



परमाणु ऊर्जा शिक्षण संस्था
Atomic Energy Education Society
Worksheet (2025-26)

कक्षा /Class: VII

विषय /Subject: ENGLISH

अंक/Marks: 40

दिया गया पाठ्य/CHAPTER COVERED: My Brother's Great Invention

SECTION-A

1. Read the passage and answer the questions as instructed.

Agriculture, the backbone of most economies in the world, is the art and science of cultivating soil, growing crops, and raising livestock. It plays a crucial role in providing food, raw materials, and employment to millions of people. From ancient times, humans have depended on agriculture not only for sustenance but also for the development of civilizations. The earliest agricultural practices involved the domestication of plants and animals, which led to permanent settlements and the rise of communities.

Over centuries, agriculture has evolved significantly. In the past, farming relied heavily on manual labor and simple tools. However, with technological advancements, modern agriculture now includes the use of tractors, irrigation systems, fertilizers, and genetically improved seeds. These developments have increased crop yields and reduced the time and effort required to cultivate land.

Despite these advancements, agriculture faces several challenges. Climate change is perhaps the most pressing, as it alters rainfall patterns, increases the frequency of droughts, and leads to unpredictable weather conditions. Soil degradation due to over-farming, deforestation, and excessive use of chemicals also threatens sustainable

farming. Furthermore, pests and diseases can destroy entire crops if not managed properly.

Sustainable agriculture has emerged as a solution to many of these problems. It focuses on farming methods that protect the environment, conserve resources, and ensure long-term productivity. Practices such as crop rotation, organic farming, integrated pest management, and water conservation are central to sustainable farming. These not only improve soil health but also reduce the reliance on chemical fertilizers and pesticides.

In many parts of the world, small-scale farmers form the majority of the agricultural community. Supporting them through fair trade policies, access to credit, and modern farming knowledge can boost rural economies and enhance food security. Education and training in agricultural techniques empower farmers to adapt to changing environmental and market conditions.

Agriculture is more than just producing food — it is deeply connected to culture, traditions, and social values. Festivals in many countries are linked to harvest seasons, reflecting the significance of farming in daily life. In the future, combining traditional wisdom with modern science may hold the key to a more resilient and productive agricultural system. As the world's population continues to grow, agriculture will remain a vital pillar for human survival and progress.

A. Multiple Choice Questions.

(1x4=4 marks)

1. Which of the following is NOT mentioned as a challenge for agriculture?
 - a) Climate change
 - b) Soil degradation
 - c) Urbanization
 - d) Pests and diseases

2. What is the main focus of sustainable agriculture?
 - a) Maximizing immediate profit
 - b) Protecting the environment and conserving resources

- c) Increasing chemical fertilizer use
 - d) Relying only on modern technology
3. The earliest agricultural practices led to:
- a) Nomadic lifestyles
 - b) Permanent settlements
 - c) Desertification
 - d) Industrial farming
4. Which of the following is a sustainable farming practice mentioned in the passage?
- a) Over-farming
 - b) Deforestation
 - c) Crop rotation
 - d) Intensive pesticide use

B Answer the following questions in 30-40 words. (2×3 = 6 marks)

5. Mention two technological advancements that have improved modern agriculture.
6. How does agriculture connect to culture and traditions?
7. Suggest two ways small-scale farmers can be supported according to the passage.

SECTION-B

8. Your school is organizing a seminar on "Sustainable Farming Practices" for students of classes 6–8. Write a notice for the school notice board informing students about the date, time, and venue of the event. (3)

9. Write a diary entry expressing your thoughts after visiting a nearby village and learning about the life of farmers. (3)

10. Write a paragraph on your favourite vocation and why you would like to pursue it. (4)

SECTION-C

11. Do As Directed.

(1x8=8 marks)

- i. Combine: 'rain' + 'coat'
- ii. Combine: 'sun' + 'flower'
- iii. Add a suitable suffix to form a noun from 'develop'.
- iv. Add a suitable suffix to form an adjective from 'hope'.
- v. Rearrange: 'market / went / we / to / the'.
- vi. Rearrange: 'homework / doing / is / she / her'.
- vii. He _____ (finish) his work before lunch. (Use past perfect)
- viii. They _____ (play) football now. (Use present continuous)

SECTION-D

12. Answer the following questions in 30-40 words.

(2*3=6 marks)

- i. What inspired the narrator's brother to create his invention?
- ii. Describe one challenge faced during the making of the invention.
- iii. How did the invention benefit the family or community?

13. The story, My Brother's Great Invention, shows the importance of creativity and determination. Discuss how these qualities can help students in their studies and life.

(4)
