



Prelims Practice Questions 07-04-2018

01. Consider the following statements.

1. The Oxytocin is a hormone secreted by adrenal gland.
2. It plays important role in reproduction, child birth and lactation.
3. Import of the hormone is banned in India, to prevent misuse in livestock industry.

Which of the above statements is/are correct?

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

Answer : b

The Oxytocin is a hormone secreted by pituitary gland. Often called the 'love hormone', oxytocin is released naturally in human bonding activities such as sex, childbirth and breastfeeding. The Union government banned imports of the hormone oxytocin to stop its misuse in the livestock industry, where activists say it causes hormonal imbalances and shortens the lives of milch animals.

02. Consider the following statements.

1. The Blue Flag project aims to enhance and develop standards of cleanliness on beaches.
2. Under the pilot project, each of coastal state/UT was requested to identify and nominate a beach, which is to be funded through ongoing Integrated Coastal Management Programme.

Which of the above statements is/are correct?

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

Answer : c

The 'Blue Flag' is a certification by the Foundation for Environmental Education (FEE). The project was launched by Ministry of Environment, Forest and Climate Change. The FEE is a non-governmental, non-profit organisation promoting sustainable development through environmental education. It was established in 1981.

03. SOFIA mission is the joint collaboration of which of the following?

1. USA and European Union
2. France and Germany
3. USA and Japan
4. Germany and USA

- a. 1
- b. 2
- c. 3
- d. 4

Answer : d

The Stratospheric Observatory for Infrared Astronomy (SOFIA) is a joint project of NASA and the German Aerospace Center (DLR) to construct and maintain an airborne observatory. The primary science objectives of SOFIA are to study the composition of planetary atmospheres and surfaces; to investigate the structure, evolution and composition of comets; to determine the physics and chemistry of the interstellar medium; and to explore the formation of stars and other stellar objects.

04. Consider the following statements.

1. Operation Save Kurma was conducted to combat the proliferating illegal trade of live turtles and its parts from the country to destinations abroad.
2. For this operation, India was awarded certificate of commendation for its effort to combat illegal wildlife trade by TRAFFIC.
3. Operation Thunderbird is the code-name for INTERPOL's multi-national and multi-species enforcement operation.

Which of the above statements is/are correct?

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

Answer : c

For this operation, India was awarded certificate of commendation for its effort to combat illegal wildlife trade by Convention on International Trade in Endangered Species. CITES (the Convention on International Trade in Endangered Species of Wild Fauna and Flora) is an international agreement between governments. Its aim is to ensure that international trade in specimens of wild animals and plants does not threaten their survival.

05. Consider the following statements.

1. Fiat currency is currency that a government has declared to be legal tender.
2. It is different from cryptocurrency or virtual currency like Bitcoin which is not legal tender and are not backed by the government.

Which of the above statements is/are correct?

- a. 1 only

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

Answer : c

The Reserve Bank of India (RBI) has constituted an inter-departmental group to study and provide guidance on feasibility to introduce fiat digital currency. Fiat Digital Currency (or Central bank digital currency) is the digital form of fiat money which is currency established as money by government regulation. As opposed to private digital tokens, fiat digital currency will be issued by central bank.

06. Consider the following statements.

1. At present both print and electronic media are regulated but online media does not come under any regulatory mechanism.
2. The social media platforms like Facebook, YouTube which are widely used for online information dissemination comes under purview of Department of Telecom, Ministry of I&B.

Which of the above statements is/are correct?

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

Answer : a

The social media platforms like Facebook, YouTube, Instagram, Twitter which are widely used for online information dissemination comes under purview of Department of Telecom, Ministry of Communications and IT and don't fall in domain of I&B ministry, which looks at news, entertainment.

07. Permanent Structured Cooperation is the newly formed defence cooperation of which among the following?

1. North America
2. South East Asia
3. Eurasia
4. European Union

- a. 1
- b. 2
- c. 3

d. 4

Answer : d

The Permanent Structured Cooperation (PESCO) is the part of the European Union's (EU) Common Security and Defence Policy (CSDP) in which 25 of the 28 national armed forces pursue structural integration.

08. Which of the following countries are involves in the process of naming tropical cyclones in the Indian Ocean region?

1. Bangladesh
2. Myanmar
3. Oman
4. Thailand

Select the correct answer from the given codes.

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

Answer : d

Eight countries that involved are Oman, Pakistan, India, Maldives, Sri Lanka, Myanmar, Thailand and Bangladesh.

09. The Trade facilitation agreement (TFA) of the WTO says that farm subsidies cannot be more than 10% of the

1. Gross Domestic Product of a country.
2. Value of agricultural production.
3. National income of a country.
4. Value of agricultural exports.

- a. 1
- b. 2
- c. 3
- d. 4

Answer : b

The TFA is the WTO's first-ever multilateral accord that aims to simplify customs regulations for the cross-border movement of goods. It was outcome of WTO's 9th Bali (Indonesia) ministerial package of 2013.

10. Consider the following statements.

1. In Free Space Optical communication technology, data is transmitted by propagation of light in free space allowing optical connectivity.
2. It is a Line of Sight (LOS) technology.
3. It is capable of sending up to 1.25 Gbps of data, voice, and video communications simultaneously through the air.

Which of the above statements is/are correct?

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

Answer : d

Working of FSO is similar to OFC (optical fiber cable) networks but the only difference is that the optical beams are sent through free air or vacuum instead of glass fiber. It has low initial investment and is a flexible network that delivers better speed than broadband. High data rate can be obtained which is comparable to the optical fiber cable's data rate but error rate is very low.

