

## CLASS EIGHT SCIENCE REVISION QUESTIONS

### ENVIRONMENT

1. Define the following terms

a) pollution

b) Pollutants

c) Soil conservation

d) Afforestation

e) Re forestation

f) Deforestation

g) Agro-forestry

2. Name **three** kinds of pollution

3. Name five ways of managing domestic waste

4. State two effects of soil pollution to plants

5. Name ten ways of managing industrial waste

6. Write down 5 methods of controlling soil erosion

7. If charcoal is not completely burnt down it produces a poisonous gas called.

8. What name is given to the chemical substance that destroys the ozone layer?

9. Which pollutant causes global warming when released in the atmosphere?

10. Write down three ways of conserving the soil

11. Polluted air affects animals mainly by causing....

12. Excess fertilizers and pesticides mainly pollute the soil by?

14. Which 2 gases lead to acid rain?.....and.....

15. Which 2 gases occupy at least 99.5% of the air in the atmosphere?

16A machine used to burn organic refuse at very high temperature is called?.....

17. Local authority manages domestic waste by.....and.....
18. What is the difference between organic and inorganic refuse?.....
19. Name four harmful substances emitted by burning plastics and polythene bag
20. State 5 ways of controlling air pollution

### **FOODS AND NUTRITION**

1. Name 3 special groups of people that require special diet
2. Infants are weaned at the age of..... Months
3. To maintain proper levels of amniotic fluid an expectant mother should take.....
4. The first yellow milk produced by a lactating mother is called?
5. Pregnant mothers are also called.....
6. Pregnant mothers crave for soil, why?.....
7. The role of fibre in the diet of HIV/AIDS infected people is?
8. Too much fats in an expectant mothers causes.....and.....
9. A breastfeeding mother is also called?
10. Substances contained in colostrums that boost the immunity of an infant are called?
11. Lack of iron in the diet causes.....
12. Fish gives a type of oil called.....
13. Method of preserving food in factories is called.....
- 14.....is required by the body to make haemoglobin
15. State 5 advantages of breast milk.....
16. State 4 harmful substances that pregnant mothers should avoid.....
17. What is food poisoning?.....
18. Name the agents of food poisoning.....
19. State 2 ways of preventing food poisoning.....
20. What is the importance of calcium in the diet of an expectant mother?.....

## ENERGY

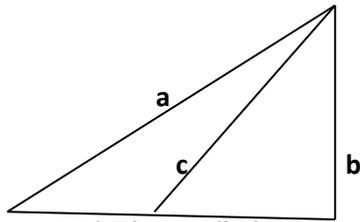
1. What is Energy?
2. List down 5 forms of energy
- 3.....energy is produced when things vibrate
- b) Sound energy travels best in..... and poorest in.....
- 4.....energy is produced when fuels burn
5. What is potential energy?
6. Energy possessed by moving bodies is called?
7. List three sources of Chemical energy
8. A stretched rubber band contains ..... energy
- B) Water in a dam has .....energy.
9. What is energy transformation?
10. Describe the energy transformation in
  - i. Simple circuit.....
    - i. Dynamo.....
    - ii. Burning fuel.....
    - iii. Hydro electric power station.....  
Simple electromagnet.....
- b) List three ways that can be used to **increase** the strength of an electromagnet
  - i. ....
  - ii. ....
  - iii. ....
11. State three ways energy can be used sparingly
12. The main reason for the clay lining in an improved jiko is.....
13. What are renewable sources of energy?.....
- b) List 5 examples of renewable sources.....
14. List examples of non renewable sources of energy.....
15. A solar heater changes ..... To ..... Energy

16. A solar panel changes..... To .....energy
17. What is the main reason why a solar heater is painted black?.....
18. What is the ratio of cow dung and water in a biogas digester?.
19. Planting trees and crops in at the same time is called?.....
20. The gases produced in a biogas digester are..... And.....

**MAKING WORK EASIER**

1. A device that makes work easier is called.....
2. State **three** ways in which machines make work easier.....
3. Machines which have a slope are called.....
4. List 6 examples of inclined planes.....
5. Give 3 examples of wedges.....

6.



The distance marked a is called.....

7. Distance b is called.....
8. John used slope a while peter used slope b to lift a load. Who used less effort?
- b) From the above question, who did more work.....
9. A winding road is an example of a.....
10. Inclined planes make work easier by?.....
11. A single fixed pulley makes work easier by?.....
12. In a single fixed pulley the distance moved by the load is equal to the distance moved by the effort (true/false)
13. A flag post is an example of a.....
14. Machines are not 100% efficient .This is because of.....
15. In a single fixed pulley the load and the effort move in opposite directions (true/false)