

## CHAPTER –9-SUSTAINABLE ECONOMIC DEVELOPMENT

### ASSERTION- REASON QUESTIONS

- Sl.No. Question
- 1 Assertion: The use of CFC is banned throughout the world.  
Reason: CFC is the main reason for Ozone depletion.
- (A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and Reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 2 Assertion: In India land suffers from different types of land degradation  
Reason: There are proper methods available in the country to check land degradation.
- (A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and Reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 3 Assertion: Affluence in living standards is causing land degradation.  
Reason: Increase in wealth increases the demand for goods and services.
- (A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and Reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 4 Assertion: One of the main cause of air pollution is vehicular pollution.  
Reason: The government should encourage the production of electric vehicles.
- (A) Both Assertion and reason are true and

- reason is correct explanation of assertion.
- (B) Assertion and Reason both are true but reason is not the correct explanation of assertion.
- (C) Assertion is true, reason is false.
- (D) Assertion is false, reason is true.
- 5 Assertion: Some resources have become extinct.  
Reason: Due to their extraction which is above the rate of regeneration.
- (A) Both Assertion and reason are true and reason is correct explanation of assertion.
- (B) Assertion and Reason both are true but reason is not the correct explanation of assertion.
- (C) Assertion is true, reason is false.
- (D) Assertion is false, reason is true.
- 6 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.
- (A) Both Assertion and reason are true and reason is the correct explanation of assertion.
- (B) Assertion and reason both are true but reason is not the correct explanation of assertion.
- (C) Assertion is true, reason is false.
- (D) Assertion is false, reason is true.
- 7 Assertion : Most of the energy needs of India are met through thermal and hydro power plants.  
Reason: India is endowed with abundant sunlight which is a rich source of energy.
- (A) Both Assertion and reason are true and reason is the correct explanation of assertion.
- (B) Assertion and reason both are true but reason is not the correct explanation of assertion.
- (C) Assertion is true, reason is false.
- (D) Assertion is false, reason is true.
- 8 Assertion (A): Global Warming is a gradual but consistent increase in global temperature.  
Reason (R): Warming temperature is escalating the melt of polar ice, in turn, implying a rise in sea level.
- (A) Both Assertion and reason are true and reason is the correct explanation of assertion.
- (B) Assertion and reason both are true but reason is not the correct explanation of assertion.
- (C) Assertion is true, reason is false.
- (D) Assertion is false, reason is true.
- 9 Assertion (A): ozone depletion refers to reduction in ozone, a protective layer in the atmosphere.

Reason (R): This occurs owing to the excessive use of cooling substances in air conditioners and refrigerators.

- (A) Both Assertion and reason are true and reason is the correct explanation of assertion.
- (B) Assertion and reason both are true but reason is not the correct explanation of assertion.
- (C) Assertion is true, reason is false.
- (D) Assertion is false, reason is true.

- 10      Assertion: Non- renewable resources are scarce in nature.  
Reason: Non-renewable resources can be replenished over a period of time.  
(A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 11      Assertion: A country is extremely rich in natural resources has mainly relied on oil extraction for revenue generation for several countries. However, the scientist predict that the country may become poor in the future if other means for generating income are not devised.  
Reason: Oil is a non-renewable resource, and it is likely to get exhausted if not used judiciously.  
(A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 12      Assertion: Sustainable development is a development that meets the basic needs of all, particularly the poor majority, for employment, food, energy, water, housing, and ensures growth of agriculture, manufacturing, power and services to meet these needs.  
Reason: Development to enhance our current living styles, without concern for posterity, will deplete resources and degrade environment  
(A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 13      Assertion: Land in India suffers from varying degrees and types of degradation stemming mainly from unstable use and inappropriate management practices.  
Reason: Indiscriminate use of agro-chemicals such as fertilisers and pesticides  
(A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 14      Assertion: The rising population of the developing countries and the affluent consumption and production standards of the developed world have placed a huge stress on the environment.  
Reason: Many resources have become extinct and the wastes generated are beyond the absorptive capacity of the environment  
(A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.

- 15            Assertion: Indian Govt is investing a lot in generating Solar Energy.  
Reason: Solar energy is a clean form of energy and causes minimum harm to the environment.  
(A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 16            Assertion: Investors are reluctant to invest in tidal energy projects  
Reason: Tidal energy has high cost and low running cost. As a result , a tidal power scheme may not give returns for years.  
(A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 17            Assertion: With the advent of Green revolution the country entered in to the use of chemical pesticides to produce more which led to adverse impact on the environment.  
Reason: To meet this challenge better means of pest control should be adopted.  
(A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 18            Assertion: The shift from traditional practice to now a days modern practices have caused large scale damage to our environment.  
Reason: Traditionally Indian people have been close to their environment. But in recent years we have been moving away from these Practices.  
(A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true.
- 19            **Assertion (A):**Promotion of natural resources, conservation, preserving regenerative capacity of ecological system, reducing environmental degradation, and avoiding the imposition of environmental risks on future generations would lead to sustainable development.  
**Reason (R):**Sustainable development meets the basic needs of all particularly the poor majority. For employment, food, energy, water, housing and ensures growth of agriculture, manufacturing, power and services to meet these needs.  
(A) Both Assertion (A) and Reason (R) are true, and Reason (R) is the correct explanation of Assertion (A).  
(B) Both Assertion (A) and Reason(R) 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
- 20            **Assertion (A):**Supply demand reversal of environmental resources is a major global

environmental issue. It refers to a situation of environmental crisis where demand of environmental resources is much more than their supply.

**Reason (R):** Prior to industrialisation, urbanization and phenomenal increase in population, the rate of resource extraction was less than the rate of regeneration of environmental resources. After industrialization and increase in population, there is heavy pressure on the absorptive capacity of the environment.

(A) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).

(B) Both Assertion (A) and Reason (R) 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.

21 **Assertion (A):** Industrial and household waste should be managed in a safe manner. We should aim to reduce, reuse and recycle it, causing no harm to the environment.

**Reason (R):** Sustainable development meets the need of the present generation without compromising the ability of the future generations to meet their own needs.

(A) Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).

(B) Both Assertion (A) and Reason (R) 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.

22 **Assertion (A):** Fast growing population should be effectively checked especially in a developing country like India.

**Reason (R):** Sustainable development meets the need of the present generation without compromising the ability of the future generations to meet their own needs.

A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).

B. Both Assertion (A) and Reason (R) 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.

- 23 **Assertion (A):**Global warming is caused by a rise in the level of Green house gases.  
**Reason (R):**Environment provides resources of production.
- A) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).  
B) Both Assertion(A)andReason(R)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.
- 24 **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.
- (A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true
25. **Assertion(A):**Soils should be protected from direct onslaught of rains.  
**Reason(R):** Broad-leaved trees help to protect soil from soil erosion.
- (A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true
26. **Assertion (A):** The opportunity cost of negative environmental impacts are low.  
**Reason(R):** It leads to increase in financial commitments for the government.
- (A) Both Assertion and reason are true and reason is correct explanation of assertion.  
(B) Assertion and reason both are true but reason is not the correct explanation of assertion.  
(C) Assertion is true, reason is false.  
(D) Assertion is false, reason is true

## ANSWER

Q.No.	Answer
1	A
2	C
3	A
4	A
5	A
6	A) Both (A) and (R) are True and (R) is the correct explanation of (A)
7	(B) Assertion and reason both are true but reason is not the correct explanation of assertion
8	(D) Both (A) and (R) are True but (R) is not the correct explanation of (A)
9	(A) Both Assertion and reason are true and reason is the correct explanation of assertion.
10	(C) Assertion is true, reason is false.
11	(A) Both Assertion and reason are true and reason is correct explanation of assertion.
12	(B) Assertion and reason both are true but reason is not the correct explanation of assertion.
13	(A) Both Assertion and reason are true and reason is correct explanation of assertion.
14	(A) Both Assertion and reason are true and reason is correct explanation of assertion.
15	Option (A) is correct
16	Option (A) is correct
17	Option (A) is correct
18	Option (A) is correct
19	(B)
20	(A)
21	(A)
22	(A)
23	(B)
24	A. Both Assertion and reason are true and reason is correct explanation of assertion
25	B. Assertion and reason both are true but reason is not the correct explanation of assertion
26	D. Assertion is false, reason is true

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