



Prelims Practice Questions 13-02-2019

1) Consider the following statements with respect to Tangkhul Naga tribes

1. Tangkhul Naga is an indigenous tribal community inhabiting Ukhrul district of Manipur.
2. Luira Phanit is a harvesting festival celebrated by these tribes.

Which of the statement(s) given above is/are correct?

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

Answer : d

- The Tangkhul-Naga tribe came to Manipur, Nagaland, Assam and Arunachal Pradesh **from China** through Myanmar, entering their present habitats in successive waves of immigration from 9th to 11th century BC.
- Most of them live in **Manipur's** Ukhrul district in North East India.
- Luira phanit is a **seed sowing** festival celebrated by the Tangkhul Naga tribes.

2) Zoologists have recently discovered a new species called "Crying Snake" in which of the following?

- a. Kerala
- b. Rajasthan
- c. Arunachal Pradesh
- d. Andaman & Nicobar Islands

Answer : c

- A new species of '**crying**' snake has been discovered in **Lepa-Rada district of Arunachal Pradesh**.
- "The name for this keelback was suggested because of a dark spot under its eyes looking like a black tear that interrupts a white stripe running along the upper jaw to the back of its head and beyond.
- The discovery of the **non-venomous** crying keelback, whose zoological name is **Hebius lacrima**, has been published in Zootaxa, the New Zealand-based scientific mega-journal for animal taxonomy.

3) Consider the following statements with respect to Cholesterol

1. Cholesterol is a waxy, fat-like substance produced in the liver.
2. High density Lipoprotein (HDL) cholesterol and Low density Lipoprotein (LDL) cholesterol are the two main types of cholesterol.
3. High HDL levels reduce the risk for heart disease.

Which of the statement(s) given above is/are correct?

- a. 2 only

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

Answer : d

- Cholesterol is a waxy, fat-like substance produced in the **liver**.
- High density Lipoprotein (HDL) cholesterol and Low density Lipoprotein (LDL) cholesterol are the two main types of cholesterol.
- **LDL** cholesterol is considered the “**bad**” cholesterol, because it contributes to fatty build-ups in arteries (atherosclerosis).
- This condition narrows the arteries and increases the risk for heart attack, stroke and peripheral artery disease, or PAD.
- **HDL** cholesterol can be thought of as the “**good**” cholesterol. (So, in the case of HDL cholesterol, higher levels are actually better).
- Experts believe that HDL acts as a scavenger, carrying LDL (bad) cholesterol away from the arteries and back to the liver, where the LDL is broken down and passed from the body.

4) Consider the following statements with respect to “*PCSK9 protein*”

1. PCSK9 protein reduces the low density lipoprotein (LDL) cholesterol in blood.
2. PCSK9 inhibitors are monoclonal antibodies (MABs) which dramatically increase LDL cholesterol levels by fight against the PCSK9 protein.

Which of the statement(s) given above is/are correct?

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

Answer : d

- Proprotein convertase subtilisin/kexin type 9 (**PCSK9**) binds to low-density lipoprotein receptors (LDL receptors), which stops LDL being removed from the blood, leading to an **increase** in blood levels of LDL.
- The PCSK9 inhibitor blocks the PCSK9, resulting in **more LDL receptors** available to remove LDL from the blood, which produces in a **decrease in LDL** blood levels.

5) A report was released recently titled: “*India – Spearheading Climate Solutions*”. Consider the following statements in this regard

1. The report comprises of guidelines that have to be followed by all stakeholders to combat and adapt to climate change.
2. It was released by the Ministry of Environment, Forest and Climate change.

Which of the statement(s) given above is/are correct?

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

Answer : b

- Union Ministry of Environment, Forest and Climate Change released a publication recently in New Delhi on climate actions in India titled “**India – Spearheading Climate Solutions**”.
- This publication mentions the key actions **India has taken** under various sectors towards combating and adapting to climate change.

6) “e-Cocoon” Application was recently launched by which of the following?

- a. Ministry of Textiles
- b. Ministry of Commerce and Industry
- c. Ministry of Agriculture and Farmers welfare
- d. Agricultural Products Export Development Authority

Answer : a

- **Ministry of Textiles** has launched a mobile application for quality certification in silkworm seed sector.
- The app will be used by the Seed Analysts and Seed Officers nominated under Central Seed Act for system and product certification through real time reporting.

7) Consider the following statements with respect to Small Grants Program (SGP)

1. It provides both financial and technical support to communities and Civil Society Organizations to meet the overall objective of global environmental benefits secured through community-based initiatives and actions.
2. It is implemented by UNDP on behalf of the GEF (Global Environment Facility) partnership.

Which of the statement(s) given above is/are correct?

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

Answer : c

- Small Grants Program (SGP) is implemented by **UNDP** on behalf of the GEF (Global Environment Facility) partnership.
- SGP provides **financial and technical support** to communities and Civil Society Organizations to meet the overall objective of global environmental benefits secured through community-based initiatives and actions.
- Through a decentralized, national-level delivery mechanism, SGP finances community-led initiatives to address global environmental issues.
- The Program is specifically designed to mobilize bottom-up actions by empowering local civil society organizations, and poor and vulnerable communities, including women and Indigenous Peoples.

8) In which of the following areas, space technology can be used?

1. Island development and security
2. Border Surveillance
3. Communication and Navigation
4. GIS and Operations Planning System

Select the correct answer using the code given below

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

Answer : d

- Union Government has formed a Task Force for identifying areas for use of space technology in improving border management.
- Details of the areas identified for use of space technology by the task force are as under:-

1. Island development and security
2. Border Surveillance
3. Communication and Navigation
4. GIS and Operations Planning System
5. Border Infrastructure Monitoring

9) "AMAN-19" sometimes seen in the news recently, is a multinational maritime exercise hosted by which of the following countries?

- a. Pakistan
- b. Saudi Arabia
- c. India
- d. Jointly by A and B

Answer : a

- A five-day multinational exercise hosted by **Pakistan's** navy has kicked off near the southern port city of Karachi as part of efforts to enhance cooperation combating pirates, terrorists and smugglers.
- Representatives from the navies of 45 nations, including the United States, Britain and Japan, are participating in the exercise titled "Aman" or peace, which began Friday in the Northern Arabian Sea.
- Pakistan has been hosting the exercise since 2007 but has never invited arch rival neighbouring India.

10) Match the following

- | | | |
|----------------|---|----------------------|
| 1. Sela pass | - | a. Uttarakhand |
| 2. Khardung La | - | b. Arunachal Pradesh |
| 3. Sin La | - | c. Jammu and Kashmir |

Select the correct answer using the code given below

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

Answer : d

- The foundation stone for Sela Tunnel Project was laid recently.
- **Sela Pass** also called as Se La is the high-altitude mountain pass located in Tawang District of **Arunachal Pradesh**.
- It has an elevation of 4170 m (13,700 ft) connects the Buddhist city of Tawang Town to Tezpur and Guwahati.
- It is the main road connecting Tawang with the rest of India.
- The Sela Lake also known as Paradise Lake is located near to the pass.
- It is usually open throughout the year unless landslides or snow require the pass to be shut down temporarily.