

Total No. of Questions : 22]

Roll No.....

[Total No. of Printed Pages : 11

11th ARNKD(W/Z) JKLUT-2025

1203-C

GEOGRAPHY

Time : 3 Hours]

[Maximum Marks : 70

Note:- "Attempt any 60 Marks out of 70 Marks".

SECTION-A

(Multiple Choice Questions)

(1 mark each)

NOTE:- Choose the correct option and write them in your answer book.

1. (i) Which of the following geographers first coined the term geography?
 - (a) Karl Ritter
 - (b) Vidal de la Blache
 - (c) Alexander Von Humboldt
 - (d) Eratosthenes

11th ARNKD(W/Z) JKLUT-25-1203-C

Turn Over

- (ii) Hawaiian volcanoes are the examples of one of the following:
- (a) Shield Volcanoes
 - (b) Composite Volcanoes
 - (c) Cinder Cones
 - (d) Flood Basalt
- (iii) Which of the following geomorphic features is associated with the erosional work of the running water?
- (a) Cirque
 - (b) Gorge
 - (c) Deflation Basins
 - (d) Serrated Ridges

(iv) Which of the following processes is aided by gravity?

- (a) Erosion
- (b) Deposition
- (c) Mass Movement
- (d) Weathering

(v) Which of the following atmospheric layers reflect the radio waves back to the earth?

- (a) Troposphere
- (b) Stratosphere
- (c) Mesosphere
- (d) Ionosphere

Turn Ove

(vi) Which of the following cloud types look like cotton wool and exist in patches?

(a) Cirrus

(b) Cumulus

(c) Stratus

(d) Nimbus

(vii) Burning of fossil fuels leads to the increase in the concentration of which of the following gases?

(a) Oxygen

(b) Carbon Dioxide

(c) Nitrogen

(d) Argon

(viii) Which of the following rivers is a tributary of Indus?

- (a) Satluj
- (b) Gandak
- (c) Ghaghara
- (d) Kosi

(ix) Which of the following states in India is an area of low rainfall?

- (a) Bihar
- (b) Gujarat
- (c) Jharkhand
- (d) Ladakh

(x) Which of the following Drought types is associated with prolonged period of inadequate rainfall?

- (a) Meteorological Drought
- (b) Hydro Ecological Drought
- (c) Agricultural Drought
- (d) Ecological Drought

SECTION-B

(Very Short Answer Type Questions)

(2 marks each)

NOTE:- Answer in 20 to 30 words each.

2. What is Geography? Name the branches of geography on the basis of regional approach.

3. What is Physical Geography? Name two sub branches of physical geography.
4. Name two direct and two indirect sources of information about the earth's interior. *b*
5. What are subduction zones?
6. How are sand dunes formed? Name two types of sand dunes.
7. What is the main source of water vapour in the atmosphere and what is its climatic significance?
8. What is a wave? How are oceanic waves generated?
9. Name the island countries of the Indian Ocean that are also the neighbouring countries of India.
10. What are the chief characteristics of tropical deciduous forest found in India? Name any two important regions where these are found in India.

Turn Over

SECTION-C

(Short Answer Type Questions)

(3 marks each)

NOTE:- Answer the following questions in 100 to 150 words each.

11. What is weathering? Briefly discuss the Biological weathering.
12. Explain the formation of land and sea breeze with the help of a diagram.
13. Briefly elucidate the factors that determine the distribution of temperature in oceans. <https://www.jkboseonline.com>
14. How does the size of India provide her with great physical diversity?
15. Enlist the physiographic divisions of India. What are the chief characteristics of the Great Indian Desert?

16. What are the main reasons for water depletion and deterioration in Indian rivers? Suggest two conservation measures.
17. What are the causes of the origination of monsoons in India? Write three economic benefits of monsoons in India.
18. What are the main reasons of declining wildlife in India?
19. What are the triggering factors which cause landslides in India and what are its consequences?

SECTION-D

(Long Answer Type Questions)

(5 marks each)

NOTE:- Answer in 150 to 200 words each.

20. Explain the structure of the atmosphere with the help of a well labelled diagram.

Turn Over

OR

Discuss the composition of the atmosphere emphasizing on the importance of its constituents.

21. Enlist four seasons identified by the meteorological department in India. Discuss the weather conditions associated with the cold weather season with reference to temperature, precipitation, pressure and winds.

OR

Enlist the major types of natural vegetation in India. Discuss the chief characteristics of Tropical Evergreen and semi evergreen forests with names of the states where these are found in India.

22. "Unlike other disasters, the damages caused by earthquakes are more devastating and need disaster preparedness plans". In light of the statement discuss the effects of earthquakes and the measures that can be undertaken to minimise its effects in India.

OR

Indicate the following disaster and hazard risk zones/areas of India on the given outline map.

- (i) ☒ Very high damage earthquake risk zone
- (ii) ☒ Extreme drought prone area
- (iii) ☒ High risk flood hazard zone
- (iv) ☐ Very high Vulnerability landslide prone area
- (v) ☐ High risk cyclone prone area

Roll No.....

Z-3-B

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11th ARF(SZ)JKUT2024-25
203-B

GEOGRAPHY

Time : 3 Hours]

[Maximum Marks : 70

Section-A

(Multiple Choice Questions)

1 each

Note :- Choose correct options and write them in your answer-book :

1. (i) What name is given to core of the earth ?

(A) Sial

(B) Sima

✓(C) Nife

(D) Mantle

11th ARF(SZ)JKUT2024-25 **203-B**
Z-3-B

Turn Over

(ii) Which one of the following ocean is known for 'circum pacific ring of fire' ?

✓(A) Pacific ocean

(B) Atlantic ocean

(C) Arctic ocean

(D) Indian ocean

(iii) Canyons and Gorges are developed by which geomorphic process/force ?

✓(A) Glacier

(B) Wind

(C) Running water

(D) Underground water

(iv) Which is the lower most layer of atmosphere in which we live ?

(A) Stratosphere

(B) Mesosphere

(C) Exosphere

✓(D) Troposphere

- (v) Which one of the following divides the globe into two equal hemispheres ?
- (A) Arctic circle
 - ✓(B) Equator
 - (C) Tropic of cancer
 - (D) Antarctic circle
- (vi) Which type of rainfall occurs when moisture laden wind strikes with a mountain barrier ?
- (A) Orographic rainfall
 - ✓(B) Cyclonic rainfall
 - (C) Convectional rainfall
 - (D) Frontal rainfall
- (vii) Depositional feature made by Glacier is :
- (A) Horn
 - (B) Col
 - (C) Delta
 - ✓(D) Moraines

Turn Over

(viii) Where does India rank areawise in the world ?

✓(A) Seventh

(B) Fifth

(C) Sixth

(D) Eighth

(ix) Royal Bengal tiger is found in :

(A) Mahanadi Delta

(B) Kavery Delta

✓(C) Sunderbans

(D) Krishna Delta

(x) Which state gets floods in winter ?

(A) Assam

(B) West Bengal

✓(C) Tamil Nadu

(D) Kerala

Section-B

(Very Short Answer Type Questions)

2 each

Note :- Answer the following questions in 20 to 30 words :

- ✓ 2. What is Weathering ?
- ✓ 3. What is Systematic Geography ?
- ✓ 4. What is Biosphere Reserve ?
- ✓ 5. Define normal lapse rate of temperature.
- ✓ 6. Name the states of India having common frontiers with Pakistan.
7. How precipitation changes the salinity of ocean water at equator ?
- ✓ 8. What is the latitudinal and longitudinal location of India ?
- ✓ 9. Write a brief note on Shivaliks.
- ✓ 10. Name the states which are most affected by floods in India.

Section-C

(Short Answer Type Questions)

3 each

Note :- Answer the following questions in **100 to 150** words :

- ✓11. What is Geography and discuss its branches ?
- ✓12. Discuss the evidences suggested by Wegner in support of Continental Drift Theory.
- ✓13. Explain the depositional work of Glacier with special focus on Moraines.
14. Explain the location and mechanism of trade wind with the help of a diagram.
- ✓15. Describe the economic importance of continental shelf.
- ✓16. What is Loo ?
- ✓17. Discuss the factors which affect the temperature distribution in India.

- ✓18. What are cyclones ? How are they originated ?
- ✓19. Discuss the methods to minimise the ill effects of earthquakes.

Section-D

(Long Answer Type Questions)

5 each

Note :- Answer the following questions in **150 to 300** words :

20. Draw a suitable diagram for the structure of Atmosphere and discuss the importance of the troposphere. <https://www.jkboseonline.com>

or

Define precipitation and discuss the types of Rainfall.

21. Explain the mechanism and distribution of the Indian Monsoon.

or

Why is the conservation of Forests necessary ?

22. Divide India into major physiographic divisions and describe the Himalayan region in detail.

or

Show the following in a given outline map of India :

- (i) Kaziranga National Park
- (ii) Aravalli Range
- (iii) Indira Point
- (iv) Sunderban Delta
- (v) Western Ghat