



DAILY PT MCQs-CRACK PRELIMS 2020 TEST-IV (GEOGRAPHY-I)

- Which among the following is NOT a constitution of Biogas?
 - Carbon dioxide
 - Hydrogen Sulphide
 - Methane
 - All the above form the part of Biogas
- Consider the following statement about 'The Veld' (Temperate Climate)
 - Winters are abnormally mild. Temperatures vary between 5°C to 15°C.
 - Acacia and maroola Trees are associated with this ClimateChoose the correct statement by using code given below:
 - 1 only
 - 2 only
 - 1 and 2
 - Neither 1 nor 2
- Consider the following statement about Meeting of Cold Oceanic Current and Warm Oceanic Current
 - It is Helpful in Fishing
 - It is Dangerous for Navigation IndustryChoose the correct statement by using code given below:
 - 1 only
 - 2 Only
 - 1 and 2 only
 - Neither 1 nor 2
- 'Population Pyramid' depicts which among the following?
 - Dependency Ratio
 - Sex ratio Across Each age groupChoose the correct statement by using code given below:
 - 1 only
 - 2 only
 - 1 and 2
 - Neither 1 Nor 2
- Which among the following is Warm Ocean Current?
 - Canary Current
 - Oyashio current
 - Labrodar Current
 - Gulf Stream
- Arrange the following gases of Atmosphere in Decreasing manner
 - Neon
 - Methane
 - Argon
 - Carbon dioxideChoose the correct statement by using code given below:
 - 4-3-1-2
 - 3-2-4-1
 - 3-4-1-2
 - 4-1-3-2
- Consider the following statement:
 - This layer of atmosphere is Ideal for Aeroplanes
 - This layer is associated with Ozone layer
 - This layer is almost free from CloudsThe above statements are associated with:

- a) Troposphere b) Stratosphere
c) Mesosphere d) Exosphere
8. Which among the following is NOT permanent winds?
a) Tradewinds
b) Westerlies
c) Monsoon
d) All the above are the Permanent winds
9. Arrange the following water sources according to decreasing order based on the content of the water
1) Ice-cap
2) Ground water
3) Atmosphere (Moisture)
4) Lakes
Choose the correct statement by using code given below:
a) 3-2-4-1 b) 3-2-1-4
c) 1-2-3-4 d) 1-2-4-3
10. Consider the following statement regarding local wind 'Chinook'
1) It is cold wind, as Chinook means to freeze
2) Chinook is found in North America
Choose the incorrect statement by using code given below:
a) 1 only b) 2 only
c) 1 and 2 d) Neither 1 nor 2
11. Consider the following statements about Tides
1) High tides are dangerous for navigation.
2) High Tides Help in Fishing
3) Tides are helpful in electricity generation
- Choose the correct statement by using code given below:
a) 1 and 2 only b) 1 and 3 only
c) 2 and 3 only d) 1, 2 and 3
12. Metamorphic form of Granite is called as
a) Gneiss b) Marble
c) Slate d) Schist
13. Consider the following statement:
1. It requires warm and wet climate.
2. Well drained loamy soil.
3. Hill Slopes are most suitable for growth of this crop
Choose the crop which is being addressed in above statements
a) Tea b) Coffee
c) Cardamum d) Rubber
14. Oak, pine, Eucalyptus are major Trees associated with
a) Tropical deciduous Forest
b) Mediterranean Forest
c) Temperate Grasslands
d) Temperate Evergreen Forest
15. Consider the following statement about 'Tundra Climate'
1. Only mosses, lichens and small shrubs found here
2. Walrus and musk-oxen are among most known animal in this region
Choose the correct statement by using code given below:
a) 1 only b) 2 only
c) 1 and 2 only d) Neither 1 nor 2
16. Order the given cities in North to south
1. Bangkok 2. Jakarta
3. Singapore 4. Kuala Lumpur

Choose the correct statement by using code given below:

- a) 1-4-3-2 b) 1-3-4-2
c) 2-1-3-4 d) 2-3-1-4

17. Consider the following statement regarding 'Tropical Rain Forest'

1. Tropical Forest are most favorable to Lumbering Industry
2. Tropical Forest soil are most fertile soil
3. Tropical Forest are known for Highest Biodiversity

Choose the correct statement by using code given below:

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

18. Choose the correct statement about 'Blind Dolphin' among the following statement

1. It is locally called as SUSU
2. These are indicator species , depict the health of aquatic system
3. Its declared as National aquatic animal of India

Choose the correct statement by using code given below:

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

19. Consider the following statements about Temperate Grassland

1. Temperate grassland also called as 'Sea of Grass'
2. Local name of Temperate grassland in South America is called as 'Prairies'
3. Major crops associated with Temperate Grassland are Maize, Potatoes, alfa alfa

Choose the incorrect statement by using code given below:

- a) 1 only
b) 2 only
c) 2 and 3 only
d) All the statements are correct

20. Which among the following Sea/Ocean are most prone to Tsunami ?

- a) South China Sea b) Black Sea
c) Caspian Sea d) Aral Sea

21. Match the following:

Local names of 'Slash and burn' farming	Region
---	--------

- | | |
|-----------|------------|
| A) Ladang | 1) Brazil |
| B) Roca | 2) Mexico |
| C) Milpa | 3) Malasia |
| D) Jhum | 4) India |

Choose the correct statement by using code given below:

- | | A | B | C | D |
|----|---|---|---|---|
| a) | 3 | 1 | 2 | 4 |
| b) | 2 | 1 | 3 | 4 |
| c) | 1 | 3 | 2 | 4 |
| d) | 4 | 1 | 3 | 2 |

22. Arrange the energy mix of India in 2018 in decreasing manner

- 1) Renewable energy
- 2) Hydro energy
- 3) Natural Gas
- 4) Nuclear Power

Correct code is:

- a) 1-3-4-2 b) 2-1-4-3
c) 1-2-3-4 d) 2-4-1-3

23. Consider the Following statement about Tropical Deserts

1. They are often found along the western Margin of the continents.
2. The nights of tropical desert may be freezing cold with temperatures nearing zero degrees

Choose the correct statement by using code given below:

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

24. Choose the correct statement about Bamboo Drip Irrigation System

- a) Used by Onge Tribes of Andaman Islands
- b) It is irrigation practiced by tribes of Meghalaya
- c) Irala Tribes of Niligiri use this irrigation system
- d) It is the Major Irrigational practice of Birhor Tribes of Jharkand

25. Recently Jawahar tunnel built to connect Srinagar and Jammu. The pass connecting these cities present in Pir-Panjal Hills. The pass, here being talked about, is

- a) Baralaccha Pass b) Rohtang Pass
- c) Banihal Pass d) Thang La Pass

ANSWER

1. Answer: (d)

- **Biogas** is produced under anaerobic conditions; the **process** is denominated as anaerobic digestion. The major constituent of biogas is methane (55-70%), CO₂ (30-45%) and some traces of **gases** such as H₂S and ammonia. Common digester feedstock (feeding material) is cow, buffalo, and pig manure".

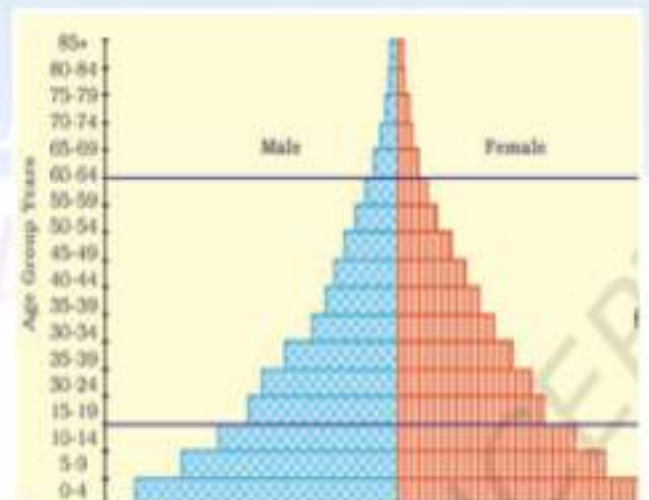
2. Answer: (c)

3. Answer: (c)

- Areas where **warm and cold currents meet** tend to have regular foggy conditions, as the overlying **warm and cold** air come in contact with each other. they also tend to have high biological productivity, because plankton growth is encourage by the mixing of **warm and cold currents**.

4. Answer: (c)

- **EXPLANATION:**



5. Answer: (d)

- Warm ocean currents flow away from the equatorial region on the western side of ocean basins. The Gulf Stream in the North Atlantic and the Kuroshio Current in the North Pacific are examples of warm currents. Of all the warm currents, the Gulf Stream has been studied most extensively.

6. Answer:(c)

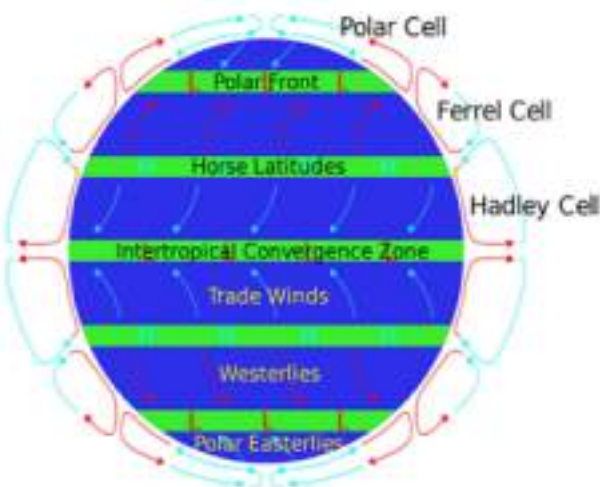


7. Answer: (b)

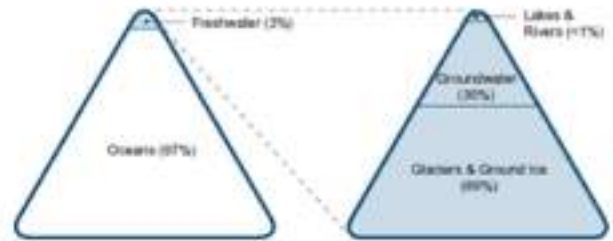
- **Stratosphere**, layer of Earth's atmosphere lying between the troposphere and the mesosphere. The lower portion of the stratosphere is nearly isothermal (a layer of constant temperature), whereas temperatures in its upper levels increase with altitude. This layer is ideal for aeroplanes. The stratosphere extends from the tropopause at about 10 to 17 km (about 6 to 11 miles) altitude to its upper boundary (the stratopause) at about 50 km (30 miles), and it also contains the ozone layer. See atmosphere.

8. Answer: (c)

- Permanent winds are Trade winds, Westerlies and Polar Easterlies.



9. Answer:(d)



10. Answer: (a)

- **EXPLANATION:** Chinook means Ice eater. It is warm local wind found in North America.

11. Answer: (c)

- Tidal heights are very important, especially harbours near rivers and within estuaries having shallow 'bars' [Marine Landforms] at the entrance, which prevent ships and boats from entering into the harbour.
- High tides help in navigation. They raise the water level close to the shores. This helps the ships to arrive at the harbour more easily.
- Tides generally help in making some of the rivers navigable for ocean-going vessels. **London and Calcutta [Tidal Ports]** have become important ports owing to the tidal nature of the mouths of the Thames and Hooghly respectively.
- The high tides also help in fishing. Many more fish come closer to the shore during the high tide. This enables fishermen to get a plentiful catch.
- Tides are also helpful in desilting the sediments and in removing polluted water from river estuaries.
- Tides are used to generate electrical power (in Canada, France, Russia, and China).
- A 3 MW tidal power project was

constructed at Durgaduani in Sunderbans of West Bengal.

12. Answer: (a)

- Clay- Slate, Limestone- Marble, Sandstone- Quartzite, Granite- Gneiss, Shale- Schist, Coal- Graphite.

13. Answer: (b)

- Coffee requires a temperature ranging from 21°C to 29°C. Tea grows well in the regions which receive rainfall in between 150-200 cm. The soil should be well drained and necessary to have hill slopes.

14. Answer: (d)

- Temperate evergreen forests are found predominantly in areas with warm summers and cool winters, and vary enormously in their kinds of **plant** life. In some, needleleaf trees dominate, while others are home primarily to broadleaf evergreen trees or a mix of both tree types. Some of the important trees are Small leaved deciduous trees (birch, poplar, willow, alder)
- Trees (oak, maple, elm, and tilia), Shrubs and Wildflowers, Conifers (Larch, spruce, fir, and pine)

15. Answer: (c)

- **Tundra climate:-** The Arctic tundra, where the average temperature is 10 to 20 degrees Fahrenheit (-12 to -6 degrees Celsius), supports a variety of animal species, including Arctic foxes, polar bears, gray wolves, caribou, snow geese and musk-oxen. The summer growing season is just 50 to 60 days, when the sun shines 24 hours a day. The few plants and animals that live in the harsh conditions of the tundra are essentially clinging to life. They are highly vulnerable to environmental stresses like

reduced snow cover and warmer temperatures brought on by global warming.

16. Answer:(a)



17. Answer: (c)

- The **tropical rainforest** is a hot, moist biome found near Earth's equator. The world's largest **tropical rainforests** are in South America, Africa, and Southeast Asia. **Tropical rainforests** receive from 60 to 160 inches of precipitation that is fairly evenly distributed throughout the year. So the quality of soil is low. These areas are known for highest Bio-diversity in the world.

18. Answer:(d)

Key Facts

- **Common Name-** Susu/ susuk.
- **Scientific Name-** *Platanista gangetica*.
- **Geographic Habitat-** Ganga, Brahmaputra, Meghna river system of India, Bangladesh and Nepal, Pakistan.
- **Length-** 2.70 meter (Male), 2.12 meter (Female).
- **Population-** less than 2000 in India.
- **Weight-** 150-170 Kg.
- **Status -** endangered species.
- **Distribution in India-** it spread over seven state in India :- assam, u.p, m. p, rajasthan, bihar, jharkhand, west bengal.

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19. Answer: (b)

LOCATION:-

- Temperate grasslands are located north of the Tropic of Cancer (23.5 degrees North) and south of the Tropic of Capricorn (23.5 degrees South). The major temperate grasslands include the veldts of Africa, the pampas of South America, the steppes of Eurasia, and the plains of North America.

PLANTS

- Grasses are the dominant vegetation. Trees and large shrubs are largely absent. Seasonal drought, occasional fires and grazing by large mammals all prevent woody shrubs and trees from becoming established. A few trees such as cottonwoods, oaks and willows grow in river valleys, and a few hundred species of flowers grow among the grasses. The various species of grasses include purple needle grass, blue grama, buffalo grass, and galleta. Flowers include asters, blazing stars, coneflowers, goldenrods, sunflowers, clovers, psoraleas, and wild indigos.

ANIMALS

- Temperate grasslands have a low diversity of wildlife, but a high abundance of wildlife. In North America the dominant grazing animals are bison and pronghorn. Rodents include pocket gophers and prairie dogs. Carnivores include wolves, coyotes, swift foxes, badgers and black-footed ferrets. Birds include grouses, meadowlarks, quails, sparrows, hawks and owls.

CLIMATE

- Temperate grasslands have hot summers and cold winters. Summer temperatures

can be well over 100 degrees Fahrenheit, while winter temperatures can be as low as -40 degrees Fahrenheit. They typically have between 10 and 35 inches of precipitation a year, much of it occurring in the late spring and early summer. Snow often serves as a reservoir of moisture for the beginning of the growing season. Seasonal drought and occasional fires help maintain these grasslands.

SOIL

Temperate grasslands have soils that are nutrient-rich from the growth and decay of deep, many-branched grass roots. The rotted roots hold the soil together and provide a food source for living plants. The world's most fertile soils underlie the eastern prairies of the U.S., the pampas of South America, and the steppes of Ukraine and Russia.

20. Answer: (a)

- **EXPLANATION:** Those seas which are located on the faults (Joining of Plates) are most vulnerable to Tsunami.

21. Answer: (a)

- **Shifting cultivation or slash and burn farming:-**a form of agriculture, used especially in tropical Africa, in which an area of ground is cleared of vegetation and cultivated for a few years and then abandoned for a new area until its fertility has been naturally restored. **Shifting Cultivation** is known as Ladang in Indonesia, Caingin in Philippines, Milpa in central America & Mexico, Ray in Vietnam, Taungya In Myanmar, Tamrai in Thailand, Chena in Sri Lanka, Conuco in Venezuela, Roca in Brazil, Masole in central Africa.

22. Answer: (c)

23. Answer: (c)

- Tropical deserts:-The biggest Tropical Desert is in northern Africa called the Sahara Desert. There are a few Deserts in the United States, such as the Mojave Desert, The Great Basin Desert, and the Chihuahuan Desert.
- The Tropical Desert is the place of extremes. Its the driest and the hottest place on Earth. They are often found along the western margin of continents. Rainfall is sporadic and in some years there is no measurable Precipitation falls at all. The terribly dry conditions of the deserts is due to the year-round influence of subtropical high pressure continentality.

24. Answer: (b)

- In Meghalaya (one of the seven

northeastern states in India), an ingenious system of tapping of stream and springwater by using bamboo pipes to irrigate plantations is widely prevalent. It is so perfected that about 18-20 litres of water entering the bamboo pipe system per minute gets transported over several hundred metres and finally gets reduced to 20-80 drops per minute at the site of the plant. The tribal farmers of Khasi and Jaintia hills use the 200-year-old system.

25. Answer:(c)



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