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# UPSC CSE 2025 GS Paper-II (Questions and Explanation)

## Directions for the following 4 (four) items:

Read the following two passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.

### Passage - 1

In our country, regrettably, teaching and learning for the examination have been our forte but the new demands of society and the future of work require critical and independent thinking, learning through doing, asking questions from multiple disciplinary perspectives on the same issue, using evidence for building arguments, and reflecting and articulation. Higher education should not "either be a mere servant of the government policy or a passive respondent to public mood." Higher learning is all about how to think rather than what to think. Teaching has to be re-invented.

#### 1. Which one of the following statements best reflects the central idea conveyed by the passage?

- (a) India does not have enough resources for promoting quality education in its universities.
- (b) The institutions of higher learning in the country should not be under the control of the Government.
- (c) Classroom approach to higher education should be done away with.
- (d) Classroom needs to be reimagined and teaching needs to be re-invented.

Ans: (d)

**Option (a) is incorrect:** The passage does not discuss resource availability or funding issues for higher education.

**Option (b) is incorrect:** The passage mentions that higher education should not be a mere servant of government policy or public mood, but it does not explicitly call for removal of government control.

**Option (c) is incorrect:** The passage does not advocate for eliminating classroom approaches but suggests reimagining the classroom and reinventing teaching methods.

**Option (d) is correct:** The passage emphasizes the need for **critical and independent thinking, learning by doing, and teaching to be reinvented**, suggesting a reimagined classroom and innovative teaching.

#### 2. With reference to the above passage, the following assumptions have been made:

- I. Higher education is a constantly evolving subject that needs to align towards new developments in all spheres of society.
- II. In our country, sufficient funds are not allocated for promoting higher education.

## Which of the above assumptions is/are valid?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

Ans: (a)

**Assumption I is correct:** The passage implies that higher education must evolve and adapt to **new societal demands and future work requirements**, which aligns with this assumption.

**Assumption II is incorrect:** The passage does not mention funding or financial allocation issues. Therefore, assuming a lack of funds is unsupported.

### Passage - 2

If there is inequality in the pattern of population growth, there is greater inequality in food production and utilization. As societies become wealthier, their consumption of animal products increases. This means that a greater proportion of such basic foodstuff as grains and legumes that could feed humans directly is instead being converted into feed for poultry and large farm animals. Yet this conversion of plant-based food into animal food for humans is far from efficient. Only 16% of the calories fed to chickens are recovered by us when we eat them. This conversion rate goes down to five to seven per cent in large animals that are fed grain to add fat and some protein before slaughter.

#### 3. Which one of the following statements best reflects the crux of the passage?

- (a) There is an urgent need for a public policy to promote the consumption of cereal-based foods in wealthier societies.
- (b) Animal-based food is far less efficient than grain/plant-based food in terms of production and utilization.
- (c) Plant-based protein should replace the animal-based protein in our daily diets.
- (d) Inequality in food production and consumption is inevitable in any fast changing society.

Ans: (b)

**Option (a) is incorrect:** Although the passage points out inefficiencies, it does not explicitly call for public policy to promote cereal-based food consumption in wealthier societies.

**Option (b) is correct:** The passage **clearly shows that animal-based food production is less efficient than directly consuming grain/plant-based foods**, supporting this statement as the central idea.

**Option (c) is incorrect:** The passage discusses efficiency but does not explicitly advocate for replacing animal protein with plant protein in diets.

**Option (d) is incorrect:** While inequality is mentioned, the passage does not suggest it is inevitable or focus on this as the main idea.











**Ans: (d)**

From statement I, we have  $B > C < D > E$

So, we cannot define a particular relation between B and E

So, statement I is not correct.

From statement II, we have  $S = T \leq U = V$

We can write it as

$S = T < U = V$  or  $S = T = U = V$

So,  $S \leq V$

So, statement II is not correct.

### 30. What is the unit digit in the multiplication of

$1 \times 3 \times 5 \times 7 \times 9 \times \dots \times 999?$

- (a) 1      (b) 3      (c) 5      (d) 9

**Ans: (c)**

Since, the expression contains only odd numbers and 5s

So, the unit digit = 5 [As any combination of odd numbers multiplied by 5 will result in a number with unit digit 5]

#### Directions for the following 4 (four) items:

Read the following **two passages** and answer the items that follow the passages. Your answers to these items should be based on the passages only.

#### Passage - 1

Maintaining an ecosystem just to conserve biodiversity will affect its commercial potential as well as the livelihoods dependent on the ecosystem. There is also a conflict between using an ecosystem only for livelihoods, for commercial exploitation, or strictly for conservation. Deforestation caused due to commercial exploitation will lead to indirect harm like floods, siltation problems and microclimatic instability, apart from adversely affecting livelihoods dependent on forests. These conflicts are particularly acute in developing countries where the dependence of people on the ecosystem is significant, and commercial exploitation has the potential to boost national income.

### 31. Which one of the following statements best reflects the critical message conveyed by the author of the passage?

- (a) Conservation of biodiversity is not an issue to be worried about when some people depend on ecosystems for their livelihoods.
- (b) Commercial exploitation of forests goes against the fundamental rights of the people dependent on forests for food and shelter.
- (c) Sustenance of livelihood and degradation of ecosystem while being together exacerbate one another, leading to conflicts and imbalance.
- (d) Commercial exploitation of ecosystems should be completely stopped.

**Ans: (c)**

**Option (a) is incorrect:** The passage stresses that conservation is important despite livelihood dependence; it does not dismiss conservation concerns.

**Option (b) is incorrect:** Although commercial exploitation impacts livelihoods, the passage does not frame this as a violation of fundamental rights.

**Option (c) is correct:** The passage conveys that **livelihood sustenance and ecosystem degradation can coexist but worsen each other**, causing conflicts and imbalance—this is the core message.

**Option (d) is incorrect:** The passage recognizes the economic role of commercial exploitation and does not call for its complete cessation.

### 32. With reference to above passage, the following assumptions have been made :

- I. No country needs to depend on ecosystems to boost national income.
  - II. Resource-rich countries need to share their resources with those of scant resources so as to prevent the degradation of ecosystems.
- Which of the above assumptions is/are valid?
- (a) I only      (b) II only  
(c) Both I and II      (d) Neither I nor II

**Ans: (d)**

**Assumption I is incorrect:** The passage implies that many developing countries **do depend on ecosystems** to boost national income, so the assumption that no country needs to do so contradicts the passage.

**Assumption II is incorrect:** The passage does **not mention or suggest** that resource-rich countries should share resources with resource-scarce countries to prevent ecosystem degradation.

#### Passage-2

The history of renewable energy suggests there is a steep learning curve, meaning that, as more is produced, costs fall rapidly because of economies of scale and learning by doing. The firms' green innovation is path-dependent: the more a firm does, the more it is likely to do in the future. The strongest evidence for this is the collapse in the price of solar energy, which became about 90% cheaper during the 2010s, repeatedly beating forecasts. Moving early and gradually gives economies more time to adjust, allowing them to reap the benefits of path-dependent green investment without much disruption. A late, more chaotic transition is costlier.

### 33. Which one of the following statements best reflects the central idea of the passage?

- (a) Economies of scale is essential for transition to green growth.
- (b) Modern technological progress is intensely linked to path-dependent innovations.
- (c) Countries with large economies are in a better position to adopt green technologies.
- (d) Timing plays a crucial role in the case of green technology development.

**Ans: (d)**

**Option (a) is incorrect:** While economies of scale contribute to cost reductions, the passage stresses more broadly the importance of timing and gradual transition rather than just economies of scale.

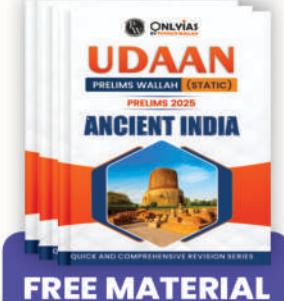
**Option (b) is incorrect:** Although path-dependent innovation is discussed, the passage focuses on the timing and smoothness of the transition as key for cost-effective green technology development.

**Option (c) is incorrect:** The passage does not mention the size of economies or imply that large economies are inherently better positioned to adopt green technologies.

**Option (d) is correct:** The passage underscores that **timing plays a crucial role**, advocating for early and gradual adoption to allow adjustment and the opportunity to reap benefits, making this the central idea.

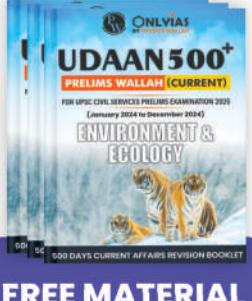


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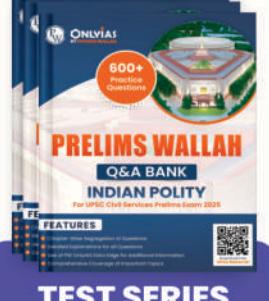
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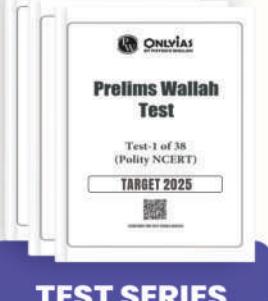
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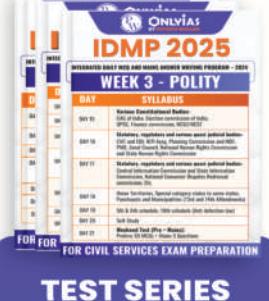
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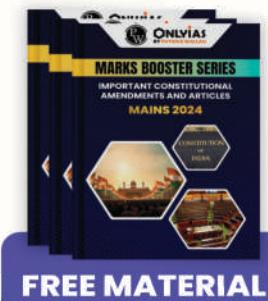
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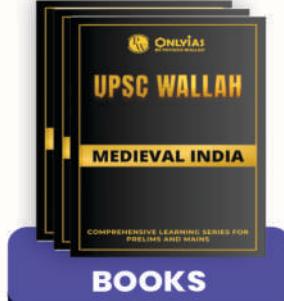
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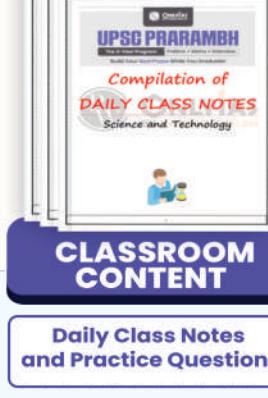
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