

PRABHA IAS IPS COACHING ACADEMY



DAILY PRACTICE QUESTIONS (17/3/2026)

1. With reference to the ‘Trisulfide Metathesis Reaction’, consider the following statements:

1. It involves breaking and recombination of sulphur-sulphur bonds.
2. It requires high temperature and catalysts to proceed.
3. It can potentially advance drug development.

Which of the statements given above is/are correct?

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

2. With reference to Bhutan’s ‘Pay-to-Protect’ tourism model, consider the following statements:

1. It imposes a Sustainable Development Fee (SDF) on tourists.
2. It follows a High Value, Low Volume tourism strategy.
3. The revenue is used exclusively for military expenditure.

Which of the statements given above is/are correct?

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

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3. With reference to Vela carli crab, consider the following statements:

1. It is endemic to the Western Ghats.
2. It belongs to the family Gecarcinucidae.
3. It acts as a bioindicator of polluted freshwater ecosystems.

Which of the statements given above is/are correct?

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

4. Consider the following statements regarding the Gajapati Empire:

1. It was founded by Kapilendra Deva.
2. It extended from the Ganges to the Kaveri at its peak.
3. It patronised the Persian language.

Which of the statements given above is/are correct?

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

5. Samarth Incubation Programme is associated with:

- (a) Promoting agricultural mechanisation in rural India

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(b) Supporting DPIIT-recognised startups with funding and infrastructure

© Providing scholarships for higher education abroad

(d) Developing defence manufacturing corridors

SOLUTIONS

1. Answer: (a) 1 and 3 only

Solution: The Trisulfide Metathesis Reaction involves breaking and recombination of sulphur-sulphur bonds at room temperature without requiring heat or catalysts, making it useful for drug development.

2. Answer: (a) 1 and 2 only

Solution: Bhutan's model imposes an SDF and follows a High Value, Low Volume strategy. Revenue is used for conservation and public welfare, not military expenditure.

3. Answer: (a) 1 and 2 only

Solution: Vela carli is endemic to the Western Ghats and belongs to the family Gecarcinucidae. It acts as a bioindicator of unpolluted freshwater ecosystems.

4. Answer: (a) 1 and 2 only

Solution: The Gajapati Empire was founded by Kapilendra Deva and extended from the Ganges to the Kaveri. It patronised the Odia language, not Persian.

5. Answer: (b) Supporting DPIIT-recognised startups with funding and infrastructure

Solution: The Samarth Incubation Programme supports startups by providing financial aid and infrastructure to promote innovation and commercialization.

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