

POL, GEO, CA

1. Consider the following statements about Fly Ash.
 1. Fly ash is the end product of combustion during the process of power generation in the coal based thermal power plants.
 2. Fly ash can be used in combination with other alkaline materials to transform sewage sludge into organic fertilizer or biofuel.

Which of the above statements is/are incorrect?

- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2**
2. Consider the following statements
 1. All the G-8 countries are members of G-20
 2. All the G-7 countries are members of G-20
 3. Russia is the only common country between G-8 and G-20

Choose the correct statement/s using the codes given below

- (a) 1 and 2 only
 - (b) 2 only
 - (c) 1 and 3 only
 - (d) All of the above**
3. The Uday Kotak committee was in the news, what is the rationale behind it?
 - (a) Merger of Banks
 - (b) Non-Performing Assets
 - (c) Corporate Governance**
 - (d) E – Governance
 4. The extreme of temperature between summer and winter is quite low in southern part of Peninsular India mainly because:
 - (a) The adjoining oceans moderate the temperature**
 - (b) The sky is generally cloudy
 - (c) The sun's rays are almost vertical throughout the year
 - (d) Strong winds flow throughout the year
 5. Mumbai receives more rainfall than Pune because:
 - (a) Mumbai is on the windward side**
 - (b) Pune is at a greater elevation
 - (c) Mumbai is a coastal city
 - (d) Pune has greater vegetation than Mumbai
 6. The typical area of sal forest in the Indian peninsular upland occurs
 - (a) On the western ghats
 - (b) Between the Tapti and the Narmada
 - (c) To the north-east of the Godavari
 - (d) On the Malwa plateau**
 7. Which of the following forest types and trees is matched wrongly ?
 - (a) Evergreen-Ebony, Rosewood
 - (b) Coniferous – Deodar, Walnut
 - (c) Tidal – Mango**
 - (d) Deciduous –Sal, Sandalwood
 8. Which one of the following states in India has the largest area under forest ?
 - (a) Himachal Pradesh
 - (b) Madhya Pradesh**
 - (c) Assam
 - (d) Kerala
 9. Which of the following characteristics are associated with the dry monsoon forest of India?
 1. Annual rainfall is below 50 cm
 2. The trees are short rooted
 3. Thorny shrubs and grassland
 4. Mango, Mahua, Sisam and Keeker are the prominent trees.
 - (a) 1 and 2
 - (b) 2 and 4
 - (c) 3 and 4**
 - (d) 1, 2 and 3

10. Which region provides most of the sandalwood in India?
 (a) Madhya Pradesh
 (b) Odisha
 (c) **Karnataka**
 (d) Kerala
11. Which of the following forests are found in the Western Ghats, hills of the north eastern region and the Andaman and Nicobar Islands ?
 (a) Tropical Thorn Forests
 (b) Tropical Deciduous Forest
 (c) **Tropical Evergreen Forests**
 (d) Montane Forests
12. Consider the following statements about Asia-Pacific Institute for Broadcasting Development (AIBD)
 1. The United Nations Development Programme (UNDP) is one of the founding organisations of AIBD institute.
 2. UNESCO is a voting member of the General Conference of the institute.
 3. The institute is hosted by the Government of Malaysia.
 4. Full membership of the AIBD is confined to sovereign states only.

Which of the above statement/s is /are correct?

- (a) 1 and 2 only
 (b) 2,3 and 4 only
 (c) **1,3,4 only**
 (d) 3 and 4 only
13. The alpine vegetation in the Western Himalayas is found only up to a height of 3000 metres while in the Eastern Himalayas it is found up to a height of 4000 metres. The reason for this variation in the same mountain range is that:
 (a) Eastern Himalayas are higher than Western Himalayas
 (b) Eastern Himalayas are nearer to the equator and sea coast than the Western Himalayas.
 (c) **Eastern Himalayas get more monsoon rainfall than the Western Himalayas.**
 (d) Eastern Himalayan rocks are more fertile than the Western Himalayan rocks.
14. The oldest rocks in India are reported from ?
 (a) Shivalik range, Punjab
 (b) **Dharwar region, Karnataka**
 (c) Vindhyan range, Madhya Pradesh
 (d) Aravalli range, Rajasthan
15. Which one of the following is the appropriate reason to considering the Gondwana rocks as most important of rock systems of India?
 (a) More than 90% of limestone reserves of India are found in them
 (b) **More than 90% of India's coal reserves are found in them**
 (c) More than 90% of fertile black cotton soils are spread over them
 (d) None of the reasons given above is appropriate in this context.
16. NIPUN Bharat Mission is related to which of the following?
 (a) Child stunting
 (b) Child wasting
 (c) **Child literacy**
 (d) Both a and b
17. Which of the following are included in the list of fundamental duties in the Constitution?
 1. To abide by the Constitution and respect its ideas and institutions
 2. To safeguard public property and to abjure violence
 3. To uphold and protect the sovereignty, unity and integrity of India
 4. To uphold and protect secularism
- Select the correct answer using the codes given below:
 (a) 1, 3 and 4
 (b) (1, 2 and 4
 (c) 2, 3 and 4
 (d) **1, 2 and 3**
18. Which one of the following is the time limit for the ratification of an emergency period by Parliament?
 (a) **1 month**
 (b) 14 days
 (c) 3 months
 (d) 6 months

19. Which of the following is/are extra-constitutional and extra-legal device(s) for securing co-operation and coordination between the states in India?

1. NITI Ayog
2. The Governor's Conference
3. Zonal councils
4. The Inter-state council

Choose the correct answer using the codes given below

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

20. Delimitation of constituencies and determination of constituencies reserved for Scheduled Castes and Scheduled Tribes are done by which of the following body?

- (a) Election Commission
- (b) **Delimitation Commission**
- (c) Election with the assistance of Delimitation Commission
- (d) None of the above

21. A member of UPSC may be removed on the ground of mis behavior by whom?

- (a) Both the houses of Parliament by way of Impeachment
- (b) A resolution passed by the Rajyasabha by 2/3rd majority of members present and voting
- (c) **The President on the basis of Inquiry by the Supreme Court**
- (d) The PM on the basis of the recommendation of the Cabinet.

22. Consider the following statements with regard to the Finance Commission:

1. The recommendations of the Finance Commission cover a period of five years.
2. The Report of the Finance Commission is submitted to the Prime Ministers.

Which of the statements given above is/are correct?

- (a) **Only 1**
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

23. The Parliament can legislate on a subject in the state list by which of the following circumstances?

- (a) By the wish of the president
- (b) **If the Rajya Sabha passes such a resolution**
- (c) Under any circumstances
- (d) By asking the legislature of the concerned state

24. Which of the following statements best describe the Hayabusa-2 mission, recently seen in news?

- (a) Mission for exploring the south pole of the Moon
- (b) Mission to study the sun's outer most layers
- (c) **Mission to study the asteroid Ryugu**
- (d) Mission to understand the dynamics of the Sun-Earth connection

25. Consider the following statements regarding Polio.

1. *Polio* affects mainly children under five years of age.
2. *More than 50 percent of those* infected with polio leads to irreversible paralysis.
3. There is no cure for polio, but it is entirely preventable.

Which of the above statements is/are correct?

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