



CSE PRELIMS 2020

TEST -V (GEOGRAPHY)

1. We observe various optical phenomenon in atmosphere. Consider the following statements regarding them:

1. The red colour of the rising and setting sun is result of refraction of light.
2. The blue colour of sky is result scattering of light.

Which among the above statement is/are **correct**:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: b) (reference- NCERT CLASS-XI-Fundamentals of physical geography- page no.80)

- The red colour of the rising and setting sun is and the blue colour of sky is result of **scattering** of light.

2. Consider the following statements with reference to depositional feature of desert areas.

1. Barchans are crescent shaped dunes with the wings directed in the same direction of wind.
2. Transverse dunes are aligned at right angle to wind direction.

Which among the above statement is/are **incorrect**?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: a) (reference- NCERT CLASS-XI-Fundamentals of physical geography- page no.73)

- **Barchans** are crescent shaped dunes with the wings directed away from direction of wind.
- **Parabolic** dunes form when sandy surfaces are partially covered with vegetation. These are reverse barchans with wind direction being the same.
- **Seif** is similar to barchan with only one wing.
- **Longitudinal** dunes are aligned in the direction of the wind.

3. Which of the following are not erosional landforms formed due to rivers?

1. Natural Levees
2. Alluvial Fans
3. Entrenched Meanders
4. Plunge Pools
5. Point Bars

Select the correct answer using the code given below:

- a) 1, 2 and 3 only
- b) 1, 2 and 5 only
- c) 2, 3 and 4 only
- d) 1, 2, 3, 4 and 5

Ans: b) (reference- NCERT CLASS-XI-Fundamentals of physical geography- page no. 61 and 62)

| Erosional landforms | Depositional landforms |
|---|--|
| <ul style="list-style-type: none"> ➤ Valleys ➤ Gorges ➤ Canyons ➤ Potholes ➤ Plungepools ➤ Incised or entrenched meanders ➤ River terraces | <ul style="list-style-type: none"> ➤ Alluvial Fans ➤ Deltas ➤ Floodplains ➤ Natural Levees ➤ Point Bars ➤ Ox-bow lakes ➤ Braided Channels |

4. Which of the following oceanic landform is not included in continental margins?
- Continental slope
 - Continental shelf
 - Abyssal plains
 - Continental rise

Ans: c) (reference- NCERT CLASS-XI-Fundamentals of physical geography- page no.32)

- Continental margins include **continental shelf, continental slope, continental rise and deep-oceanic trenches.**
- Abyssal plains are extensive plains that lie between the continental margins and mid-oceanic ridges.

5. Which of the following is an incorrect statement?
- The vertical heating of atmosphere in the form of currents is known as convection.
 - The transfer of heat through horizontal movement of air is known as advection.
 - The local winds such as land and sea breeze are manifestation of convection process.
 - Most of the diurnal changes in temperature in middle latitude are caused by advection process.

Ans: c) (reference- NCERT CLASS-XI-Fundamentals of physical geography- page no.80)

- The local winds such as land and sea breeze are manifestation of **advection** process.

6. Consider the following statements with reference to land-use categories as maintained by the Land Revenue Record.

- Culturable wasteland is any land which is left fallow for more than five years.
- Current Fallow land is the one which is left without cultivation for one or less than one agricultural year.

Which among the above statement is/are **correct**?

- 1 only
- 2 only

- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: c) (reference-NCERT-CLASS XII-India human geography- page no. 41)

7. Consider the following statements with reference to Grand Trunk Road.
1. During British period, it connected Calcutta and Lahore.
 2. At present, it extends from Amritsar to Delhi (NH-1) and Delhi to Kolkata (NH-2).

Which among the above statement is/are **correct**?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: b) (reference-NCERT-CLASS XII-India human geography- page no.114)

- During British period, it connected Calcutta and **Peshawar**.

8. With reference to location of Indian Island groups, consider the following statements.

1. Andaman and Nicobar islands are separated by Ten degree channel.
2. Lakshadweep and Minicoy islands are divided by Eleventh degree channel.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: c) (reference-NCERT-CLASS XII-India physical geography- page no.19 and mapping)

9. Consider the following statements with reference to The Inter Tropical Convergence Zone (ITCZ).

1. The ITCZ is located between $5-10^{\circ}$ North and South of equator.
2. It is also a region of doldrums.
3. It moves towards north and south with apparent movement of the Sun.

Which among the above statement is/are **correct**?

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

Ans: d) (reference- NCERT-CLASS XII-India physical geography- page no.37)

- **ITCZ:** It plays an important role in Indian Monsoon phenomenon.

10. Which among the following is/are the reasons for excessive cold in north India during winter season.

- 1. It is due to effect of continentality.
- 2. The snowfall in the nearby Himalayan ranges creates cold wave situation.

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: c) (reference-NCERT-CLASS XII-India physical geography- page no.40)

- **Continentality effect:** when areas are away from the sea coasts, there is less moderating effect on temperatures of region. Therefore, north Indian states experience extreme temperatures.

11. Consider the following statements with reference to local winds in India.

- 1. Blossom showers help in blossoming of coffee flowers in Kerala.
- 2. Nor Westers are evening thunderstorms in Bengal and Assam states.

Which among the above statement is/are **correct**?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: c) (reference-NCERT-CLASS XII-India physical geography- page no.45)

- **Nor Westors:** Local names of these thunderstorms in Bengal as Kalbaisakhi and in Assam as Bardoli Chheerha.

12. Which among the following regions in India has the 'As' type of climate according to Koeppen's scheme of climatic regions of India?

- a) North-West Gujarat and some parts of Rajasthan.
- b) Extreme western Rajasthan.
- c) Arunachal Pradesh
- d) Coromandel coast of Tamil Nadu.

Ans: d) (reference-NCERT-CLASS XII-India physical geography- page no.53)

13. The tree species like magnolia, laurel, cinchona and wattle are found in which of the following type of forests in India?

- a) Littoral and swamp forests.
- b) Montane forests of Himalaya.
- c) Montane forest of Peninsular India.
- d) Tropical Thorn forests.

Ans: c) (reference-NCERT-CLASS XII-India physical geography- page no.60)

- These trees have economic significance.

14. Consider the following statements with reference to a Storm surge.

1. It is generated due to interaction of air, sea and land.
2. The cyclone provides the driving force in the form of very high horizontal pressure gradient.

Which among the above statement is/are **correct**?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: c) (reference-NCERT-CLASS XII-India physical geography- page no.86)

- The sea water flows across the coast along with strong winds and heavy downpour.

15. Which among the following can be considered as pull factors for migration of people?

1. Better job opportunities.
2. Better living conditions.
3. Peace and stability.
4. Unpleasant climate.
5. Security of life and property.

Select the correct answer using the code given below:

- a) 1, 2 and 3 only
- b) 1, 2, 4 and 5 only
- c) 1, 2, 3 and 5 only
- d) 1, 2, 3, 4 and 5

Ans: c) (reference-NCERT-CLASS XII- fundamentals of human geography- page no.11 and 12)

- **Push factors:** Unemployment, poor living conditions, political turmoil, unpleasant climate, natural disasters, epidemics and socio-economic backwardness.
- **Pull factors:** better job opportunities and living conditions, peace and stability, security of life and property and pleasant climate.

16. Which among the following can be considered as four pillars of Human Development?

- a) Equality, sustainability, productivity and empowerment
- b) Equity, sustainability, productivity and empowerment.
- c) Justice, equality, fraternity and sustainability.
- d) Justice, equity, empowerment and sustainability.

Ans: b) (reference-NCERT-CLASS XII- fundamentals of human geography- page no.25)

17. Consider the following statements.

1. The part of the chewing gum after the flavour is gone is called Chicle.
2. Chicle is made from the milky juice of Jatropha tree.

Which among the above statement is/are **correct**?

- a) 1 only
- b) 2 only

- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: a) (reference-NCERT-CLASS XII- fundamentals of human geography- page no.32)

- Chicle is made from the milky juice of **Zapota tree**. (Statement 2 is incorrect)
- **Jatropha:** Its leaves are poisonous. So are its little football-shaped fruit pods. But inside those pods are several black seeds, each one about twice the size of a coffee bean. Crushing those seeds will get oil. The oil is good for making soap, burning in lamps — or converting into diesel fuel.

18. Which among the following best explains Truck farming.

- a) The type of farming where farmers specialise in vegetables only.
- b) The type of farming where farmers specialise in fruits only.
- c) The type of farming where farmers use large scale mechanisation in their farms.
- d) The type of farming where farmers specialise in fruits and vegetables.

Ans: a) (reference-NCERT-CLASS XII- fundamentals of human geography- page no.40)

- The distance of truck farms from the market is governed by the distance that a truck can cover overnight, hence the name truck farming.
- **Factory farming (additional information):** Livestock, particularly poultry and cattle rearing, is done on stalls and pens, fed on manufactured feedstuff and carefully supervised against diseases. It involves appropriate breed selection and scientific breeding.

19. The Kolkhoz model of farming introduced in erstwhile USSR refers to which of the following type of farming?

- a) Co-operative Farming.
- b) Mixed Farming.
- c) Collective Farming.
- d) Dairy Farming.

Ans: c) (reference-NCERT-CLASS XII- fundamentals of human geography- page no.41)

- The model was implemented as type of **Collective Farming** to boost agricultural production for self-sufficiency.

- It is based on the principle of **social ownership** of the means of production and collective labour.
- The farmers pool in all their resources like land, livestock and labour. However, they are allowed to retain very small plots to grow crops in order to meet their daily requirements.
- Yearly targets are fixed by the government and the produce is also sold to the state at fixed prices.
- The farmers have to pay taxes on the farm produces and hired machineries.

20. Consider the following statements with reference to important Shipping Canals of the worlds.

1. The Suez Canal links the Mediterranean Sea and the Red Sea through Strait of Suez.
2. The Panama Canal links the Atlantic ocean with the Pacific Ocean through Panama Isthmus.

Which among the above statement is/are **correct**?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: b) (reference-NCERT-CLASS XII- fundamentals of human geography- page no. 74 and 75)

- The Suez Canal links the Mediterranean Sea and the Red Sea through the **Isthmus of Suez**.

...Lead with Edge...

21. Which among the following is incorrectly matched for Regional Blocs and their Headquarters.

- a) ASEAN- Singapore.
- b) EU- Brussels.
- c) OPEC- Vienna.
- d) SAARC- Kathmandu.

Ans: a) (reference-NCERT-CLASS XII- fundamentals of human geography- page no. 87 and current affairs)

- HQ of ASEAN is at **Jakarta** in Indonesia.

22. Consider the following statements with reference to different types of ports.
1. Ports of call are the collection centres where goods are brought from the different countries for export.
 2. Entrepot Ports are the ports with only strategic importance.

Which among the above statement is/are **correct**?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: d) (reference-NCERT-CLASS XII- fundamentals of human geography- page no.89)

- **Ports of Call:** These are ports which originally developed as calling points in the main sea routes where ships used to anchor for refuelling, watering and taking food items. Later on, they developed into commercial ports. E.g. Aden, Honolulu and Singapore.
- **Packet Station:** These are also known as ferry ports. They exclusively concerned with the transportation of passengers and mail across water bodies covering short distances.
- **Entrepot Ports:** These are the collection centres where goods are brought from the different countries for export. E.g. Singapore is an entrepot for Asia and Rotterdam for Europe.
- **Naval Ports:** These are ports which have only strategic importance. E.g. Kochi and Karwar in India.

23. Consider the following statements with reference to phenomenon of River capture.

1. It mostly occurs due to lateral erosion of the river.
2. The phenomenon is also called as river beheading.
3. The beheaded stream is called as misfit.

Which among the above statement is/are **correct**?

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

Ans: c) (reference- Go Cheng Leong- page no.40)

- **River capture:** It is also known as river piracy or river beheading. It is dependent on backwards or headward erosion of the stream. The bend at which the piracy occurred is termed as the elbow of capture. The beheaded stream is called the misfit. The valley below the elbow is the wind gap and may be valuable as a road and rail route. E.g. in Burma, the Upper Sittang has been captured by the Irrawaddy.

24. Consider the following statements with reference to notorious rivers.

1. The Hwang-Ho river is infamously known as 'China's Sorrow'.
2. The Kosi river is also popularly called as 'Sorrow of Bihar'.

Which among the above statement is/are **correct**?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: c) (reference- Go Cheng Leong -page no.43 and GK)

25. Consider the following statements with reference to various types of deltas formed by the rivers.

1. The arcuate delta has tooth-like projections at the mouth of river.
2. The Estuarine deltas are partly submerged in coastal waters.

Which among the above statement is/are **correct**?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: b) (reference- Go Cheng Leong -page no.44)

- **Bird-foot delta:** The several main branches like the foot of a bird extending into a sea. E.g. The Mississippi river delta.
- **Arcuate delta:** These have the fan-shape with numerous distributaries. E.g. The Nile, The Ganges and the Mekong river deltas.
- **Estuarine delta:** These deltas are partly submerged in coastal waters. E.g. The Amazon river.
- **Cuspate delta:** These have tooth-like projections at the mouths of rivers. E.g. The Ebro river of Spain.

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