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Q.1) Consider the following statements with respect to 'PUNCH Mission'

1. It is a joint mission by ISRO and JAXA.
2. It is aimed at clearing space debris around Indian and Japanese Satellites and make way for Indian workable space station.

Select the correct statements

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

Q.1) Solution (d)

It is NASA's landmark mission that will image regions beyond the Sun's outer corona.

Read More - <https://www.thehindu.com/sci-tech/science/indian-scientist-to-be-co-i-for-nasas-punch-mission/article28228527.ece>

Q.2) Consider the following statements with respect to 'United Nations Convention against Corruption (UNCAC)'

1. It is legally binding in nature
2. UN Office on Drugs and Crime (UNODC) serves as Secretariat for the UNCAC.
3. It does not address the cross-border nature of corruption

Select the correct statements

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Q.2) Solution (a)

The United Nations Convention against Corruption (UNCAC) is the only legally binding international anti-corruption multilateral treaty.

Negotiated by member states of the United Nations (UN) it has been adopted by the UN General Assembly in October 2003 and entered into force in December 2005.

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The UNCAC recognise the importance of both preventive and punitive measures, addresses the cross-border nature of corruption with provisions on international cooperation and on the return of the proceeds of corruption.

States Parties - countries that have ratified the Convention - are expected to cooperate in criminal matters and consider assisting each other in investigations of and proceedings in civil and administrative matters relating to corruption. The Convention further calls for the participation of civil society and non-governmental organisations in accountability processes and underlines the importance of citizens' access to information.

The UN Office on Drugs and Crime (UNODC) in Vienna serves as Secretariat for the UNCAC.

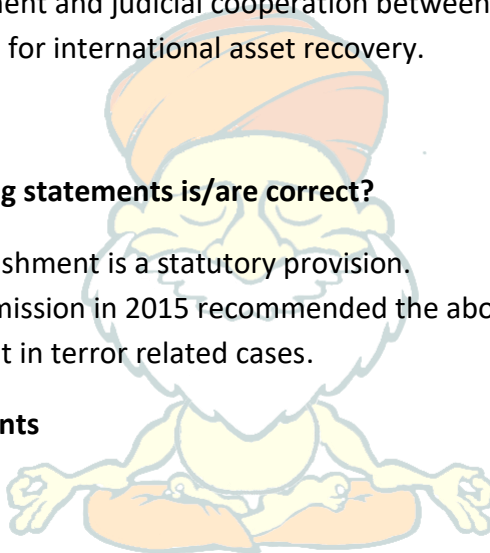
UNCAC's goal is to reduce various types of corruption that can occur across country borders, such as trading in influence and abuse of power, as well as corruption in the private sector, such as embezzlement and money laundering. Another goal of the UNCAC is to strengthen international law enforcement and judicial cooperation between countries by providing effective legal mechanisms for international asset recovery.

Q.3) Which of the following statements is/are correct?

1. In India capital punishment is a statutory provision.
2. The 20th Law Commission in 2015 recommended the abolition of death penalty in a swift manner except in terror related cases.

Select the correct statements

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



Q.3) Solution (c)

In India capital punishment is a statutory provision, even though it is used in the rarest of rare cases.

The constitutional validity of the death penalty has been challenged many times. It was first challenged in *Jagmohan v. State of Uttar Pradesh* in which the Hon'ble Supreme Court upheld its validity stating that the capital punishment itself was not unreasonable per se and neither was its abolition in the public interest and hence not violative of the Art. 19 of the Constitution. It has been challenged many times since but the decision has remained same.

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One of the most interesting developments that occurred with regard to the future of the death penalty in India was a report of the 20th Law Commission in 2015. The law commission under the chairmanship of Justice A. P. Shah recommended the abolition of death penalty in a swift manner except in terror related cases.

Q.4) NASA's Dragonfly mission is associated with

- a) Mars
- b) Saturn
- c) Jupiter
- d) Bennu Asteroid

Q.4) Solution (b)

Dragonfly mission will fly multiple sorties to sample and examine sites around Saturn's icy moon.

Dragonfly will launch in 2026 and arrive in 2034. The rotorcraft will fly to dozens of promising locations on Titan looking for prebiotic chemical processes common on both Titan and Earth. Dragonfly marks the first time NASA will fly a multi-rotor vehicle for science on another planet; it has eight rotors and flies like a large drone. It will take advantage of Titan's dense atmosphere – four times denser than Earth's – to become the first vehicle ever to fly its entire science payload to new places for repeatable and targeted access to surface materials.

Read More - <https://www.nasa.gov/press-release/nasas-dragonfly-will-fly-around-titan-looking-for-origins-signs-of-life>

Q.5) 'Aruna Sundararajan Committee' is associated with

- a) Groundwater Recharge
- b) Telecom Sector
- c) Interchange Fee
- d) Disaster Management Policy

Q.5) Solution (b)

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Read More - <https://www.financialexpress.com/industry/telecom-reforms-ravi-shankar-prasad-sets-up-panel-to-lower-licence-fee-spectrum-charges/1622779/>

