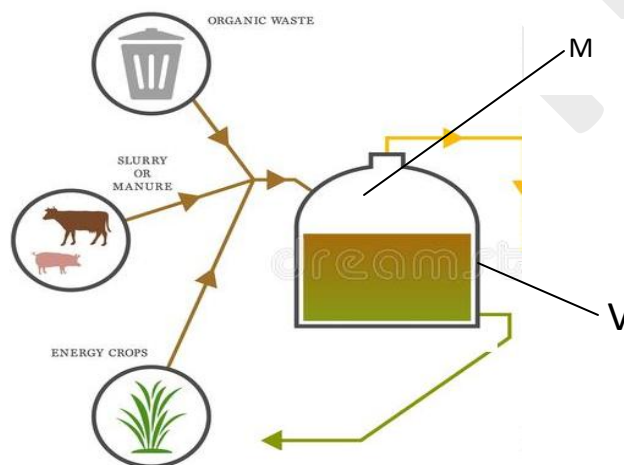
11. Give at least one example of a renewable energy resource replaced through reproduction.

12. State how energy resource like plants be used as energy resource.

13. State one way animals are used as energy resource.

14. Give any one characteristic of nonrenewable resources.

Study the diagram below and use it to answer the questions 15, 16, 17 and 18.



15. Name the container marked V?

16. Name the energy resource found in part marked M.

17. Name the process by which the energy resource marked M is formed.

18. Why is the use of the above energy resource better than using fire wood?

19. Give any one difference between crude oil and coal.

20. State the advantage of riding the bicycle over driving a vehicle in terms of friendliness to the environment.

21. In which way does the use of biogas conserve the environment?

22. Why does clay made charcoal stove use less charcoal than a metallic one?

23. Mention any one natural resource found under the ground

24. Give any one example of animal fibre in the environment.

25. State the difference between a resource and an energy resource.

26. How is cow dung used as an energy resource?

27. Apart from firewood, state any one other example of wood fuel.

28. Apart from generating electricity, state one other use of water as an energy resource.

29. Why are many industries in an area a threat to people living near them?

The diagram below shows one of the ways energy resources are harvested.



30. Identify the source of energy used in the diagram above

31. Why is part marked D painted black?

32. State any one advantage of using the above item in cooking food.

33. State one way painting of metals help to conserve resources.

34. Mention any one example of an energy resource found in the atmosphere.

35. Name the animal product used in making glue.

36. State one way solar energy can be converted into electricity.

37. Mention the source of solar energy.

38. State one way soil can be conserved.

39. How is uranium important as an energy resource?

40. What do we call the energy resource got from underlying hot rocks in the earth?

SECTION B

41a) Why is water called a renewable energy resource?

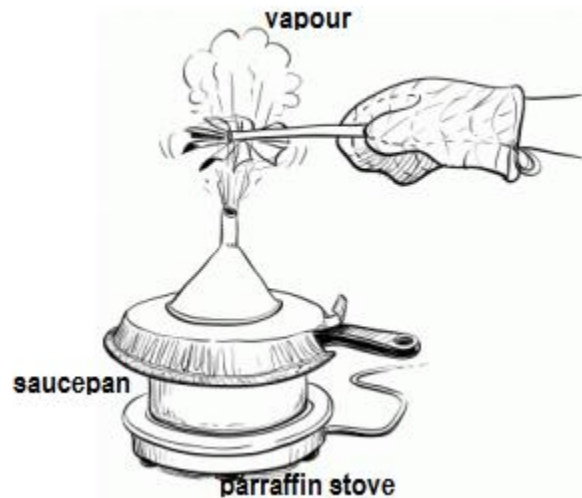
b) Name any two examples of non-renewable energy resources.

i) _____

ii) _____

c) Give one way non-renewable resources can be conserved.

42. The diagram below shows an experiment done by a P.7 pupils. Study it and use it to answer the questions that follow.



a) What energy resource does the experiment above show?

b) Give any two ways the energy resource mentioned in a) above is used by man.

c) Name any one fuel that can be used in the process above.

43) a) name any two products extracted from the fossils.

i) _____

ii) _____

b) Mention one method of extracting the products above from the fossils.

d) State any one way of conserving fossil fuels.

44) Mention any two energy resources got from.

a) Soil

i) _____

ii) _____

b) Animals

i) _____

ii) _____

45a) give any two reasons why energy resources in the environment should be conserved.

i) _____

ii) _____

b) Using alternative energy resources is one way of conserving energy resources. Identify any two environmental friendly alternatives for use of paraffin.

i) _____

ii) _____

46a) apart from fuels, state any two other products from petroleum.

b) State the form of energy required to separate the products from fossils.

c) Why is the form of energy mentioned in b) above able to separate the products?

47 lists A shows terms while list B shows their meaning as used in conserving the environment.

A

Recycling

Pollution

Re use

Biomass

B

variety of plant and animal matter.

using the material again and again

introducing harmful materials in environment

processing a waste into another product

Choose the correct meaning from the list B to fill the meaning below.

Recycling _____

Pollution _____

Re use _____

Biomass _____

48 study the lists below and use them to answer the questions that follow.

P	Q	R
Controlled harvesting Reforestation Using electricity for cooking	Mulching Practicing crop rotation Fallowing	Forming alloys Painting Recycling scraps

a) Name the resource conserved using practices marked P and R

i) P _____

ii) R _____

b) State any two ways plastics can be reused at home.

49a) Name any two examples of food stuffs which are preserved by sun drying.

b) Why is the solar drier made with:

i) black polythene inside?

ii) holes at the top and bottom sides?

50a) what is tidal energy?

b) Which type of electricity is produced from tides?

c) What cause tides?

d) Name the energy resource in which tides are formed.

51a) write down any four uses of sun as an energy resource.

52a) what is silting?

b) Give any one cause of silting.

c) Give any two dangers of silting.

53a) Mention any two products from forests.

b) State two ways forests can be conserved in the environment.

54 Complete the table below

Energy resource	Source of the energy resource
	Animal and plant waste
Solar energy	
	Fast flowing water
Petroleum	

55a) give any two disadvantages of using nonrenewable energy resources.

b) Give any two characteristics of nonrenewable energy resources.

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