



INDIAN SCHOOL AL WADI AL KABIR

Class: XII	Department: Commerce
Worksheet: 1	Topic: ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

1. Which of the following statements is true about global warming?
 - a. Global warming has led to large scale deforestation
 - b. Global warming has led to a rise in the sea levels
 - c. Global warming has led to a rapid increase in the population across several countries
 - d. Global warming has led to a huge amount of waste generation
2. Which of the following was the main purpose behind setting up the Central Pollution Control Board (CPCB)?
 - a. The main purpose of the Central Pollution Control Board was to regulate air pollution
 - b. The main purpose of the Central Pollution Control Board was to regulate water pollution
 - c. The main purpose of the Central Pollution Control Board was to regulate noise pollution
 - d. The main purpose of the Central Pollution Control Board was to regulate deforestation
3. In which year did the word 'sustainable development' come into existence?
 - a. 1992
 - b. 1978
 - c. 1980
 - d. 1987
4. In which year was the United Nations Commission on Sustainable Development (CSD) started by the UN General Assembly?
 - a. 1995
 - b. 1994
 - c. 1993
 - d. 1992
5. Sustainable development is related to:
 - a. Rural development.
 - b. Urban development.
 - c. Human development
 - d. Environment.
6. The main reason for the soil erosion is:
 - a. Ozone depletion.
 - b. Air pollution.
 - c. Deforestation.
 - d. None of the above.

7. Sustainable development can be achieved by:
- Reducing the use of renewable resources.
 - By controlling high population growth.
 - Controlling pollution.
 - All of the above.
8. Ozone depletion means:
- Depletion of hydrosphere.
 - Destruction of the ozone layer.
 - Destruction of fauna.
 - None of the above.
9. Which of the following is not used as a strategy for sustainable development?
- Use of biogas
 - Use of hydel power
 - Use of solar power
 - Use of thermal power
10. Non-renewable resources are those resources which
- Are renewed continuously
 - Are not exhausted after use
 - Are exhausted after use
 - Have unlimited supply
11. Name one tree which can act naturally as a pest control and replace chemical pesticides.
- Banyan tree.
 - Apple tree
 - Coconut tree
 - Neem tree
12. What is the full-form of UNCED?
- The United Nations Conference on Environment and Development.
 - The United Nations International Children's Emergency Fund.
 - The United Nations Educational, Scientific and Cultural Organization
 - The United Nations

Read the passage given below and answer the following question:

The concept of sustainable development does not suggest delimiting the process of growth and development. Sustainable development only suggests a judicious or optimum utilisation of resources and in a manner such that the pace of economic growth is sustained without challenging the ability of the future generations to grow and prosper.

(Source: NCERT)

- (a). Statement 1 –Sustainable development means using the resources wisely.
Statement 2 –Sustainable development indicates optimum use of resources.
- Both the statements are true.
 - Both the statements are false.
 - Statement 1 is true and Statement 2 is false
 - Statement 2 is true and Statement 1 is false

Assertion Reasoning Questions:

Read the following statements: Assertion (A) and Reason (R). Choose one of the correct alternatives given below:

Alternatives:

- a) Both Assertion and Reason are true and Reason (R) is the correct explanation of Assertion (A).
- b) Both Assertion and Reason are true and Reason (R) is not the correct explanation of Assertion (A)
- c) Assertion (A) is True but Reason (R) is False
- d) Assertion (A) is False but Reason (R) is True

1. **Assertion (A):** In India land suffers from different types of land degradation
Reason (R): There are proper methods available in the country to check land degradation.
2. **Assertion (A):** The environmental degradation in India points to a paradoxical situation in the country.
Reason (R): It is occurring and expanding owing to its staggering poverty as well as rapid growth of production activity.
3. **Assertion (A):** In case of 'Sustainable Development', meeting the needs of all are required.
Reason(R): It requires redistributing resources and hence a moral issue.
4. **Assertion (A):** The opportunity cost of negative environmental impacts are low.
Reason(R): It leads to increase in financial commitments for the government.

CASE STUDY-1:

Read the following hypothetical text and answer the given questions:

Sustainable development is the synonymous in the minds of many with the colour green and for good reasons. Twenty years ago, at the First Earth Summit at Rio de Janeiro, in Brazil, world leaders set out what today is conventional wisdom: SOCIAL AND ECONOMIC HUMAN PROGRESS - cannot be divorced from environmental protection unless both are advanced together, both will flounder together.

Sustainable development is as much about health, education and jobs, as it is about the ecosystems. It is about ever widening inclusion and movement away from decisions that erode democratic space and do not address social inequality, intolerance, and violence.

Sustainable Development is about changes that transform impoverished people, communities, and countries into informed, educated healthy and productive societies. It is about wealth creation that generates equality and opportunity it is also about Sustainable Development is about consumption and production patterns that respect planetary boundaries; increasing tolerance and respect for human rights at all levels. Building on human development legacy that oriented with Economists like Amartya Sen and MahbubUIHaq and was captured by the first Human Development Report in 1990. United Nations Development Programme (UNDP) has long promoted alternative approaches to measure human progress, along with the Human Development Index (HDI). Today, we are building on this legacy by exploring how to adjust the index to reflect environmental sustainability, so that governments and citizens might better track real progress towards truly sustainable development. This must be our collective objective.

1. Which of the following is not one of the ways to attain the goal of sustainable development?
 - a) Use of cleaner fuels
 - b) Use of traditional knowledge and practices

- c) Spreading awareness
- d) Sticking to methods to promote inequalities.

2. State whether the given statement is true or false:

As per the UNDP Report education and health are the broader issues of human development.

3. Sustainable development and economic growth are _____ (directly/indirectly) related.

4. Read the following statements - Assertion (A) and Reason (R)

Assertion (A): Sustainable Development is about changes that transform impoverished people, communities, and countries into informed, educated, healthy and productive societies.

Reason (R): Sustainable Development advocates about wealth creation that generates Socio-economic equality and opportunity.

Select the correct alternative from the following:

- a) Both Assertion (A) and Reason (R) are true.
- b) Both Assertion (A) and Reason (R) are false

A:

Q-1 Sticking to methods to promote inequalities.

Q-2 True

Q-3 Directly

Q-4 a) Both Assertion (A) and Reason (R) are true