

1. Consider the following statements regarding National Ganga Council:
 1. Prime Minister of India is the chairperson of National Ganga Council.
 2. The Council has been given overall responsibility for superintendence of pollution prevention and rejuvenation of River Ganga Basin, including Ganga and its tributaries.Which of the statements given above is/are NOT CORRECT?
 - a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2**
2. Consider the following statements regarding Clean Ganga Fund:
 1. Setting up of waste treatment and disposal plants along the river around the cities is one of the activities funded by Clean Ganga Fund.
 2. Non-Resident Indians (NRIs) can also contribute to the Clean Ganga Fund.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
3. Which of the following are NOT CORRECTLY matched:

National Park	::	State in which it is located
1. Sanjay Gandhi National Park	::	Uttar Pradesh
2. Mukurthi National Park	::	Telangana
3. Bannerghatta National Park	::	Karnataka
4. Madhav National Park	::	Rajasthan

Select the correct answer using the code given below:
 - a) 1 only
 - b) 1, 2 and 4 only**
 - c) 1,2 and 3 only
 - d) 2 only
4. "India – Spearheading Climate Solutions" publication is released by:
 - a) Union Ministry of Environment, Forest and Climate Change**
 - b) NITI Aayog
 - c) UNFCCC
 - d) World Bank
5. Consider the following statements:
 1. One of the primary components of photochemical smog is ozone.
 2. ASH TRACK mobile application tracks the ozone levels of a particular area.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
6. Western Ghats has very rich biodiversity as compared to Eastern Ghats, because –
 1. Western Ghats are continuous mountains.
 2. Western Ghats is area of high orographic precipitation.
 3. Many major rivers have its source at Western Ghats.Select the correct answer using the codes given below:
 - a) 2 only
 - b) 2 and 3 only
 - c) 1 and 3 only
 - d) 1, 2 and 3**
7. The kurinji flower, that blooms every 12 years in the Western Ghats and the Nilgiris are called...
 - a) Hardy flowering plants
 - b) Half-hardy flowering plants
 - c) Gregarious flowering plants**
 - d) Non-gregarious flowering plants

8. Consider the following statements regarding Biosphere Reserves:
1. The core area should be large enough to sustain viable population of all trophic levels.
 2. All biosphere reserves of India are under the MAB programme of UNESCO.
- 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
9. Consider the following regarding 'Conservation International'
1. It is an international organization under United Nation Environment Program (UNEP) that aims to help stabilize global climate, protect fresh water, and ensure human well-being.
 2. Biodiversity Hotspots is an initiative of Conservation International.
- 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
10. In order to name a biodiversity hotspot, which of the following criteria is not taken into account?
- a) Endemism
 - b) Biodiversity loss
 - c) **Lesser inter – species competition**
 - d) Species richness
11. Consider the following statements regarding ITER (International Thermonuclear Experimental Reactor):
1. ITER is a large-scale scientific experiment intended to prove the viability of fission as an energy source.
 2. India is also one of the partner countries in building this reactor.
- Which of the statements given above is/are NOT CORRECT?
- a) **1 only**
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2
12. Consider the following statements:
1. In Nuclear fission, the nucleus of a heavy atom is bombarded with low-energy neutrons.
 2. Nuclear fission reactions are the source of energy in the Sun.
- 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
13. Consider the following statements:
1. The hydrogen bomb is based on thermonuclear fusion reaction.
 2. A nuclear bomb based on the nuclear fusion of uranium or plutonium is placed at the core of the hydrogen bomb.
- 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
14. Consider the following statements:
1. Uranium ore mined in India are of very low grade as compared to those available in other countries.
 2. Uranium Corporation of India Limited is a Public Sector Enterprise under the Ministry of Mines.
- Which of the statements given above is/are NOT CORRECT?
- a) 1 only
 - b) **2 only**
 - c) Both 1 and 2
 - d) Neither 1 nor 2

15. Consider the following statements:
1. Nuclear Power Corporation of India Limited (NPCIL) is a Public Sector Enterprise under the administrative control of the Department of Atomic Energy (DAE).
 2. NPCIL is responsible for design, construction, commissioning and operation of nuclear power reactors.
- 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
16. Which of the following is/are the applications of biotechnology:
1. Therapeutics and Diagnostics
 2. Genetically modified crops for agriculture
 3. Bioremediation and waste treatment
 4. Energy production
- Choose the correct answers using the codes given below.
- a) 1, 2 and 3 only
 - b) 2, 3 and 4 only
 - c) 1 and 2 only
 - d) 1, 2, 3 and 4**
17. Consider the following statement about induced pluripotent stem cells (iPSC).
1. They are derived from embryonic stem cells.
 2. The tissues derived from these iPSC can avoid rejection by the immune system.
- 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
18. Which of the following reasons make Escherichia coli suitable for gene cloning?
1. The E. coli genome was the first to be completely sequenced
 2. It grows slowly for days and gives a stable condition for observation
 3. E. coli is naturally found in the intestinal tracts of humans and animals
- Select the correct answer using the code given below:
- a) 1 only
 - b) 2 and 3 only
 - c) 1 and 3 only**
 - d) 1, 2 and 3
19. Consider the following statements with regard to Atomic Energy Regulatory Board (AERB)
1. AERB is engaged in the development of nuclear power technology, applications of radiation technologies in the fields of agriculture, medicine, industry, and basic research.
 2. The regulatory authority of AERB is derived from the rules and notifications promulgated under the Atomic Energy Act and the Environment (Protection) Act, 1986.
 3. The AERB reports to the Atomic Energy Commission.
- Which of the statements given above is/are correct
- a) 1 only
 - b) 1 and 2 only
 - c) 2 and 3 only**
 - d) 1, 2 and 3
20. Consider the below statement with regard to human genome sequencing:
1. India is among the league of countries who have demonstrated the capability of mapping all the genes of a human.
 2. The world's first human genome sequence was completed in 2003 by the International Human Genome Project, to which Indian scientists had also contributed.
- Which of the statements given above is/are NOT CORRECT?
- a) 1 only
 - b) 2 only**
 - c) Both 1 and 2
 - d) Neither 1 nor 2

21. Consider the following statements:

1. The Rohini Commission was constituted to submit its report on Sub-categorisation of Other Backward Classes (OBCs).
2. Article 340 deals with the appointment of a commission to investigate the conditions of backward classes.

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

22. Consider the following statements:

1. The Square Kilometre Array Observatory (SKAO) is an intergovernmental organisation dedicated to radio astronomy.
2. India is not a member of SKAO
3. SKAO is headquartered in the United Kingdom.

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

23. Consider the following statements about Advanced Medium Combat Aircraft:

1. It is a fifth generation aircraft designed for stealth purposes.
2. It will be India's first twin engine aircraft project.

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

24. Consider the following statements about GOBAR-Dhan Scheme:

1. It is launched by the Ministry of New and Renewable Energy.
2. The is implemented as a part of Swachh Bharat Mission (Grameen and Urban).

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**

25. Which of the following are correct about Government securities (G-secs)?

1. G-secs can be issued by the Central Government only.
2. The Central Government can issue both treasury bills and bonds while the State Governments can issue only bonds.
3. G-secs are risk-free gilt-edged instruments.

Select the correct answer using the code given below:

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