



विद्या सर्वार्थ साधिका

ANANDALAYA
PERIODIC TEST – 2
Class: XI

Subject : Geography (029)
Date : 25-09-2023

M.M: 70
Time : 3 Hours

General Instructions:

1. This question paper contains 30 questions. All questions are compulsory.
2. This question paper is divided into five sections. Sections-A, B, C, D and E.
3. Section A - Question numbers 1 to 17 are Multiple Choice type questions carrying 1 mark each.
4. Section B - Question numbers 18 and 19 are Source based questions carrying 3 marks each.
5. Section C - Question numbers 20 to 23 are Short Answer type questions carrying 3 marks each. Answer to these questions shall be written in 80 to 100 words.
6. Section D - Question numbers 24 to 28 are Long Answer type questions carrying 5 marks each. Answer to these questions shall be written in 120 to 150 words.
7. Section E - Question number 29 and 30 is a Map based questions.

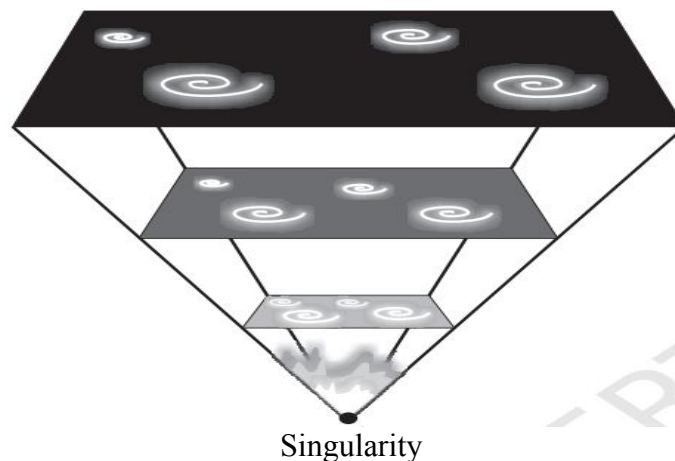
SECTION-A (MCQ)

1. Moho's discontinuity lies in between _____. (1)
(A) the crust and the mantle (B) the mantle and the core.
(C) the upper and lower mantle (D) asthenosphere and lower mantle
2. The shape of the earth is _____. (1)
(A) oval (B) flat (C) round (D) geoid
3. Orogenic movement refers to _____. (1)
(A) earthquakes (B) mountain building movement
(C) rise and fall of sea level (D) volcanism
4. Physical Geography doesn't include _____. (1)
(A) Geomorphology (B) Climatology
(C) Soil Geography (D) Political Geography
5. The material forming the moon was separated from what we have at present the depression (1)
occupied by _____ ocean.
(A) Atlantic ocean (B) Pacific ocean (C) Arctic ocean (D) Indian ocean
6. Identify and write the correct combinations from the following options: (1)
Name of the philosophers and scientists: Hypotheses/ Theories:
(A) Immanuel Kant, Laplace i) Plate Tectonic
(B) Morgan, Parker ii) A dumb-bell-shaped body
(C) Alfred Wegener iii) Continental Drift theory
(D) Sir George Darwin iv) Nebular Hypothesis
7. Arthur Holmes discussed the possibility of _____. (1)
(A) Convergence force operating in the crust.
(B) Convection currents operating in the mantle portion.
(C) Divergence force operating in the mantle portion
(D) Convection currents operating in the crust.
8. Arrange the four stages of gradation to complete the process in chronological order: (1)
(1) Weathering, (2) Transportation
(3) Deposition (4) Erosion,
(A) 1 4 2 3 (B) 4 1 3 2 (C) 2 3 1 4 (D) 3 2 4 1
9. First, life on the earth was originated in _____. (1)
(A) Air (B) Water (C) Plain (D) Mountain

In the following question number 10 & 11 two statements are given in the question below as Assertion and Reasoning. Read the statements and choose the appropriate option:

10. Assertion: Lithospheric Plates move horizontally over the asthenosphere as rigid units. (1)
Reason: "A lithospheric plate may be referred to as the continental plate or oceanic plate depending on which of the two occupy a larger portion of the plate."
(A) Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.
(B) Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
(C) Assertion is true but Reason is false.
(D) Assertion is false but Reason is true.
11. Assertion: "The early atmosphere, with hydrogen and helium, is supposed to have been stripped off as a result of the solar winds." (1)
Reason: "During the cooling of the earth, gases and water vapour were released from the interior solid earth."
(A) Only assertion is correct
(B) Only reason is correct
(C) Both assertion and reason are correct and reason is the correct explanation for assertion.
(D) Both assertion and reason are correct but reason is not the correct explanation for assertion.
12. Consider the following statements and choose the correct option from the given options (1)
I: Soil is a dynamic medium in which many chemical, physical and biological activities occur.
II. Soil formation or paedogenesis depends first on weathering and weathering is the basic input for soil to form.
(A) Only statement I is correct
(B) Both the statements are true and statement II correctly present the reason for statement I.
(C) Only Statement II is correct
(D) Both the statements I and II are incorrect.
13. Which of the following is not a terrestrial planet? (1)
(A) Mercury (B) Venus (C) Jupiter (D) Mars
14. The single super continent was called as _____. (1)
(A) Pangaea (B) Laurasia (C) Gondwana land (D) Panthalasa

Based on the following diagram of "Bing Bang", answer question numbers 15 to 17.



15. The Big Bang Theory is also called as _____. (1)
(A) Enlarging universe hypothesis. (B) Giant splat theory.
(C) Expanding universe hypothesis. (D) Planetesimal theory.
16. At the Big Bang the "tiny ball" _____. (1)
(A) Exploded violently which led to a huge destruction.
(B) Exploded violently which led to a huge expansion.
(C) Enlarged enormously which led to a huge expansion.
(D) Decreased in size and then this led to a huge expansion.

17. It is now generally accepted that the event of big bang took place before _____ billion years. (1)
(A) 5.5 (B) 17.3 (C) 4.6 (D) 13.7

SECTION B (Source based questions.)

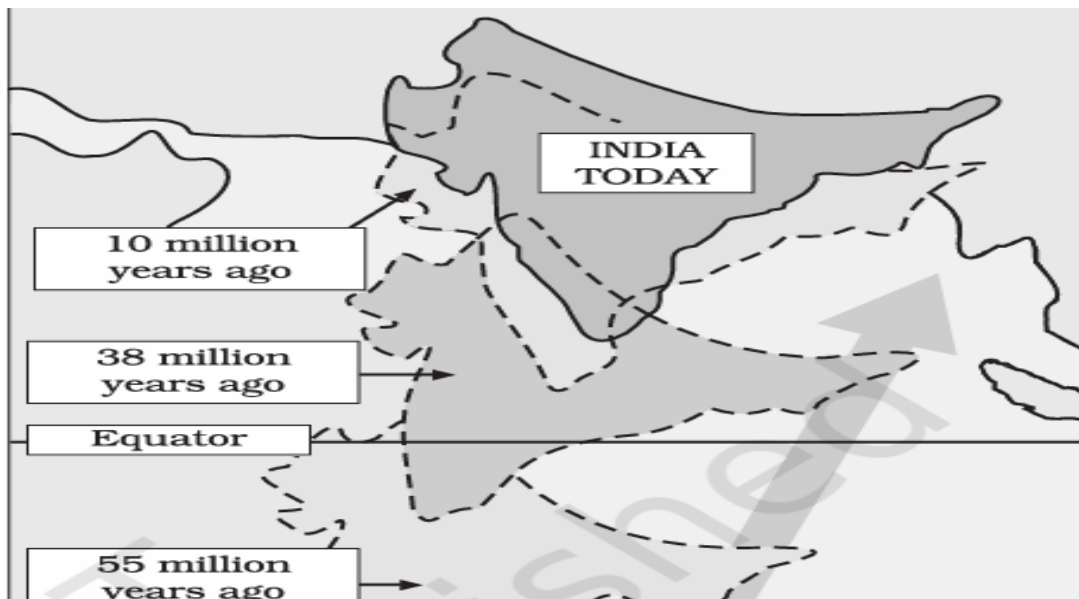
18. Earth is our home. It is also the home of many other creatures, big and small, which live on the earth and sustain. The earth's surface is not uniform. It has variations in its physical features. There are mountains, hills, valleys, plains, plateaus, oceans, lakes, deserts and wilderness. There are variations in its social and cultural features too. There are villages, cities, roads, railways, ports, markets and many other elements created by human beings across the entire period of their cultural development. This variation provides a clue to the understanding of the relationship between the physical environment and social/cultural features. (3)

(A) How do you relate your physical environment with that of your social and cultural life? Give any two examples.

(B) How does Geography as a subject interrelate with other branches of Social Science? Give any two examples.

(C) Name the Greek scholar who first coined the term "Geography".

19. (3)



Observe the map of the "Movement of the Indian plate" and answer the following questions:

(A) The subduction zone along the Himalayas forms the northern plate boundary of Indian plate in the form of continent. Name the continent.

(B) Why do the Scientists believe that the process of the young fold mountain formation is still Continuing? Give one reason.

(C) "The two major plates were separated by the Tethys Sea". The two major plates are Indian subcontinent and _____ plates.

SECTION-C (Short Answer type questions.)

20. "The earth forming materials got separated into different layers." (3)
Explain in three stages about the evolution of Lithosphere in different layers.

OR

Explain the evolution of Hydrosphere in three stages.

21. Describe any three features of mechanical weathering with suitable diagrams. (3)
22. Explain the three types of plate boundaries of the earth with suitable diagrams. (3)
23. "Volcanoes are classified on the basis of nature of eruption and their formation." (3)

Explain the formation of Shield volcanoes and Composite volcanoes with suitable diagrams.

OR

Explain the stages of formation of a caldera with suitable diagrams.

SECTION D (Long Answer Type questions.)

24. (A) How do you differentiate inner planets from outer planets? Write any two points. (5)
 (B) Explain the three stages of formation of a planet.
25. “Variety of evidences were offered in support of the continental drift theory” (5)
 Critically examine the theory of continental drift by supporting any three major evidences and the suggested two forces responsible for the drift.
26. (A) Describe any two types of earthquakes caused by human interference into the nature. (5)
 (B) Write the name of the two body waves of an earthquake.
 (C) Write any two points of differences in between these two body waves.
27. Explain any five land forms of intrusive igneous rocks with their suitable diagrams. (5)

OR

Draw the diagram of the interior structure of the earth and describe any four characteristic features of the mantle of the earth’s interior.

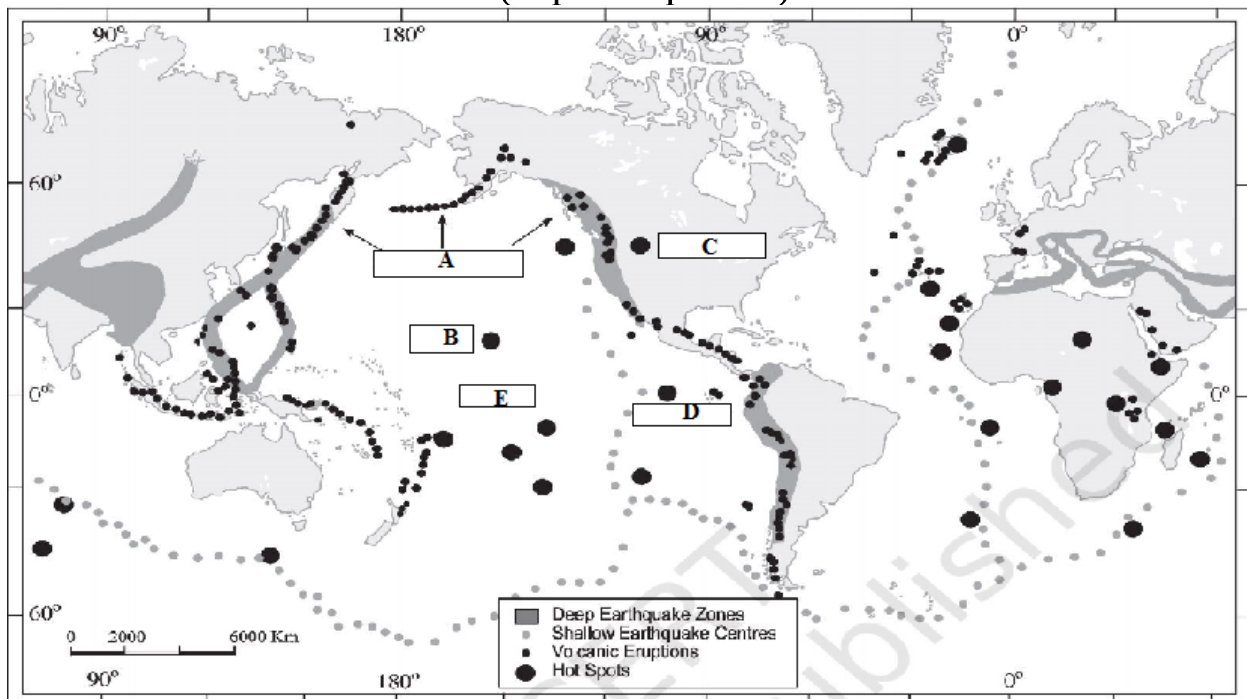
28. (A) Name any two factors of soil formation. (5)
 (B) Compare the processes of erosion and deposition on any four points.

OR

- (A) Define the term “weathering”.
 (B) Mention any two types of chemical weathering.
 (C) Analyse the role of biological weathering as an exogenic geomorphic process.

SECTION E (Map based questions)

29. (5)



Identify A, B, C, D and E shown in the given map based on the following clues:

- (A) A belt of deep earthquake zone with volcanoes and hot spots.
 (B), (C) and (D) are three different hot spots.
 (E) An ocean.
30. Locate and label the following features on the outline map of the world with appropriate symbols: (5)
 (A) Arabian plate
 (B) Philippine plate
 (C) Nazca plate
 (D) Java Trench
 (E) Mid-Atlantic Ridge.