

# PRABHA IAS IPS COACHING ACADEMY



## DAILY PRACTICE QUESTIONS (03/04/2026)

**Q1. With reference to Yuva Vigyani Karyakram (YUVIKA), consider the following statements:**

1. It is an initiative of ISRO.
2. It targets Class 9 students.
3. It aims to promote interest in STEM careers.

Which of the statements given above is/are correct?

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

**Q2. Qdenga vaccine recently approved in India is used for prevention of:**

- (a) Malaria
- (b) Tuberculosis
- (c) Dengue
- (d) Hepatitis B

**Q3. With reference to Tuberculosis (TB) gene regulation research, consider the following statements:**

1. TB bacteria follow the conventional sigma cycle mechanism.
2. Sigma factor remains attached to RNA polymerase throughout transcription in TB bacteria.

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Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**Q4. Capacity Building Commission (CBC) is:**

- (a) A constitutional body
- (b) A statutory body under Parliament
- (c) An autonomous body under Mission Karmayogi
- (d) A private training institution

**Q5. SAMPANN platform is associated with:**

- (a) Agricultural subsidy distribution
- (b) Digital pension management system
- (c) Space mission monitoring
- (d) Defence procurement system

## SOLUTIONS

Q1. (d) 1, 2 and 3 – YUVIKA is an ISRO initiative for Class 9 students to promote STEM learning.

Q2. (c) Dengue – Qdenga is India's first approved dengue vaccine.

Q3. (b) 2 only – TB bacteria show a deviation where sigma factor remains attached during transcription.

Q4. (c) An autonomous body under Mission Karmayogi – CBC was established in 2021.

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Q5. (b) Digital pension management system – SAMPANN is used for pension accounting and disbursement.

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