



MCQs:

1. Which of the following statement/s is/are true?

1. Gamma Ray Bursts are **powerful astronomical cosmic bursts of high-energy gamma-ray.**

2. GRB emits more energy in a few seconds than our Sun will emit in its lifetime.

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ans: c

Explanation:

- GRBs are powerful astronomical cosmic bursts of high-energy gamma-ray.
- GRB emits more energy in a few seconds than our Sun will emit in its lifetime and has two distinct emission phases.

2. Article 5, 6 and 7 of the Indian constitution is associated with?

(a) Fundamental Rights

(b) Preamble

(c) Citizenship

(d) None of the above

Ans: c

Explanation:

- **Article 5** - Citizenship at the commencement of the Constitution.
- **Article 6** - Rights of citizenship of certain persons who have migrated to India from Pakistan.
- **Article 7** - Rights of citizenship of certain migrants to Pakistan.



3. *Senna spectabilis* is ?

- (a) Endangered bird
- (b) Ancient Primate
- (c) Invasive Species
- (d) None of the above

Ans: c

Explanation:

- 'Vanikaran' project is a Kerala government project that is an afforestation project to root out invasive plants, especially *Senna spectabilis*.

4. Which of the following statement/s are true?

1. End-to-end encryption is secure line of communication that blocks 3rd party users from accessing transferred data.

2. It uses an algorithm that transforms standard text into an unreadable format.

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

Ans: c

Explanation:

- End-to-end encryption is secure line of communication that blocks 3rd party users from accessing transferred data. It uses an algorithm that transforms standard text into an unreadable format.

5. Coordinated Patrol (CORPAT) is an Naval exercise between India and?

- (a) Indonesia
- (b) Vietnam



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(c) Malasia

(d) Russia

Ans: a

Explanation:

- It is a bilateral exercise between Indian Navy and Indonesian Navy.