

Climate and Soils

PRACTICE EXERCISE 6 (A)

Directions for questions 1 to 25: Select the correct alternative from the given choices.

1. Which of the following states has the lowest rainfall?
(1) Rajasthan (2) Assam
(3) Arunachal Pradesh (4) Himachal Pradesh
2. All the regional differences in the climate are described as
(1) Tropical Climate
(2) Continental Climate
(3) Monsoon Climate
(4) None of these
3. There are varied climatic conditions in India due to
(1) nearby seas and the high mountains.
(2) the existence of perennial rivers.
(3) the deserts and plains.
(4) vast area and latitudinal differences.
4. Which one of the following is the main reason for floods to occur?
(1) Excessive temperature
(2) Heavy rainfall
(3) Humidity in air
(4) Anti-cyclones
5. The humid climatic region is
(1) West part of Uttar Pradesh
(2) the Ganga Valley
(3) West coast of Goa
(4) North-west Bengal
6. In which of the following places is the arid type of climate found?
(1) Brahmaputra Valley (2) Deccan Plateau
(3) Rajasthan (4) Ganga Valley
7. The winds that give heavy rainfall in India are
(1) Retreating Monsoons.
(2) North-East Monsoons.
(3) South West Monsoons.
(4) None of these
8. Tropical cyclones cause rains on the
(1) Malabar coast (2) Coromandel coast
(3) Konkan coast (4) Saurashtra coast
9. The most common type of rainfall in India is _____ rainfall.
(1) relief (2) cyclonic
(3) convectional (4) None of these

10. "October Heat" is not experienced mostly in
 - (1) Punjab
 - (2) Haryana
 - (3) Delhi
 - (4) All of these
11. Besides landforms and drainage, which is the third basic element of the natural environment?
 - (1) Temperature
 - (2) Wind
 - (3) Rainfall
 - (4) Climate
12. Why do coastal areas experience less contrasts in temperature conditions?
 - (1) Due to moderating effect of the seas
 - (2) Due to land mass
 - (3) Due to heat conditions
 - (4) None of these
13. The wind flowing in the northern plains in summers is known as
 - (1) Koal Baisakhi
 - (2) Trade winds
 - (3) Loo
 - (4) None of these
14. Black soil is also known as
 - (1) laterite soil
 - (2) alluvial soil
 - (3) regur soil
 - (4) sandy soil
15. Black soils are largely found in
 - (1) Maharashtra
 - (2) Arunachal Pradesh
 - (3) Assam
 - (4) Kerala
16. Name the fertilizer that is used to improve the fertility in alluvial soil.
 - (1) Nitrogen
 - (2) Phosphate
 - (3) Potash
 - (4) Organic material
17. Which of the following schemes are meant for preventing soil erosion?
 - (1) Contour bunding
 - (2) Control of cattle grazing
 - (3) Diversions
 - (4) Shifting cultivation
18. Great civilizations flourished in the areas having
 - (1) Red Soil
 - (2) Mountain Soil
 - (3) Alluvial Soil
 - (4) Black Soil
19. Which of the following states in India is a major producer of tea?
 - (1) West Bengal
 - (2) Assam
 - (3) Tamil Nadu
 - (4) Kerala
20. Calcium carbonate, magnesium carbonate, potash and lime are rich in
 - (1) alluvial soil
 - (2) red soil
 - (3) black soil
 - (4) All of these
21. Which of the following soils has the following features such as sandy and porous, poor in nitrogenous matter and humus?
 - (1) Desert soil
 - (2) Mountain soil
 - (3) Laterite soil
 - (4) Red soil
22. Which one of the following is responsible for the soil erosion in farms?
 - (1) Rivers and wind work
 - (2) Defective methods of farming
 - (3) Flowing water
 - (4) Moving glaciers
23. Which of the following soils is typical in the Deccan trap region?
 - (1) Alluvial soil
 - (2) Black soil
 - (3) Red soil
 - (4) Laterite soil
24. Which of the following methods is used in Western and Central Himalayas for the soil conservation?
 - (1) Terrace farming
 - (2) Strip cropping
 - (3) Shelter belts
 - (4) None of these
25. The soil suitable for cultivation of orchard crops is
 - (1) Alluvial soil
 - (2) Laterite soil
 - (3) Sandy soil
 - (4) Mountainous soil

PRACTICE EXERCISE 6 (B)

Directions for questions 1 to 30: Select the correct alternative from the given choices.

1. Mawsynram which receives the highest rainfall is in the state of
 - (1) Assam
 - (2) Arunachal Pradesh
 - (3) Meghalaya
 - (4) Mizoram
2. The Central Government launched the National Flood control programme in the year
 - (1) 1954
 - (2) 1956
 - (3) 1958
 - (4) 1960

3. The average temperature of Rajasthan in the month of June is
 - (1) 30° C
 - (2) 50° C
 - (3) 45° C
 - (4) 40° C
 4. The South West Monsoon comes from
 - (1) the Bay of Bengal
 - (2) the Himalayas
 - (3) Asia
 - (4) the Indian Ocean
 5. Which of the following states experiences severe famine?
 - (1) Kerala
 - (2) Rajasthan
 - (3) Bihar
 - (4) West Bengal
 6. The word monsoon was derived from
 - (1) Greek word
 - (2) Arabic word
 - (3) Indian word
 - (4) Latin word
 7. Which part of India receives rain for almost nine months in the year?
 - (1) Thiruvananthapuram and Shillong
 - (2) Chennai and Mumbai
 - (3) Cochin and Mumbai
 - (4) None of these
 8. Which place has the lowest rainfall?
 - (1) Leh
 - (2) Thiruvananthapuram
 - (3) Chennai
 - (4) Mumbai
 9. Winters are dry in India because
 - (1) winds are from land and sea.
 - (2) winds are from sea to land.
 - (3) winds are from mountainous regions.
 - (4) None of these
 10. The Pre-monsoon showers are a common phenomena in
 - (1) Kerala and the coastal areas of Tamil Nadu.
 - (2) Konkan coast and Saurashtra coast.
 - (3) Coromandel coast and Konkan coast.
 - (4) Kerala and the coasts of Karnataka.
 11. The state of atmosphere over an area at any point of time is known as
 - (1) Weather
 - (2) Climate
 - (3) Heat
 - (4) Cold
 12. Which of the following climatic controls is the most important?
 - (1) Latitude
 - (2) Altitude
 - (3) Pressure and wind system
 - (4) Continentality
 13. Which of the following soils is suitable for the cultivation of almost all kinds of crops?
 - (1) Black Soil
 - (2) Red Soil
 - (3) Laterite Soil
 - (4) Alluvial Soil
 14. Which one of the following soils is suitable for the cultivation of tea?
 - (1) Red Soil
 - (2) Black Soil
 - (3) Alluvial Soil
 - (4) Laterite Soil
 15. The soil in the delta regions are
 - (1) Black soil
 - (2) Red soil
 - (3) Alluvial soil
 - (4) Mountain soil
 16. Which of the following soils are less fertile and need heavy manuring and irrigation.
 - (1) Alluvial
 - (2) Black
 - (3) Red
 - (4) Laterite
 17. Laterite soils are suitable to grow
 - (1) Coffee, rubber and tea.
 - (2) Wheat, rice and rubber.
 - (3) Jute, maize and millets.
 - (4) Pulses, tea and sugarcane.
 18. Soil erosion caused by winds is high in the state of
 - (1) Madhya Pradesh
 - (2) Andhra Pradesh
 - (3) Rajasthan
 - (4) Gujarat
 19. In the geographical area of our country the soils that occupy the largest area are
 - (1) red soils
 - (2) laterite soils
 - (3) alluvial soils
 - (4) mountain soils
 20. Soils consisting of various proportions of sand, silt and clay predominant in coastal plains and deltas are
 - (1) alluvial soil
 - (2) black soil
 - (3) red soil
 - (4) laterite soil
 21. The percentage of fallow land since independence has come down from 7% to
 - (1) 4%
 - (2) 5%
 - (3) 6%
 - (4) None of these

22. Which of the following soils is generally sandy in texture and saline in nature?

- (1) Arid soil (2) Black soil
(3) Red soil (4) Laterite soil

23. Which one of the following states has laterite soil in abundance?

- (1) Uttar Pradesh (2) Bihar
(3) Rajasthan (4) Meghalaya

24. Soil erosion is prevalent in

- (1) Assam
(2) Eastern Ghats
(3) Siwaliks
(4) Bihar

25. The soil which is soft when wet and very hard when dry is

- (1) Red soil (2) Black soil
(3) Alluvial soil (4) Desert soil

ANSWER KEYS

PRACTICE EXERCISE 6 (A)

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| 1. 1 | 2. 3 | 3. 4 | 4. 2 | 5. 2 | 6. 3 | 7. 3 | 8. 2 | 9. 1 | 10. 3 |
| 11. 4 | 12. 1 | 13. 3 | 14. 3 | 15. 1 | 16. 1 | 17. 1 | 18. 3 | 19. 2 | 20. 3 |
| 21. 1 | 22. 2 | 23. 2 | 24. 1 | 25. 4 | | | | | |

PRACTICE EXERCISE 6 (B)

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|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1. 3 | 2. 1 | 3. 2 | 4. 4 | 5. 2 | 6. 2 | 7. 1 | 8. 3 | 9. 1 | 10. 4 |
| 11. 2 | 12. 1 | 13. 4 | 14. 4 | 15. 3 | 16. 3 | 17. 1 | 18. 3 | 19. 1 | 20. 1 |
| 21. 2 | 22. 1 | 23. 4 | 24. 4 | 25. 2 | | | | | |