

**2018**



**1. Why is a plant called *Prosopis juliflora* often mentioned in news ?**

- a. Its extract is widely used in cosmetics.**
- b. It tends to reduce the biodiversity in the area in which it grows.**
- c. Its extract is used in the synthesis of pesticides.**
- d. None of the above**

**2018**



**2. Consider the following statements**

- 1. Most of the world's coral reefs are in tropical waters.**
- 2. More than one-third of the world's coral reefs are located in the territories of Australia, Indonesia and Philippines.**
- 3. Coral reefs host far more number of animal phyla than those hosted by tropical rainforests.**

**Which of the statements given above is/are correct ?**

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

# 2018



**3. The term “sixth mass extinction/sixth extinction” is often mentioned in the news in the context of the discussion of**

- a. Widespread monoculture practices in agriculture and large-scale commercial farming with indiscriminate use of chemicals in many parts of the world that may result in the loss of good native ecosystems.**
- b. Fears of a possible collision of a meteorite with the Earth in the near future in the manner it happened 65 million years ago that caused the mass extinction of many species including those of dinosaurs.**
- c. Large scale cultivation of genetically modified crops in many parts of the world and promoting their cultivation in other parts of the world which may cause the disappearance of good native crop plants and the loss of food biodiversity.**
- d. Mankind’s over-exploitation/misuse of natural resources, fragmentation/loss of natural habitats, destruction of ecosystems, pollution and global climate change.**

**2019**



**1. Consider the following statements:**

- 1. Asiatic lion naturally found in India only**
- 2. Double-humped camel is naturally found in India only**
- 3. One-horned rhinoceros is naturally found in India only**

**Which one of the statement given above is/are correct?**

- (a) 1 only**
- (b) 2 only**
- (c) 1 and 3 only**
- (d) 1, 2 and 3**

**2019**



**2. Consider the following statements:**

- 1. Some species of turtle are herbivores**
- 2. Some species of fish are herbivores**
- 3. Some species of marine mammals are herbivores**
- 4. Some species of snakes are viviparous**

**Which of the statement given above are correct?**

- (a) 1 and 3 only**
- (b) 2, 3 and 4 only**
- (c) 2 and 4 only**
- (d) 1, 2, 3 and 4**

**2019**



**3. Consider the following pairs :  
Wildlife: Naturally found in**

- 1. Blue finned mahseer : Cauvery river**
- 2. Irrawaddy dolphin : Chambal river**
- 3. Rusty spotted cats : Eastern ghats**

**Which one of the pair given above are correctly  
matched?**

- (a) 1 and 2 only**
- (b) 2 and 3 only**
- (c) 1 and 3 only**
- (d) 1, 2 and 3**

**2019**



**4. Consider the following statements :**

- 1. As per law, the Compensatory Afforestation Fund Management and Planning Authority exists at both National and State levels.**
- 2. People's participation is mandatory in the compensatory afforestation programmes carried out under the Compensatory Afforestation Fund Act, 2016.**

**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**

**2019**



5. Recently, there was a growing awareness in our country about the importance of Himalayan nettle (*Girardinia diversifolia*) because it is found to be a sustainable source of

- (a) anti-malarial drug
- (b) biodiesel
- (c) pulp for paper industry
- (d) textile fibre



**2019**



**6. In the context of which one of the following are the terms pyrolysis and plasma gasification mentioned?**

- (a) Extraction of earth element**
- (b) natural gas extractions technologies**
- (c) Hydrogen fuel based automobiles**
- (d) Waste to energy technologies**

2020



72. With reference to Indian elephants, consider the following statements :
1. The leader of an elephant group is a female.
  2. The maximum gestation period can be 22 months.
  3. An elephant can normally go on calving till the age of 40 years only.
  4. Among the States in India, the highest elephant population is in Kerala.

Which of the statements given above is/are correct ?

- (a) 1 and 2 only
  - (b) 2 and 4 only
  - (c) 3 only
  - (d) 1, 3 and 4 only
73. Which of the following Protected Areas are located in Cauvery basin ?
1. Nagarhole National Park
  2. Papikonda National Park
  3. Sathyamangalam Tiger Reserve
  4. Wayanad Wildlife Sanctuary

Select the correct answer using the code given below :

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

2020



Which of the following are the most likely places to find the musk deer in its natural habitat ?

1. Askot Wildlife Sanctuary
2. Gangotri National Park
3. Kishanpur Wildlife Sanctuary
4. Manas National Park

Select the correct answer using the code below :

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 3 and 4 only
- (d) 1 and 4 only

2020



If a particular plant species is placed under Schedule VI of The Wildlife Protection Act, 1972, what is the implication ?

- (a) A licence is required to cultivate that plant.
- (b) Such a plant cannot be cultivated under any circumstances.
- (c) It is a Genetically Modified crop plant.
- (d) Such a plant is invasive and harmful to the ecosystem.

2020



0. Among the following Tiger Reserves, which one has the largest area under “Critical Tiger Habitat” ?

- (a) Corbett
- (b) Ranthambore
- (c) Nagarjunsagar-Srisailam
- (d) Sunderbans

2020



95. With reference to India's Desert National Park, which of the following statements are correct ?

1. It is spread over two districts.
2. There is no human habitation inside the Park.
3. It is one of the natural habitats of Great Indian Bustard.

Select the correct answer using the code given below :

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

2020



4. With reference to India's biodiversity, Ceylon frogmouth, Coppermith barbet, Gray-chinned minivet and White-throated redstart are

- (a) Birds
- (b) Primates
- (c) Reptiles
- (d) Amphibians

75. Which one of the following protected areas is well-known for the conservation of a sub-species of the Indian swamp deer (Barasingha) that thrives well on hard ground and is exclusively graminivorous ?

- (a) Kanha National Park
- (b) Manas National Park
- (c) Mudumalai Wildlife Sanctuary
- (d) Tal Chhapar Wildlife Sanctuary

# Mains Qs



1. Not many years ago, river linking was a concept but it has become a reality in the country. Discuss the advantages of river linking and its possible impact on the environment.
2. 'Climate change' is a global problem. How India will be affected by climate change? How Himalayan and coastal states of India will be affected by climate change?
3. Discuss the 'Namami Gange' and National Mission for Clean Ganga (NMCG) programmes and causes of mixed results from the previous schemes. What quantum leaps can help preserve the river Ganga better than incremental inputs?
4. Should the pursuit of carbon credits and clean development mechanisms set up under UNFCCC be maintained even though there has been a massive slide in the value of a carbon credit? Discuss with respect to India's energy needs for economic growth.
5. Environmental Impact Assessment studies are increasingly undertaken before a project is cleared by the Government. Discuss the environmental impacts of coal-fired thermal plants located at coal pitheads.
6. What is water-use efficiency? Describe the role of micro-irrigation in increasing the water-use efficiency.