

PRABHA IAS IPS COACHING ACADEMY



DAILY PRACTICE QUESTIONS

Q1. With reference to India's waste sector and climate change, consider the following statements:

1. The waste sector contributes a relatively small share to India's total greenhouse gas emissions.
2. Methane is the dominant greenhouse gas emitted from the waste sector.
3. Methane has a lower global warming potential than carbon dioxide over a 100-year period.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 only
- (d) 1, 2 and 3

Q2. Consider the following statements regarding the Science Based Targets Initiative (SBTi):**

1. It promotes emission reduction targets aligned with the Paris Agreement.
2. It was originally established as a collaborative initiative involving multiple international organizations.
3. It functions as an intergovernmental body under the United Nations Framework Convention on Climate Change (UNFCCC).

Which of the statements given above is/are correct?

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- (a) 1 and 2 only
- (b) 1 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

Q3. With reference to Lysosomal Storage Disorders (LSDs), consider the following statements:

1. LSDs are caused by defects in lysosomal enzyme activity.
2. Although individually rare, LSDs impose a significant public health burden collectively.
3. LSDs primarily affect adults and are rarely detected in childhood.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

Q4. With reference to the Lion-Tailed Macaque, consider the following statements:

1. It is endemic to the Western Ghats of India.
2. It primarily inhabits grassland and deciduous forest ecosystems.
3. Increasing sightings in human-dominated landscapes indicate adaptive behavioral changes.

Which of the statements given above is/are correct?

- (a) 1 only

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(b) 1 and 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

Q5. With reference to the Vidyanjali Programme, consider the following statements:

1. It seeks to strengthen government schools through community and volunteer participation.

2. It is aligned with the objectives of the National Education Policy (NEP) 2020.

3. The programme mandates compulsory financial contributions from local communities.

Which of the statements given above is/are correct?

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Answer: (b)

Statements 1 and 2 are correct.

Statement 3 is incorrect: participation and contributions are ****voluntary****, not mandatory.

Solutions:

1. Answer: (a)

Statement 1 is correct: the waste sector's share is low but impactful.

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Statement 2 is correct: methane dominates emissions.

Statement 3 is incorrect: methane's global warming potential is ****much higher**** than CO₂.

2. Answer: (a)

Statements 1 and 2 are correct.

Statement 3 is incorrect: SBTi is ****not**** an intergovernmental UN body; it is an independent charity.

3. Answer: (b)

Statements 1 and 2 are correct.

Statement 3 is incorrect: many LSDs manifest in ****childhood****, often with severe outcomes.

4.

Answer: (b)

Statement 1 is correct: it is endemic to the Western Ghats.

Statement 2 is incorrect: it inhabits ****evergreen and semi-evergreen rainforests****.

Statement 3 is correct: recent studies suggest adaptation to modified habitats.