

**PRELIMS SPECIAL – 13 (FOR UPSC CSE 2018)**

1. Consider the following statements:
  1. Meteorological drought is a situation when the availability of water in different storages and reservoirs falls below what the precipitation can replenish.
  2. Agricultural drought refers to circumstances when soil moisture is insufficient and results in the lack of crop growth and production.

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
2. Which of the following is/are correct about river Kaveri?
  1. It rises in the Brahmagiri range of the Western Ghats.
  2. Its tributaries comprise of Amravati, Bhavani, Hemavati and Kabini.
  3. It passes through Karnataka and Tamil Nadu only.

Select the correct answer using the codes given below.

(a) 3 only                      (b) 2 and 3 only  
(c) 1 and 2 only              (d) 1, 2 and 3
3. Yamuna River has Peninsular and non- Peninsular tributaries. Which of the following is/are Non - Peninsular Tributaries of River Yamuna?
  1. Tons
  2. Betwa
  3. Chambal
  4. Sind

Select the correct answer using the codes given below.

(a) 1 only                      (b) 1, 2 and 3 only  
(c) 3 and 4 only              (d) 1, 2, 3 and 4
4. "The production of this crop accounts for only about 0.5 per cent of total cropped area in India. Bihar, Assam and West Bengal are the main producers of this crop. West Bengal accounts for about three-fourth of the total production of the country."  
Which among of the following crops is being described in the above passage?
 

(a) Rice                      (b) Jute  
(c) Jowar                      (d) Pulses
5. Consider the following statements:
  1. A co-operative farming can be state enforced unlike collective farming.
  2. Unlike the co-operative farming, all farmers have equal power in collective farming.
  3. In collective farming, farmers own the pieces of land collectively not individually.

Which of the statements given above is/are correct?

(a) 2 and 3 only              (b) 2 only  
(c) 1 and 2 only              (d) 1, 2 and 3
6. Which of the following is/are governed by the Relative Humidity of the air in a particular location?
  1. Amount and rate of evaporation
  2. The nature and types of cloud formation and precipitation

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

7. Which of the following statement is incorrect?
  - (a) The North Equatorial Current flows from east to west along the equator.
  - (b) The South Equatorial Current flows from east to west.
  - (c) The confluence of cold and warm currents are the most important fishing ground in the world.
  - (d) The West Wind Drift is an ocean current that flows from west to east around the Antarctica.
8. To form a cyclonic or frontal rain, in which sequence the below activities should happen?
  1. Cold air pushes warm air
  2. Warm air rises above the cold air
  3. Convergence of cold and warm air
 Select the correct answer using the codes given below.
  - (a) 1-2-3
  - (b) 3-1-2
  - (c) 3-2-1
  - (d) 2-3-1
9. Consider the following statements:
  1. Winds in the northern hemisphere are always deflected to their right.
  2. Frequency of hurricanes increases during El Nino years in the Caribbean Sea and Atlantic Ocean.
 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. Which among of the following is the primary reason behind the Monsoon type of climate?
  - (a) Continentality of the region
  - (b) Difference in the heating and cooling of land and sea
  - (c) Presence of physical barriers in wind movement
  - (d) Absence of Coriolis force
11. The earthquakes near the Himalayan region are generally triggered due to the collision between
  - (a) Indian plate and Central Asian Plate
  - (b) Indian Plate and Eurasian plate
  - (c) Indo-Eurasian plate and Central Asian plate
  - (d) Indo-Australian and Asian plates.
12. Consider the following statements:
  1. Tropical cyclones move from east to west.
  2. Tropical cyclones becomes stronger while moving over the land areas.
 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 natural hazards:
  1. Tsunami
  2. Intense ground shaking
  3. Landslides
 Which of the above can be triggered by an earthquake?
  - (a) 2 only
  - (b) 1 and 2 only
  - (c) 1 and 3 only
  - (d) 1, 2 and 3
14. Consider the following statements:
  1. Earthquakes is caused by only divergent plate boundaries.
  2. P waves travel faster than both S waves and Surface waves
  3. Time and location of most major earthquakes can be predicted several days in advance.

Which of the statements given above is/are correct?

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

15. Consider the following pairs:

1. Gobi: Covered by sandy soil and areas of small stones
2. Iranian: Covered by coarse gray soil, stony pavement, and salt flats.
3. Atacama: Covered by sand dunes and pebbles. One of the driest areas on earth

Which of the pairs given above is/are correctly matched?

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

16. Consider the following statements:

1. Mid-Latitude Desert Climate is rainless only due to the continentality.
2. Xerophyte or drought-resistant shrubs are found in both hot and mid- latitude deserts.
3. Major hot deserts of the world are located on the western coasts of continents.

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

17. With reference to cyclones and anticyclones, consider the following statements:

1. Both cyclones and anticyclones are associated with clouds, rain and thunderstorms.
2. Cyclones represent areas of low pressure, while anticyclones represent areas of high pressure.

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. Consider the following statements

1. The thickness Troposphere is greater at the equator.
2. The radio waves transmitted from the earth are reflected back to the earth by the Thermosphere.
3. The Atmospheric pressure at a given point is determined by both altitude and temperature.

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

19. Mists are frequent over mountains, because

- (a) the cold currents come in contact with warm currents
- (b) the cold air streams across the warm lakes located in the mountains
- (c) the adiabatic cooling of air below its dew point.
- (d) the rising warm air up the slopes meets a cold surface

20. When there is a neap tide in the sea, it implies

1. there is new and full moon
2. the sun and moon are at right angles to each other

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

**ANSWER KEYS**

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

VANIK-IAS