



Prelims Practice Questions 15-06-2019

1) Consider the following statements with respect to *National Institute of Rural Development and Panchayati Raj (NIRD & PR)*

1. It's one of the main objectives is to study the functioning of the Panchayati Raj Institutions (PRIs) and rural development programmes across the States.
2. It is an autonomous organisation under the Union Ministry of Rural Development.

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

Answer : c

- The Hyderabad-based National Institute of Rural Development and Panchayati Raj (NIRDPR) has launched a training programme of Sustainable Livelihoods and Adaptation to Climate Change (SLACC) to help Rural Poor Farm Holds adapt to Climate Change and sustain their livelihoods.
- Under the National Rural Livelihood Mission, the NIRDPR has launched the training programme.

2) Which of the following is/are the objectives of Mission Chandrayaan-2?

1. To map the variations in lunar surface composition extensively in order to trace back the origin and evolution of the moon.
2. To study on the extent of water molecule distribution on the surface to address the origin of water on moon.

Select the correct answer using the codes given below:

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

Answer : c

The objectives of Mission Chandrayaan-2 are:

1. To map the variations in lunar surface composition extensively in order to trace back the origin and evolution of the moon.
2. Focused studies on the extent of water molecule distribution on the surface, below the surface and in the tenuous lunar exosphere to address the origin of water on moon.

3) Consider the following statements with respect to *Sustainable Livelihoods and Adaptation to Climate*

Change (SLACC) Programme

1. It aims to help Rural Poor Farm Holds adapt to Climate Change and sustain their livelihoods.
2. It has been launched as a submission under the National Action Plan on Climate Change (NAPCC).

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

Answer : a

- SLACC Programme aims to help Rural Poor Farm Holds adapt to Climate Change and sustain their livelihoods.
- It has been launched under the **National Rural Livelihood Mission (NRLM)**.
- Total 638 drought and flood-prone villages of Madhya Pradesh and Bihar are being covered on pilot basis under this first of its kind initiative. It will be scaled up nationwide in due course.

4) Consider the following statements with respect to *International Space Station (ISS)*

1. It is the only one fully functioning space station in Earth's lower orbit.
2. India has recently decided to join the International Space Station (ISS).

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

Answer : a

- ISRO's Chairman has recently stated that **India will not join** the International Space Station (ISS).
- He also said that, India is **planning to launch its own space station**.
- A space station is a spacecraft capable of supporting crew members, designed to remain in space for an extended period of time and for other spacecraft to dock.
- Currently, there is only one fully functioning space station in Earth's lower orbit, the **International Space Station** and astronauts conduct different experiments in it.

5) *World Investment Report* is published annually by which of the following?

- a. World Bank
- b. World Economic Forum
- c. International Monetary Fund
- d. UN Conference on Trade and Development

Answer : d

6) Consider the following statements with respect to *Kimberley Process*

1. It is an international certification scheme that regulates trade in rough diamonds.
2. India is one of the founder members of Kimberley Process Certification Scheme (KPCS).
3. India is the Chair of Kimberley Process for the year 2019 with Russian Federation as Vice Chair.

Which of the statements given above is/are correct?

- a. 1 only

- b. 3 only
- c. 1 and 3 only
- d. 1, 2 and 3

Answer : d

- The Kimberley Process is an international certification scheme that regulates trade in rough diamonds.
- It aims to prevent the flow of conflict diamonds, while helping to protect legitimate trade in rough diamonds.
- It has no permanent offices or permanent staff.
- India is one of the founder members of Kimberley Process Certification Scheme and is the Chair of Kimberley Process for the year 2019 with Russian Federation as Vice Chair.

7) Who among the following are the members of *Governing Council of NITI Aayog*?

1. The Prime Minister of India
2. Chief Ministers of all the States
3. Lt. Governors of Union Territories without legislatures
4. Special invitees

Select the correct answer using the codes given below:

- a. 1, 2 and 3 only
- b. 1, 2 and 4 only
- c. 2, 3 and 4 only
- d. 1, 2, 3 and 4

Answer : d

- The Governing Council of NITI Aayog comprises of:

1. The Prime Minister of India
2. Chief Ministers of all the States and Union Territories with Legislatures
3. Lt. Governors of other Union Territories
4. Other special invitees.

8) Consider the following statements with respect to *Aditya L1 Mission*

1. It is ISRO's first solar mission planned to launch a 400kg class satellite in Low Earth Orbit (LEO).
2. It was meant to observe only the solar corona.

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

Answer : d

- The **Aditya-1** mission was conceived as a 400kg class satellite carrying one payload, the Visible Emission Line Coronagraph (VELC) and was planned to launch in an 800 km low earth orbit.
- A Satellite placed in the halo orbit around the Lagrangian point 1 (L1) of the Sun-Earth system has the major advantage of continuously viewing the Sun without any occultation/ eclipses.
- Therefore, the **Aditya-1 mission has now been revised to "Aditya-L1 mission"** and will be inserted in a **halo orbit** around the L1, which is 1.5 million km from the Earth.
- **Aditya-1** was meant to observe **only the solar corona**.

- **Aditya-L1** with additional experiments can now provide observations of **Sun's Photosphere** (soft and hard X-ray), **Chromosphere** (UV) and **corona** (Visible and NIR).

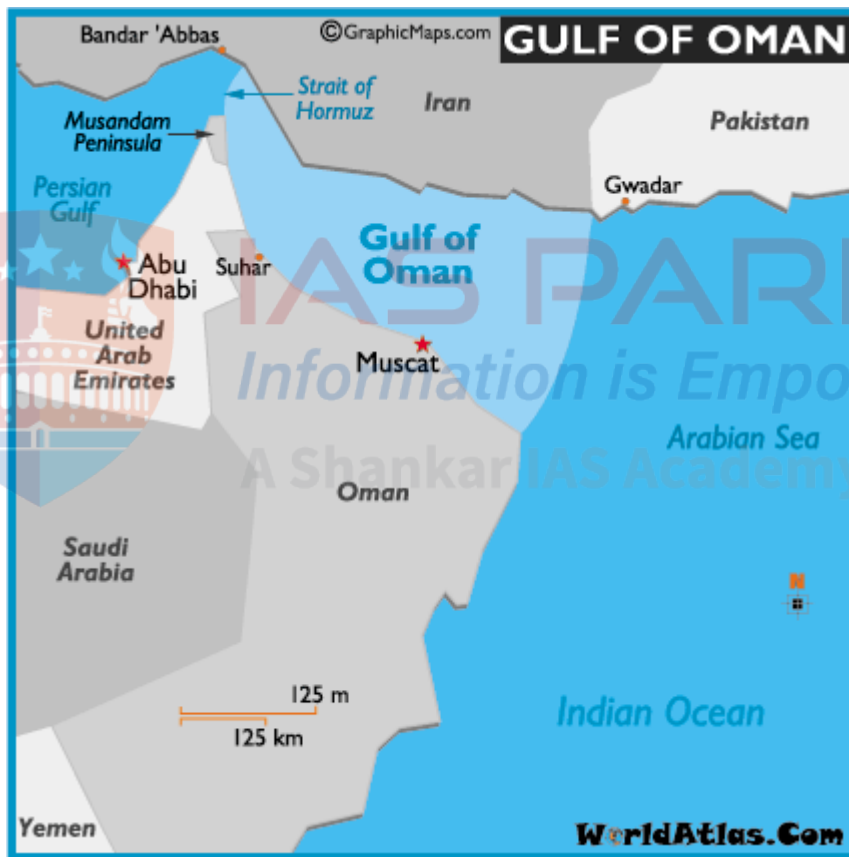
9) Which of the following countries *does not* share borders with *Gulf of Oman*?

1. Iran
2. Qatar
3. Bahrain
4. Saudi Arabia

Select the correct answer using the codes given below:

- a. All except 1
- b. All except 1 and 4
- c. 2 and 3 only
- d. All of the above

Answer : a



10) With respect to *Lagrangian points*, which of the following is *incorrect*?

- a. It is a location where the combined gravitational forces of two large bodies equal the centrifugal force felt by a much smaller third body
- b. It refers to the farthest points reached by an orbiting planetary body with respect to a host body
- c. This point doesn't experience gravitational force
- d. There are 5 Lagrange points between Earth and Sun

Answer : b

- Lagrangian point is a point where the attraction by the Sun and the Earth becomes equal.

- The point doesn't experience gravitational force.
- If a satellite is put there, it won't get deflected, yet the captured data will be accurate.



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