

August 27, 2018

Q.1) Consider the following statements about 'Rhesus Macaque'

1. It is found through most of Southern Asia
2. It is diurnal and omnivorous
3. It is listed as 'Endangered' under IUCN Red List

Select the correct statements

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

Q.1) Solution (a)

The rhesus macaque (*Macaca mulatta*) is one of the best-known species of Old World monkeys. It is listed as Least Concern in the IUCN Red List of Threatened Species in view of its wide distribution, presumed large population, and its tolerance of a broad range of habitats. Native to South, Central, and Southeast Asia, rhesus macaque have the widest geographic ranges of any nonhuman primate, occupying a great diversity of altitudes and a great variety of habitats, from grasslands to arid and forested areas, but also close to human settlements.

This species is diurnal and omnivorous, and alternatively arboreal and terrestrial.

IUCN Status – Least Concern

Q.2) 'INS Vikramaditya' is a/an

- a) Aircraft carrier
- b) Frigate
- c) Submarine
- d) Corvette

Q.2) Solution (a)

It is a modified Kiev-class aircraft carrier which entered into service with the Indian Navy in 2013. She has been renamed in honour of Vikramaditya, a legendary emperor of Ujjain, India.

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It will be fitted with marine hydraulic system to boost the air operations of the ship. It will be fitted with two marine hydraulic systems whose technical terms go by "GS-1MF" and "GS-3".

The GS-1MF and GS-3 marine hydraulic systems are used for refuelling, cleaning and pressurization of hydraulic systems of aircraft and helicopters which form part of the air-capable wing of INS Vikramaditya.

GS-1MF hydraulic system is used for helicopters while GS-3 are used for aircraft.

Source: <https://www.hindustantimes.com/india-news/ins-vikramaditya-to-be-have-marine-hydraulic-systems/story-aLawApoGnsZaZ9mewK7EOI.html>

Q.3) Consider the following statements about 'Indian Ocean Conference (IOC)'

1. The inaugural IOC will be held in Vietnam.
2. It is organised by Indian Foundation along with the partners from Singapore, Bangladesh and Sri Lanka.

Select the correct statements

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

Q.3) Solution (b)

With successive two years in its bag, the third edition of Indian Ocean Conference is set to begin on August 27 at Hanoi, the capital of Vietnam. The theme of the two- day conference will focus on 'Building Regional Architectures', particularly with regards to trade and commerce, security and governance.

Earlier, the conference was held in Singapore and Sri Lanka in 2016 and 2017 respectively. Organised by Indian Foundation along with the partners from Singapore, Bangladesh and Sri Lanka this is an initiative to bring the state leaders, diplomats and bureaucrats from across the region under one roof to strengthen the understanding among each other.

Source: <https://www.financialexpress.com/world-news/vietnam-to-host-indian-ocean-conference-on-august-27-28/1292461/>

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Q.4) OSIRIS-Rex is a NASA study and sample return mission of which of the following asteroid?

- a) Florence
- b) Phobos & Deimos
- c) Bennu
- d) Ceres

Q.4) Solution (c)

The Origins, Spectral Interpretation, Resource Identification, Security, Regolith Explorer (OSIRIS-REx) is a NASA asteroid study and sample return mission.

Its mission is to study asteroid 101955 Bennu, a carbonaceous asteroid, and return a sample to Earth in 2023 for detailed analysis.

Source: <https://www.thehindu.com/sci-tech/nasa-spacecraft-approaches-asteroid-bennu-snaps-first-pic/article24784236.ece>

Q.5) In, India, markets in agricultural products are regulated under the

- a) Food Products Order, 1956 and Meat and Food Products Order, 1973
- b) Essential Commodities Act, 1955
- c) Agricultural Produce (Grading and Marking) Act, 1937
- d) None

Q.5) Solution (d)

Agricultural Produce Market Committee Act enacted by States

An agricultural produce market committee (APMC) is a marketing board established by a state government in India.

APMC operate on two principles:

- Ensure that farmers are not exploited by intermediaries (or money lenders) who compel farmers to sell their produce at the farm gate for an extremely low price.
- All food produce should first be brought to a market yard and then sold through auction.

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Traders require a license to operate within a mandi. Wholesale and retail traders (e.g. shopping mall owners) and food processing companies cannot buy produce directly from a farmer.

