

## MOCK TEST 18

- 20 The “H-Index” was in news sometime back. It is used to calculate**  
A. Average change in a region’s temperature due to an adjoining Ocean current  
B. Productivity and citation impact of the publications of a scientist or scholar  
C. Extent of Hunger and malnutrition within a country  
D. Coverage of Green Housing in a “Smart City”
- 21 Which of the following is the western most and the longest tributary of the Ganga?**  
A. Yamuna                      B. Alaknanda                      C. Gandaki                      D. Mandakini
- 22 Why geometric mean is used in the computation of Human Development Index (HDI) rather than the earlier methodology of arithmetic mean?**  
1. It ensures that low achievement in one dimension is not anymore linearly compensated for by high achievement in another dimension.  
2. It ensures that the geometric mean captures qualitative aspects of human development indicators while incorporating environmental sustainability.  
Which of the above is/are correct?  
A. 1 only                      B. 2 only                      C. Both 1 and 2                      D. None
- 23 Arrival of southwest monsoons after Summer Solstice leads to which of the following phenomenon in India?**  
1. The temperature at tropics becomes higher than that of regions near equator.  
2. Brings Western Disturbances to India  
Which of the above is/are correct?  
A. 1 only                      B. 2 only                      C. Both 1 and 2                      D. 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?**  
1. It causes loss of vital components from topsoil reducing its productivity.  
2. 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?  
A. 1 only                      B. 2 only                      C. Both 1 and 2                      D. None
- 25 The tributaries of Dakshin Ganga (so called) run through which of the following states?**  
1. Maharashtra                      2. Madhya Pradesh                      3. Chhattisgarh                      4. Orissa  
Select the correct answer using the codes below.  
A. 1 and 3 only                      B. 2, 3 and 4 only                      C. 1, 2, 3 and 4                      D. 1 and 4 only
- 26 The North Eastern Council is headed by the**  
A. President of India                      B. Prime Minister  
C. Union Home Minister  
D. 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?**  
1. Pangaonin                      2. Chattogram                      3. Mongla                      4. Ramghat  
Select the correct answer using the codes below.  
A. 1, 2 and 3 only                      B. 1, 2, 3 and 4                      C. 2 and 4 only                      D. 1 and 3 only
- 28 With reference to climatic distribution in India, consider the following statements.**  
1. 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.  
2. The Himalayas protect us from the chilly winds originating near the Arctic circle which blow across central and eastern Asia.  
3. 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.  
A. 1 only                      B. 2 and 3 only                      C. 1 and 3 only                      D. 1, 2 and 3