

MOCK TEST 18

- 20 The “H-Index” was in news sometime back. It is used to calculate**
- Average change in a region’s temperature due to an adjoining Ocean current
 - Productivity and citation impact of the publications of a scientist or scholar
 - Extent of Hunger and malnutrition within a country
 - Coverage of Green Housing in a “Smart City”
- 21 Which of the following is the western most and the longest tributary of the Ganga?**
- Yamuna
 - Alaknanda
 - Gandaki
 - Mandakini
- 22 Why geometric mean is used in the computation of Human Development Index (HDI) rather than the earlier methodology of arithmetic mean?**
- It ensures that low achievement in one dimension is not anymore linearly compensated for by high achievement in another dimension.
 - It ensures that the geometric mean captures qualitative aspects of human development indicators while incorporating environmental sustainability.
- Which of the above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - None
- 23 Arrival of southwest monsoons after Summer Solstice leads to which of the following phenomenon in India?**
- The temperature at tropics becomes higher than that of regions near equator.
 - Brings Western Disturbances to India
- Which of the above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - None
- 24 Crop Residue Burning (CRB) has been identified as a major health and environmental hazard in Punjab and Haryana. Which of the following could be the possible reason(s) behind CRB being such a hazard?**
- It causes loss of vital components from topsoil reducing its productivity.
 - It emits toxic metals like lead and arsenic which raises Particulate Matter (PM) concentrations in the field and adjoining areas.
- Which of the above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - None
- 25 The tributaries of Dakshin Ganga (so called) run through which of the following states?**
- Maharashtra
 - Madhya Pradesh
 - Chhattisgarh
 - Orissa
- Select the correct answer using the codes below.
- 1 and 3 only
 - 2, 3 and 4 only
 - 1, 2, 3 and 4
 - 1 and 4 only
- 26 The North Eastern Council is headed by the**
- President of India
 - Prime Minister
 - Union Home Minister
 - Minister of State, Ministry for Development of North Eastern Region (DoNER)
- 27 India and Bangladesh have signed several milestone agreements for enhancing inland and coastal waterways connectivity between the two countries for trade and cruise movements. Which of the following ports/nodes are being covered in such agreements?**
- Pangaonin
 - Chattogram
 - Mongla
 - Ramghat
- Select the correct answer using the codes below.
- 1, 2 and 3 only
 - 1, 2, 3 and 4
 - 2 and 4 only
 - 1 and 3 only
- 28 With reference to climatic distribution in India, consider the following statements.**
- Most parts of India get rainfall during June-September, but on the coastal areas of Tamil Nadu, it rains in the beginning of the winter season.
 - The Himalayas protect us from the chilly winds originating near the Arctic circle which blow across central and eastern Asia.
 - The windward sides of Western Ghats and Assam receive high rainfall during June-September whereas the southern plateau remains dry due to its leeward situation along the Western Ghats.
- Select the correct answer using the codes below.
- 1 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3