

2023

GEOGRAPHY

(Theory)

Full Marks : 70

Pass Marks : 21

Time : Three hours

All the questions are compulsory.

The figures in the right margin indicate full marks for the questions.

Question Nos. 1 to 4 are Multiple Choice Questions. Choose the correct answer from the alternatives and rewrite it along with the corresponding alphabet.

1. The excess water of the Loktak Lake is drained by a short stream called – 1
(A) The Iril
(B) The Chakpi
(C) The Khordak
(D) The Khuga
2. Which of the following Indian states shares its border with as many as three countries ? 1
(A) Uttarakhand
(B) Himachal Pradesh
(C) Sikkim
(D) Arunachal Pradesh

P.T.O.

3. Which one of the following states of India receive floods in the winter months?

1

(A) Bihar

(B) Tamil Nadu

(C) West Bengal

(D) Kerala

4. Which one of the following is not a fact regarding South India ?

1

(A) Diurnal range of temperature is less here

(B) Annual range of temperature is less here

(C) Temperatures here are high throughout the year

(D) Extreme climatic conditions are found here

Answer Question Nos. 5 to 13 in a sentence each.

5. Name the longest season of Manipur.

1

6. Identify one sedimentary rock which is formed by organically processes.

1

7. Why do tides occur in the oceans ?

1

8. How do the Watches at all places in India show the same time ?

1

9. Why are there more droughts occur in the central and western India ?

1

10. Why is Imphal valley referred to as a lacustrine plain ?

1

11. Suggest one depositional landform which is commonly found in hot deserts. 1
12. "The low salinity trend is observed in the Bay of Bengal". Give one critical reason. 1
13. Suggest one natural feature represent in the western hills of Manipur. 1
14. Draw a neat diagram to show star the interior of the earth. 1

Answer Question Nos. 15 to 23 in about 30 words each.

15. Mention two ways of heating and cooling process of the atmosphere. 2
16. State the evidence that the Imphal valley was full of the hill ranges in the past. 2
17. In what ways does dynamic metamorphism differ from thermal metamorphism. 2
18. Classify the major types of ecosystems on the earth. 2
19. Why do the forests very close to the densely populated Imphal valley present a denuded appearance. 2
20. " The climate of an area is a major factor of soil formation". Justify. 2
21. " The Kaveri river is unique of all peninsular rivers with respect to flow of water". Give reasons. 2
22. Suggest three measures to help in conservation of soils in India. 2

23. "There is a marked increase in temperature which makes the days become warmer and warmer in Manipur during the retreating monsoon season". Give reasons. 2

24. On the outline map of India provided, therein mark and label the following : 2

- (a) Sundarban
(b) Areas of arid soils

Answer to Question Nos. 25 to 31 in about 50 words each.

25. Give an account of the three types of earthquake waves as recorded by seismograph. 3

OR

Write the characteristics of the Shield, composite and caldera types of volcanoes in their nature of eruption. 3

26. Explain the concept of geomorphology, climatology and hydrology as branches of physical geography. 3

OR

Explain the main areas of Economic geography, Historical geography and Political geography as branches of human geography. 3

27. Why is troposphere referred to as the most important of all the layers of the atmosphere ? 3

28. Identify the latitudes where tropical cyclones occur in India. 3

OR

Identify the factors why are more earthquakes occur in the Himalayan region and the north-eastern regions of India. 3

29. "Highest salinity is found in the oceans near the tropic of cancer and the tropic of capricorn". Justify. 3

30. "The Brahmaputra river is notorious for frequent floods, channel shifting and bank erosion". Analyse. 3

31. "Unlike other disasters, the damage caused by an earthquake, is more devastating". Suggest three measures to help in mitigation the natural disaster. 3

Answer Question Nos. 32 to 34 in about 150 words each.

32. State the factors that cause variations of insolation at the surface of the earth. 5

OR

State the salient features of the distribution of rainfall in the different parts of the world. 5

33. Make a comparative study between the Himachal and Uttarakhand Himalayas and Darjeeling and Sikkim Himalayas. 5

OR

Point out the distinguishing features between the Western ghats and the Eastern ghats of India. 5

34. Explain the characteristics features of the retreating monsoon season of India as recognised by meteorologist. 5

OR

Explain the characteristics features of the different types of forests of India on the basis of vegetation and climatic regions. 5