



विद्या सर्वार्थ साधिका

ANANDALAYA
PERIODIC TEST - 3
Class: XI

Subject: Geography (029)
Date: 05-01-2024

MM: 40
Time: 1 Hr. 30 min.

General Instructions:

1. There are 18 questions in this question paper. All questions are compulsory.
2. This question paper has five sections: A, B, C, D and E
3. Section A - Q. No. 1 to 10 are objective type questions and carry 1 mark each.
4. Section B - Q. No. 11 is a source-based question and carries 3 marks.
5. Section C - Q. No. 12 to 15 are short answer questions and carry 3 marks each. (Word limit 50-60)
6. Section D - Q. No. 16 & 17 are long answer questions and carry 5 marks. (Word limit 90-100)
7. Section E - Q. No 18 Map pointing.

SECTION A

1. In the mature stage, what are the loop - like channel patterns that develop in rivers? (1)
A) Meanders B) Natural levees
C) V- shaped valley D) Delta
2. Deflation and Abrasion are the activities associated with agent of _____. (1)
A) sea waves B) rivers C) winds D) glaciers
3. The total number of wings a seif has _____. (1)
A) three B) one C) two D) four
4. Which layer of the atmosphere is useful for various biological activities? (1)
A) Ionosphere B) Troposphere C) Stratosphere D) Thermosphere
5. Radio waves transmitted from the earth are reflected back to the earth by _____ layer. (1)
A) Troposphere B) Ionosphere C) Thermosphere D) Exosphere
6. Differences in pressure on the earth surface causes _____. (1)
A) winds B) rainfall C) seasons D) hailstones
7. On which day the earth is nearest to the Sun? (1)
A) 21st June B) 22nd December C) 3rd January D) 4th July
8. The atmosphere is mainly heated by the _____. (1)
A) incoming solar radiation B) long wave Terrestrial radiation
C) reflected solar radiation D) scattered solar radiation
9. If an airmass is fully lifted above the land surface, it is called _____. (1)
A) warm front B) cold front C) occluded front D) cyclone
10. Near the equator the sea level pressure is _____ and near the poles the pressure is _____. (1)
A) low, high B) high, low C) low, low D) high, high

SECTION-B

11. Read the passage and answer the following questions given below: (3)
- Atmosphere is a mixture of different gases and it envelopes the earth all round. It contains life -giving gases like oxygen for humans and animals and carbon dioxide for plants. The atmosphere consists of different layers with varying density and temperature. Troposphere is the lower most layer. Its average height is 13 km and extends roughly to a height of 8 km near the poles and about 18 km at the equator. This layer contains dust particles and water vapour.
- 11.1 What do you understand by Normal lapse rate?
- 11.2 Why is the troposphere considered a very important layer for us?
- 11.3 “Carbon dioxide is largely responsible for the Greenhouse effect”. Justify this statement.

SECTION-C

12. Describe any three depositional landform features that are formed by the work of a river with suitable diagrams. (3)
13. Explain any three factors that are controlling temperature distribution. (3)
14. Describe any three ways of heating and cooling of atmosphere. (3)
15. What are fronts in the atmosphere? How far warm front different from cold front? Write any two points. (3)

SECTION-D

16. Explain any three erosional landform features and any two depositional land form features that are created by the work of sea waves with suitable diagrams. (5)
17. Define the term Tropical cyclone. What are the different names of tropical cyclones all over the world? Describe any four characteristic features of tropical cyclone. (5)

SECTION-E

18. On the given outline map of the world, mark and label the following ocean currents: (5)
- a) Gulf stream
 - b) Benguela current
 - c) Kuroshio current
 - d) Peruvian current
 - e) Agulhas current