

Question bank

Chapter-1 Theme 1 Environmental changes

Q-1 Answer the questions.

1. Write the answer based on gully erosion.
 - a) Which part of Nigeria is most at risk from gully erosion?
 - b) Name two natural factors that make this area more vulnerable to gully erosion.
 - c) List four ways in which gully erosion affects communities. Also give an example of each of these effects.
2. Why do you think people in Lagos built houses and other buildings on land reclaimed from the sea?
3. Give an example of projects by
 - (a) community organisations
 - (b) the government to control the effects of desertification.
4. Why do you think the government project to control desertification is named the "Great Green Wall"? Do some research to find out more about this project.

Q-2 Answer the following questions.

1. Name four human activities that cause air pollution.
2. Write a paragraph to explain why global warming is happening.
3. How does the consumption of less electricity reduce air pollution?
4. Which diseases can air pollution cause in humans?

Q-3 Write the answers.

1. Name four sources of water that are polluted by chemical run-off from factories.
2. What should you do when you see water pollution happening in your community?
3. How does oil pollution impact on sea animals and birds?
4. Write a paragraph to explain how you could prevent water pollution at home.

Chapter-2 Theme 1 Waste and waste disposal

Q-1 Complete your table.

Picture	What the picture shows about the causes and effects of improper waste disposal	What could be done to prevent these effects of improper waste disposal
A	Bad smell – from solid waste dumped next to the road	Put refuse in refuse bins for refuse trucks to take to proper landfill sites
B		
C		
D		
E		
F		
G		

Chapter-3 Theme 1 Environmental quality

Q-1 Create and complete a table.:

Causes of unhealthy environments	Human actions contributing to these causes	What can be done to prevent such damage

1. Use the table headings below. Add extra rows for more examples.
2. In the first column, fill in different examples of the causes of unhealthy environments.
3. In the second column, fill in how human actions contribute to each of these examples.
4. In the third column, suggest what could be done to prevent such damage.

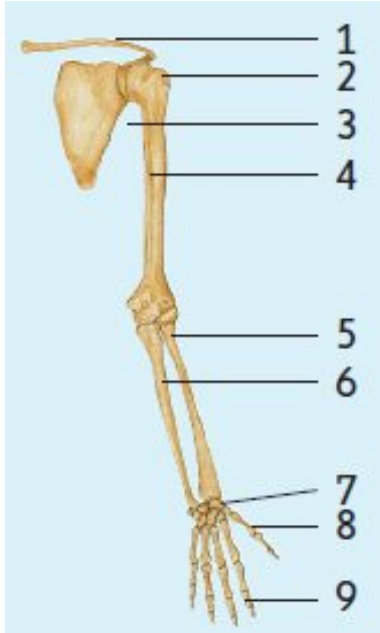
Chapter-4 Theme 2 The human body: the skeleton

Q-1 Give one word or term for each of the following statements.

- a) The five fused vertebrae at the lower end of the vertebral column.
- b) The patella of the knee is an example of this type of bone.

- c) The type of joint that allows movement in one plane only.
- d) The tissue that connects bone to bone.
- e) The tissue that connects bone to muscles.

Q-2 Study the diagram of the bones in the upper limbs and answer the questions.



- a) Identify the parts numbered 1 to 9.
- b) Give two examples each of:
 - i) long bones ii) short bones
 - iii) flat bones iv) irregular bones.

Chapter-5 Theme 2 Reproduction in plants

Q-1 What happens to each of the following after fertilisation?

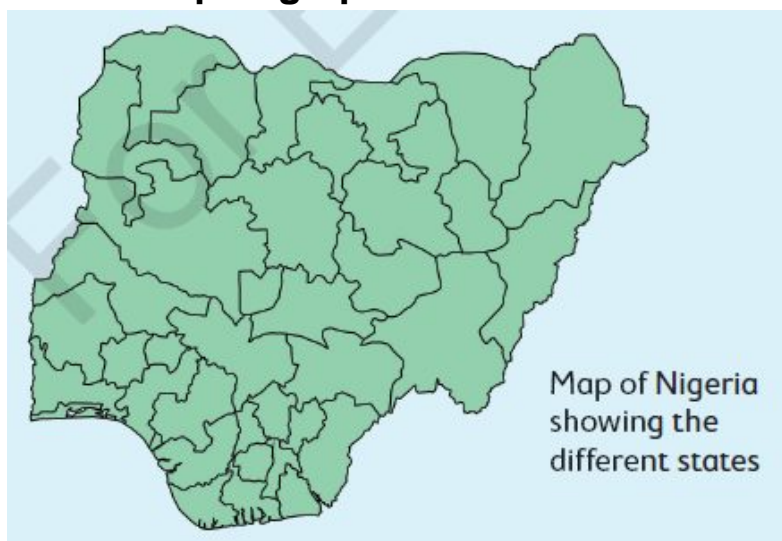
1. Petals
2. Stamens
3. Zygote
4. Ovule
5. Ovary
6. Integument of the ovule

Q-2 Explain how the various types of fruits are dispersed by the mother plant.

Picture	Fruit	Agent of dispersal
1	Apricot 	
2	Dandelion 	
3	Coconut 	
4	Strawberry or any plant with berries 	
5	Pine tree seeds 	

Chapter-6 Theme 2 Rocks

Q-1 Show the location of all the major landmark rocks in Nigeria, mentioned in the paragraphs above.



Chapter-7 Theme 2 Acids and bases

Q-1 Answer the following questions.

1. List the basic ingredients used to make African black soap.
2. Explain the benefits of using these ingredients.

Q-2 Study the table of different liquids below. The pH of each liquid is also indicated.

Liquid	pH
Milk of Magnesia	10
Black coffee	5
Gastric acid	1
Soapy water	12
Tomato juice	4

1. State in each case if the liquid is an acid or a base. Also mention if the acid/base is strong or weak.
2. What will the colour of blue litmus be for each of the liquids listed in the table?
3. What will the colour of red litmus be for each of the liquids listed in the table?

Chapter-8 Theme 2 Materials and maintenance

Q-1 Look at the picture above and see how many different things can be made from plastic.



1. Look at the picture above and see how many different things can be made from plastic.

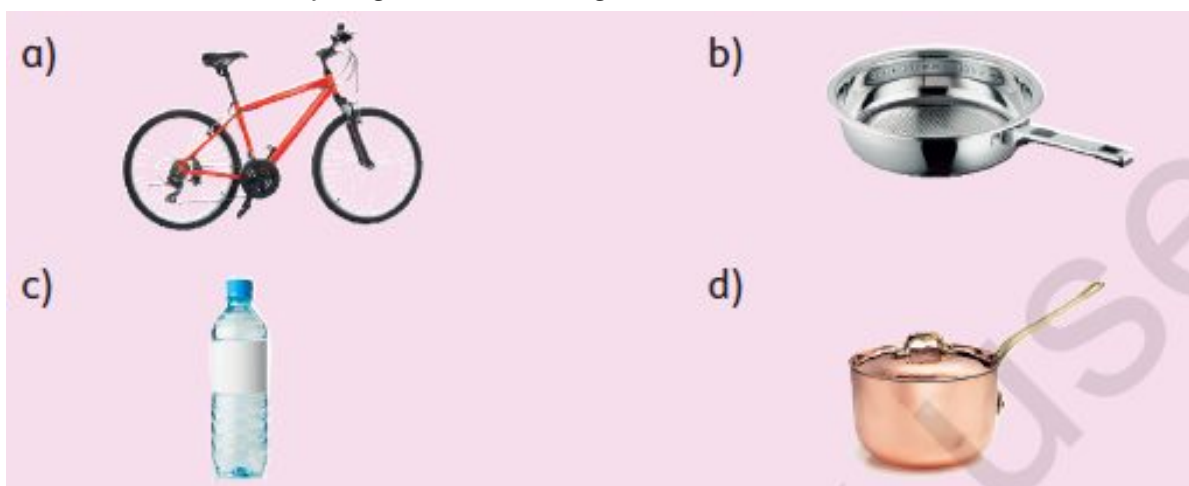
Q-2 **Now look at this picture and identify all the objects that could be made of plastic.**



Q-3 **What do you think could be a problem with producing so much plastic?**

Q-4 **Answer these questions.**

1. Which are the most common materials? List four.
2. Look at the pictures and give one reason why the article or object has been made from that particular material.
3. What are plastics made from?
4. Explain what is meant by organic and inorganic material.



Chapter-12 Theme 3 Heat and temperature

Q-1 Answer the following questions.

1. Write one definition of heat and one of temperature to explain the difference between them.
2. Name the three processes through which heat energy can be transferred and give an example of each.
3. Which instrument would you use to measure:
a) heat b) temperature?

Q-2 Write the answers.

1. What thermometer or instrument would you use to:
a) measure the temperature of meat to see if it is cooked
b) measure the temperature of the air inside and outside your house
c) measure the temperature of water in a glass
d) find a survivor after an earthquake?
2. Why would it be safer and easier to use a temperature label on a sick baby instead of a traditional glass thermometer?

Chapter-13 Theme 3 Basic electricity

Q-1 Look at the picture of the electric kettle and answer the questions.



1. What is the purpose of the black cord in this picture?
2. What materials is the kettle made of?
3. Why were these materials used?

Chapter-15 Theme 3 Creating rhythmic activities and measuring physical fitness

Q-1 Answer the following.

1. Write down four important things to remember when doing the 50 m dash.
2. Which two safety rules you think are the most important? Write why.
3. Run the 50 m dash and ask your teacher to time you with the stopwatch. Do this every week and see if your times improve.

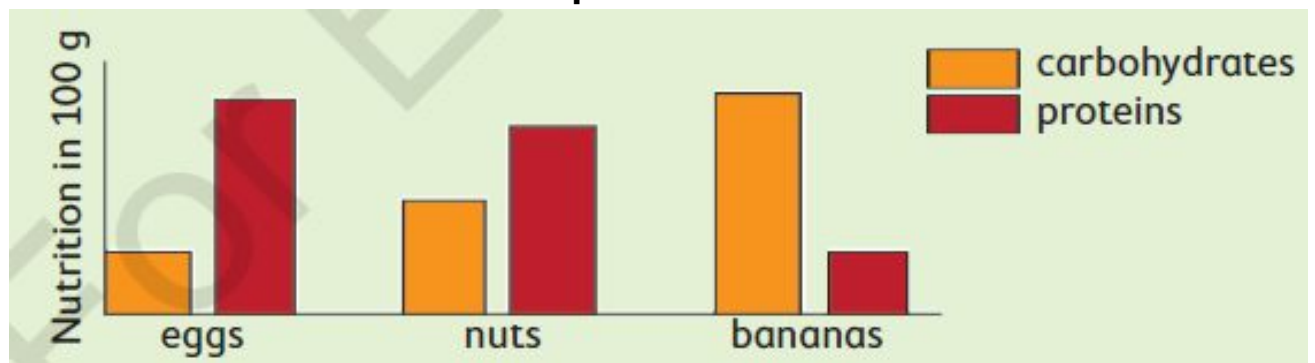
Chapter-17 Theme 3 Ball games

Q-1 Fill in the name of the sport that uses the listed skills.

	Skills					Which sport?
1.	chest pass	bounce pass	dribble	shoot	jump shoot	
2.	kick	dribble	trap	head	save	
3.	serve	follow through	drive	forehand stroke	backhand stroke	
4.	set	volley	block	spike	dig	

Chapter-18 Theme 3 Nutrition

Q-1 Study the following column graph, which indicates the amount of carbohydrates and proteins that is present in a 100 g portion of eggs, nuts and bananas. Answer the questions that follow:



1. To prevent kwashiorkor, which food type would you prescribe in the diet of:
a) an athlete b) a growing child?
2. Which food type also contains the carbohydrate cellulose?

3. What is the function of cellulose in the diet of a child?

Q-2 Answer the following questions.

1. Explain, in just a few lines, the difference between kwashiorkor and marasmus.
2. What are the main differences in the symptoms of these two deficiency conditions?
3. Compare the way in which the two diseases are treated.
4. Who is most at risk of developing these conditions, and why?

Q-3 Complete the following table by filling in the important facts about each of these deficiencies.

	Rickets	Scurvy	Pellagra
Affects which part(s) of the body?			
A deficiency of what in the body?			
Can be prevented by what?			
Symptoms?			
Signs?			

Chapter-19 Theme 3 Diseases

Q-1 Answer the following questions.

1. Night blindness is caused by a shortage of vitamin A in the diet. This disease makes it impossible to see in dim light, and sufferers become completely blind when night falls.
2. Beriberi is a deficiency of vitamin B1, which is found in cereal grain husks. The disease causes weight loss, body weakness and pain, brain damage, irregular heart rate, heart failure, and death if left untreated.
3. Marasmus can occur in anyone who has severe malnutrition, but it usually occurs in children. Children with this condition have lost a lot of muscle mass and subcutaneous fat. Seriously malnourished children may look older and have little to no energy or enthusiasm for anything. Marasmus can also make children short-tempered and irritable. In children with marasmus, the following can also occur:
 - chronic diarrhoea, respiratory infections
 - intellectual disability, stunted growth.

4. Use the table to distinguish between the symptoms and the signs of the disease.

Deficiency	Cause	Symptoms	Signs
Night blindness			
Beriberi			
Marasmus			

Chapter-20 Theme 3 Drug education

Q-1 **Answer the questions.**

1. List reasons why people drink or smoke.
2. Compare the effects of alcohol and smoking on the human body.
3. Give examples of the effects of alcohol and tobacco addiction on:
a) individuals b) families c) society.

Q-2 **Write a short report about herbal medicine.**

2. Do you think all Nigerians are able to get safe herbal or other medicines if they need them? Why or why not?
3. Which herbal medicines do you use in your own family? For which illnesses are they used? How well do they work?
4. What does it mean when medicine is approved by NAFDAC?

Use the information that you and your partner collected in the activity above to write a short report on herbal medicine in Nigeria. In your report, include the following:

- a definition of herbal medicine, with appropriate examples
- examples of NAFDAC registered/listed herbal medicines, and other herbal medicines
- an explanation of how you can ensure that any herbal medicine you take is safe to use.

Chapter-23 Theme 4 Internet 1

Q-1 **Match the concepts in the first column with the explanations in the second column.**

Concepts	Explanations
1. cyberbullying	A. Online-related, compulsive behaviour, which interferes with normal living and causes severe problems
2. identity theft	B. Posting nasty comments about another person and always responding in a mean way to anything they say or do online
3. internet addiction	C. Using the internet to deceive someone and take money from them in an illegal way
4. internet fraud	D. Use of online communication to threaten, scare or hurt a person
5. trolling	E. Stealing someone's name, image or information to carry out actions as if done by them