



विद्या सर्वार्थ साधिका

ANANDALAYA  
ANNUAL EXAM  
Class XI

Subject: Geography  
Date :25 / 02/ 2020

M.M: 70  
Time: 3 Hours

General Instructions:

1. Questions from serial number 1 to 18 are MCQ type of questions carrying 1 mark each.
2. Questions from serial number 19 to 22 are short questions of carrying 3 mark each. Answers to these questions should not go beyond 100 words each.
3. Questions from 23 to 28 are long answer questions of 5 mark each. Answers to these questions should not go beyond 150 words.
4. Questions of 29 and to 30 are map questions.

SECTION-A

1. The core of the earth is made up of very heavy material mostly constituted by: (1)  
A) Silicon and Aluminium B) Silicon and Magnesium  
C) Iron and Manganese D) Iron and Nickel
2. The most explosive volcano of the earth is: (1)  
A) Shield volcano B) Caldera  
C) Cinder cone D) Composite volcano
3. Limestone during metamorphism changes in to: (1)  
A) Marble B) Clay C) Slate D) Granite
4. The science of rocks is known as: (1)  
A) Geology B) Geography C) Petrology D) Earth science
5. Which mass movement is called slow movement? (1)  
A) Earth flow B) Debris avalanche C) Snow avalanche D) Rock creep
6. Which relief feature is tectonically very active? (1)  
A) The Himalayas B) Aravalli range C) Western ghats D) Nilgiri hills
7. Which landform is an erosional work of a river? (1)  
A) U- shaped valley B) V-Shaped valley  
C) Cirque D) Flood plain
8. The normal lapse rate of temperature in troposphere is: (1)  
A) 5°c per 500 meter B) 1°c per 165 meter C) 10°c per 1000 meter D) None of them.
9. The balance of incoming and outgoing radiation is: (1)  
A) Solar energy. B) Heat budget  
C) Terrestrial radiation D) Insolation.
10. On which of the following hill range is the Dodabetta peak located? (1)  
A) The Nilgiris B) Cardomom hills  
C) Anaimalai hills D) Nallamala hills

11. Which one of the following rivers flows in a rift valley?  
 A) Kaveri                      B) Narmada                      C) Krishna                      D) Mahanadi
12. Which river was known as sorrow of Bengal? (1)  
 A) Mahanadi                      B) Damodar                      C) Ganga                      D) Hoogly.
13. In which of the following states in India do we find “As” type of climate as per Koeppen’ s scheme. (1)  
 A) In Kerala and Andhra pradesh.                      B) In Andaman and Nicobar Islands.  
 C) Coromandal coast                      D) In Assam and Arunachal pradesh.
14. Which place gets the highest annual rainfall in the world? (1)  
 A) Shillong                      B) Chirapunji                      C) Mawsynram                      D) Dispur
15. In which one of the following states is the Nanda Devi Bioreserve located? (1)  
 A) Himachal pradesh                      B) Uttar pradesh  
 C) Uttarakhand                      D) Sikkam
16. The process under which farmers grow trees for commercial and non commercial purposes on their farm lands is called: (1)  
 A) Farm forestry                      B) Social forestry                      C) Urban forestry                      D) Rural forestry.
17. Another name of Regur soil is: (1)  
 A) Alluvial soil                      B) Black soil                      C) Arid soil                      D) Laterite soil
18. Gullies are found in the river basin of: (1)  
 A) Chambal                      B) Yamuna                      C) Luni                      D) Kaveri.

### SECTION -B

19. What are Fronts? What are the four types of fronts? Explain them. (3)
20. Define the term Humidity. How is Absolute humidity different from Relative humidity? (3)
21. Distinguish between Himalayan rivers and Peninsular rivers on any three points. (3)
22. Describe the summer season of India in terms of duration, temperature conditions and any two weather phenomena occur during this season. (3)

OR

Describe the winter season of India in terms of duration, temperature conditions and any two weather phenomena occur during this season.

### SECTION-C

23. A) Describe any three characteristic features of Mediterranean type of climate in the world (Cs) on any three points. (5)  
 B) Describe any two characteristic features of High land climates (H).
- OR
- A) Describe any three characteristic features of Tundra climate (ET) in the world.  
 B) Write any two salient features of Tropical wet climate (Af) in the world.
24. Explain about four major divisions of ocean floor with suitable diagrams. (5)

25. A) What are tides? Write any four uses of tides. (5)  
B) Explain about Spring tide and Neap tide on any two points  
OR  
A) Define the term ocean currents. What are the two types of ocean currents? Explain.  
B) How do ocean currents influence on the coastal areas and their economic activities? (write any three points)
26. Distinguish between western ghats and eastern ghats of India on any five points. (5)  
OR  
How are Islands of Arabian sea different from Islands of Bay of Bengal? (write any five points).
27. A) How are tropical evergreen forests different from tropical deciduous forests in terms of their location and the characteristic features of the forest? Write any two names of the trees found in each type of forest. (5)  
B) Write a short note on tropical thorn forests on any four points.  
OR  
A) What are the three types of Social Forestry?  
B) Write any four reasons for declining of wild life in India.  
C) Describe any four measures taken by union and state Governments to conserve wild life in India.
28. A) Distinguish between alluvial soil and black soils of India on any three points. (5)  
B) Write any four causes of soil erosion.  
OR  
Explain the various methods that are practised on the plain and hilly areas to conserve the soil with suitable diagrams.

#### SECTION-D

29. Point out the following places on the outline map of the WORLD: (5)  
1) Yellow stone national park.  
2) Scotia plate.  
3) Gulf stream  
4) Kuroshio ocean current  
5) Califormea ocean current.
30. Point out the following places on the outline map of INDIA: (5)  
1) Chota nagpur plateau  
2) An area getting rainfall of 50 cm per year  
3) An area having tropical rain forest  
4) Nilgiri Bio reserve  
5) River Mahanadi.