

Q: Consider the following statement regarding Jellyfish Galaxy (JO206):

1. It trails across the universe about 700 million light-years away from our planet.
2. It resembles their marine namesakes and that is evident in the image.
3. It is not a constellation.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- Jellyfish Galaxy (JO206) trails across the universe about 700 million light-years away from our planet.
- It is in the constellation Aquarius.
- Jellyfish galaxies resemble their marine namesakes and that is evident in the image.
- At the bottom right in the image “tentacles” of bright star formation that trails the main disc of the galaxy are visible.

Q: Consider the following statement regarding Global Partnership on AI (GPAI):

1. It is the fruition of an idea developed within the G20 countries.
2. It is a multi-stakeholder initiative which aims to bridge the gap between theory and practice on AI.
3. Its secretariat is at the Organisation for Economic Cooperation and Development (OECD).

Choose the correct option from the codes given below:

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

Ans: b

Explanation:

- Global Partnership on AI (GPAI) is a multi-stakeholder initiative which aims to bridge the gap between theory and practice on AI by supporting cutting-edge research and applied activities on AI-related priorities.
- Launched in June 2020 with 15 members, GPAI is the fruition of an idea developed within the G7.
- At present, it has 29 members and India is also a member of this initiative.
- Its secretariat is at the Organisation for Economic Cooperation and Development (OECD)

Q: Consider the following statement regarding PM Matru Vandana Yojana:

1. It is a Centrally Sponsored Direct Benefit Transfer (DBT) scheme.
2. It aims to improve health-seeking behaviour amongst Pregnant Women & Lactating Mothers (PW&LM).

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- PM Matru Vandana Yojana is a Centrally Sponsored Direct Benefit Transfer (DBT) scheme launched in 2017.
- Its objectives is to providing partial compensation for the wage loss in terms of cash incentive, so that the woman can take adequate rest before and after delivery of the first child
- To improve health-seeking behaviour amongst Pregnant Women & Lactating Mothers (PW&LM).

Q: Consider the following statement regarding International Organization of Supreme Audit Institutions:

1. It is an autonomous, independent and non-political organization.
2. It has special consultative status with the Economic and Social Council (ECOSOC) of the United Nations.
3. It works to promote auditing standards, good governance of SAIs, and SAI independence.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3

d) 1, 2 and 3

Ans: d

Explanation:

- International Organization of Supreme Audit Institutions is an autonomous, independent and non-political organization.
- It operates as an umbrella organization for the external government audit community.
- It has special consultative status with the Economic and Social Council (ECOSOC) of the United Nations.
- It works to promote auditing standards, good governance of SAIs, and SAI independence, among other work.

Q: Consider the following statement regarding Sea Lettuce:

1. It is commonly referred to as seaweed.
2. It is perennial, and grows all year, although the largest blooms occur during the summer.
3. It does not require sunlight to flourish.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- Sea lettuce (*Ulva lactuca*) is commonly referred to as seaweed.
- It is a genus of green algae usually found growing on rocky shores of seas and oceans around the world.
- Some species of Sea lettuce also grow in brackish water rich in organic matter or sewage and can accumulate heavy metals.
- It usually grows attached by a small discoid holdfast to rocks and shells, but it can also grow in a free-floating, non-attached form, sometimes in prolific masses.
- It needs a lot of sunlight to flourish.
- It is perennial, and grows all year, although the largest blooms occur during the summer.
- Large masses of sea lettuce are often an indicator of nutrient pollution in the water.
- In some parts of the world, people eat sea lettuce in soups and salads.