

**PRELIMS SPECIAL – 48 (FOR UPSC CSE 2018)**

1. Consider the following statements:
  1. Ansupa is Odisha's largest freshwater lake.
  2. Ansupa is an oxbow lake of river Mahanadi.
  3. Ansupa is the wintering ground of migratory birds.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) All of the above
2. Consider the following statements:
  1. Water striders are small insects that are adapted for life on top of still water.
  2. Water striders are a good indicator of polluted water.
  3. Water striders feed on mosquitoes to larvae.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) All of the above
3. Water striders use which of the following phenomenon to walk on the surface of water?
  - (a) Surface tension
  - (b) Osmosis
  - (c) Kinetic Energy
  - (d) Diffusion
4. Which of the following States has decided to declare jackfruit as its State fruit?
  - (a) Sikkim
  - (b) Meghalaya
  - (c) Odisha
  - (d) Kerala
5. Consider the following statements about the spot-billed pelicans:
  1. The breeding population of these pelican species is limited to India, Sri Lanka and Cambodia.
  2. The breeding season of these pelican species varies between October to May.
  3. The IUCN (International Union for Conservation of Nature) has listed these pelican species as endangered.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) All of the above
6. Consider the following statements about the Biochemical oxygen demand (BOD):
  1. The greater the BOD, the lower the amount of dissolved oxygen available for higher animals such as fishes.
  2. The BOD is a reliable gauge of the inorganic pollution of a body of water.



3. A government official.
4. A transgender person.

Select the correct answer using the code given below:

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

12. Major concerns for human health for exposure to PM10 includes:

1. Effect on breathing and respiratory systems
2. Damage to lung tissue
3. Cancer
4. Premature death

Select the correct answer using the code given below:

- (a) 1, 2 and 3 only
- (b) 1, 3 and 4 only
- (c) 2, 3 and 4 only
- (d) All of the above

13. Consider the following statements about the Environmental Performance Index (EPI) 2018:

1. India has been ranked 177 among 180 countries in the Environmental Performance Index (EPI) 2018.
2. The report has ranked India as worst country worldwide in curbing environmental pollution.
3. The EPI rankings were published on the sidelines of the World Economic Forum in Davos.

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) All of the above

14. The Central Bureau of Narcotics works under the:

- (a) Ministry of Home Affairs
- (b) Ministry of Corporate Affairs
- (c) Ministry of Finance
- (d) Ministry of Health and Family Welfare

15. The Mahanadi river basin is spread over which of the following States?

1. Jharkhand
2. Maharashtra
3. Andhra Pradesh
4. Odisha

Select the correct answer using the code given below:

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

- (d) 1, 2 and 4 only
16. Consider the following statements about the draft National Forest Policy 2018:
1. It proposes a green tax for facilitating ecologically responsible behaviour.
  2. It suggests launching a national forest streams revival programme in mission mode to tackle the water crisis.
  3. It does not suggest any new body for better management of the country's forests.
- Select the correct answer using the code given below:
- (a) 1 and 2 only
  - (b) 1 and 3 only
  - (c) 2 and 3 only
  - (d) None of these
17. The conditions of the earth atmosphere conducive for the origin of life were:
- (a) Presence of high temperature, CH<sub>4</sub>, NH<sub>3</sub>, and O<sub>3</sub>
  - (b) High temperature, CH<sub>4</sub>, NH<sub>3</sub>, volcanic eruption
  - (c) High temperature, volcanic eruption, O<sub>2</sub>, NH<sub>3</sub>
  - (d) Volcanic eruption, CH<sub>3</sub>, NH<sub>3</sub> and O<sub>2</sub>
18. Virus-free plants can be raised in vitro from:
- (a) Any plant part
  - (b) Meristems of infected plants
  - (c) Stem of infected plants
  - (d) Leaves of infected plants
19. An inverted Pyramid of Biomass is represented by:
- (a) Aquatic ecosystem
  - (b) Ecosystem of a big tree
  - (c) Grassland ecosystem
  - (d) Tropical fresh ecosystem
20. Some of the problems that have come in the wake of green revolution are:
- (a) Water logging and permafrost
  - (b) Soil erosion and desertification
  - (c) Water logging and soil salinity
  - (d) Snow blindness and water logging

## ANSWER KEYS

01 d 02 c 03 a 04 d 05 a 06 a 07 d 08 c 09 d 10 d  
11 b 12 d 13 b 14 c 15 d 16 d 17 b 18 b 19 a 20 c