# Prelims Practice Questions 15-12-2017

1. Consider the following statements.

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\n
1. The Great Trignometrical Survey was aimed at measuring the coastline of the Indian sub-continent.
\n
2. The term ‘batighar’ in colonial time refers to ‘lighthouse’.
\n

\n\n

Select the correct answer from the following codes.

\n\n

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

\n\n

\n\n

2. Consider the following statements.

\n\n

\n
1. INS Chakra is a nuclear attack submarine.
\n
2. INS Chakra is indigenously developed in India.
\n
3. INS Khanderi is a Scorpene-class submarine.
\n

\n\n

Select the correct answer from the following codes.

\n\n

\n
a. 1 and 3 only
\n
b. 2 and 3 only
\n
c. 3 only
\n
d. 1, 2, 3
\n

\n\n

\n\n

3. Consider the following statements.

\n\n

\n
1. National Disaster Management Authority is a statutory body headed by Environment Minister.
\n
2. It coordinates response to natural disasters only.
\n
3. All State Governments are mandated to set up State Disaster Management Authority.
\n

\n\n

Select the correct answer from the following codes.

\n\n

\n
a. 1 and 2 only
\n
b. 1 and 3 only
\n
c. 3 only
\n
d. 1 only

\n

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4. The Global Gender Gap Index is an index designed to measure gender equality. It is being released by which of the following agency?

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\n
a. United Nations Development Programme (UNDP)
\n
b. World Bank
\n
c. UN Women
\n
d. World Economic Forum
\n

\n\n

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5. The Union Finance Ministry has set up a Public Debt Management Cell (PDMC). Which of the following is/are the major functions/objectives of this PDMC?

\n\n

\n
1. To Develop and deepening the Bond market in the country.
\n
2. To advise the government of India on matters pertaining to investment, capital market operations, administration of interest rates on small saving.
\n
3. To advice the Government to rationalize the subsidies and cut down wasteful expenditures.
\n

\n\n

Select the correct answer using the code given below

\n\n

\n
a. 1 only
\n
b. 1 and 2 only
\n
c. 2 and 3 only
\n
d. 1, 2 and 3
\n

\n\n

\n\n

6. Which of the following is/are adaptive mechanism(s) of plants to avoid adverse conditions?

\n\n

\n
1. Die back
\n
2. Viviparity mode of reproduction
\n
3. Pneumatophores
\n
4. Dormant
\n

\n\n

Select the correct answer using the code given below:

\n\n

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

\n\n

\n\n

7. Which of the following are the uses of mulching?

\n\n

\n
1. Reduces the evaporation
\n
2. Reduces the soil erosion
\n
3. Reduces the weed growth
\n
4. Reduces the fertilizer consumption.
\n

\n\n

Select the correct answer using the code given below:

\n\n

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

\n\n

\n\n

8. Nepenthes also known as tropical pitcher plants or monkey cups, a genus of carnivorous plants, is distributed in which of the following regions?

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\n
a. Windward side of Western Ghats
\n
b. Western Himalayas – non permafrost region
\n
c. Forests in central regions of the country
\n

d. Hills of Meghalaya
\n

\n\n

\n\n

9. Consider the following statements

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\n
1. Only half of the energy is transferred from one trophic level to the next level.
\n
2. The energy flow among trophic levels is always unidirectional.
\n

\n\n

Which of the statements given above is/are correct?

\n\n

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

\n\n

\n\n

10. Consider the following statements

\n\n

\n
1. The evergreen coniferous trees like spruce, pine and firs dominates the vegetation.
\n
2. It is also known as boreal forests.
\n

\n\n

The above mentioned statements are characteristics of which of the following biomes?

\n\n

\n
a. Tundra
\n
b. Temperate deciduous forests
\n
c. Taiga
\n
d. Temperate grassland
\n

\n\n

\n\n

**Answers & Explanations**

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1. b

\n\n

The Great Trignometrical Survey was aimed at measuring the entire terrain of the Indian sub-continent.

\n\n

2. a

\n\n

INS Chakra was bought on lease from Russia.

\n\n

3. c

\n\n

National Disaster Management Authority is headed by Prime Minister. It coordinates response to both natural and man-made disasters.

\n\n

4. d

\n\n

India’s rank is 108

\n\n

5. b

\n\n

The cell has been created to streamline public borrowing and ensure better cash management with the objective of deepening bond markets. PDMC is an interim arrangement and will be upgraded to a statutory Public Debt Management Agency (PDMA).

\n\n

6.  d

\n\n

Die back- A condition in trees or woody plants in which peripheral parts are killed, either by pathogens, parasites or due to conditions like acid rain and drought.

\n\n

Pneumatophores are specialized root structures that grow out from the water surface and facilitate the aeration necessary for root respiration in hydrophytic trees.

\n\n

7. d

\n\n

Any material used (spread) at surface or vertically in soil to assist soil and water conservation and soil productivity is called Mulch.

\n\n

8. d

\n\n

Nepenthes khasiana is a tropical pitcher plant of the genus Nepenthes. It is the only Nepenthes species native to India.

\n\n

9. b

\n\n

Only 10% of the energy will be passed on in an ecosystem from one trophic level to the next.

\n\n

10. c

\n\n

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***Share your answers & thoughts in the comment section***

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