

CE-I

Geomorphology

- ① What is Geomorphology? Explain its nature and scope.
- ② Briefly explain about the internal structure of the earth. Bring out the relevance of seismic study in determining the structure of interior of earth.
- ③ Define the concept of Isostasy and discuss the postulations of Airy and Pratt.
- ④ What is Rocks? Explain its types and characteristics.
- ⑤ Present a critical analysis of the theory of Isostasy.
- ⑥ Write a short note: classification of Earth movement.
- ⑦ What is fold? Explain its types.
- ⑧ What is fault? Explain its types.
- ⑨ Bring out the distinctions between the continental drift theory & the Plate tectonics' theory.
- ⑩ Write a short note on plate tectonic.

- (11) Discuss the limitations of the theory of Continental Drift & show how the theory of Plate Tectonics is an improvement over it.
- (12) Discuss, with examples, the influence of vulcanism & diastrophism on the evolution of landscape.
- (13) Explain about the World distribution of vulcanism.
- (14) Write a short note about the nature of lava.
- (15) Write a short note: Role of seismic waves in the study of the earth's interior.
- (16) Explain about the World distribution of Earthquake.
- (17) Write short note: Geosyncline.
- (18) Briefly explain the Geosynclinal Theory given by Hall & Dana.
- (19) Explain the stages of mountain building given by Weber.
- (20) Critically evaluate the convection current theory.

- (21) Write short-note: Geomorphic processes.
- (22) Discuss the processes of mechanical & chemical weathering & show their relationship in soil formation.
- (23) What is major difference between Erosion & weathering.
- (24) Write short note about Mass-wasting.
- (25) What is Biological Weathering.
- (26) Discuss the concept of cycle of erosion & bring out clearly the difference between views of Davis & Penck.
- (27) Discuss the views of W. M. Davis and Walter Penck on the cycle of erosion.
- (28) Analyse the models of slope evolution proposed by Davis & Penck.
- (29) Highlight the geomorphic features essentially found in topographies under the cycle of erosion.
- (30) Landform is function of structure, processes & stages. Explain it.

- (31) Discuss the evolution & characteristics of the landforms formed by fluvial process.
- (32) Discuss the 3 phase works of River.
- (33) Discuss the evolution & characteristics of the landforms of glaciated regions.
- (34) Analyse the sequential development of landforms in ~~either~~ karst regions.
- (35) Write a short note on essential conditions for the development of karst topography.
- (36) Analyse the sequential development of landforms formed by coastal erosion.
- (37) Explain the sequential development of landforms associated with desert areas.
- (37) Explain the ~~of~~ erosional & Depositional features formed by the action of wind.

CE-II (Cartography)

- 1) Define Cartography? Explain its nature & scope.
- 2) What is map? Explain its characteristics & significance to Geography.
- 3) Write a short-note about the branches of Cartography.
- 4) "Cartography as a Science of human communication" Elaborate it.
- 5) Briefly explain about the concept of scale & its application in Geography.
- 6) Write a short-note: on Geodesy
- 7) Define scale? Explain the types of scale with diagrams.
- 8) Write a short note on Geographical Coordinates
- 9) What is Graticule?

- (10) What is Map projection? Explain its uses in Geography.
- (11) Explain the simple cylindrical projection & its use.
- (12) Explain the conical one standard projection & its uses.
- (13) Interpret all the features of given geological map.
- (14) Define the slope by using Wundworth's method.

GE-I

(Geography of India)

- ① India presents an example of unity in diversity. Elucidate this statement in the context of India's physical & human aspects.
- (2) Explain the skeletal structure & features of the Himalayan range.
- (3) Give an outline of the geological history of the Peninsular India & in its terms, explain salient features of the relief of these areas.

- (4) Discuss the relief features of Indian northern plains.
- (5) Describe the structure & relief features of Peninsular India.
- (6) Give a brief account of the second order regions of Indian Peninsular plateau.
- (7) Discuss about the coastal regions of India & its economic significance.
- (8) Write a short note on the Great Indian Desert.
- (9) Write a short note on the Island regions of India.
- (10) Define soil? Explain its types & distribution in India.
- (11) Explain the cause of soil erosion occurring over extensive areas in certain parts of India. What measures would you suggest for solving this problem.
- (12) Explain the origin & mechanism of Indian monsoon.

- (13) Discuss the major characteristics of the Indian monsoon with special emphasis on the causative factors.
- (14) Explain the geographical factors responsible for the growth of vegetation in India & discuss its role in coastal ecology.
- (15) Discuss the distribution & characteristics of evergreen forest in India.
- (16) Discuss the spatial distribution of Natural vegetation in India with the help of a sketched map.
- (17) Discuss the factors influencing the density distribution of population in India.
- (18) Explain the Demographic structure of India.
- (19) Explain the trends of the growth of the population of India.
- (20) Briefly explain about the racial distribution of population in India.
- (21) Write a short-note on Religion of India.
- (22) Write a short-note on Language of India.

(27) Discuss the major tribes of India & its distribution with a sketch map.

(28) Explain the recent trends of Urbanisation in India.

(29) Discuss the production & distribution of Iron-ore in India with a sketch map.

(30) Discuss the production & distribution of Coal in India.

(31) Explain about the major ^{areas of} Petroleum reserve & production in India.

(32) Give a short-note on Natural gas in India.

(33) Discuss the production & distribution of either rice & wheat.

(34) What are cash crops? Explain about the production & distribution of either Tea & coffee in India.

(35) Write a short-note on Aluminium Industry in India.

(36) Write a short-note on Iron & Steel Industry in India.

- (37) Explain the distribution of Iron & steel industry in India.
- (38) Write a short note on IB.
- (39) Explain the production & distribution of Bauxite in India.
- (40) Write a short note on Automobile in India.
- (41) What is Transport network in India & explain its significance in economic development.
- (42) Discuss the land-transport system in India.
- (43) Discuss the civil Aviation system of our country.
- (44) Discuss the major Water-transport system of India.
- (45) Discuss the role of Railways as a unifying factor in Indian Economy.
- (46) Critically examine the complementary & competitive character of Indian railway network & Road network.
- (47) Discuss the growing importance of ports in foreign trade of India.

GE-II Geog. of Odisha

- (1) Briefly explain the physiography of Odisha with a sketch map of Odisha.
- (2) Explain the River system of Odisha.
- (3) What is soil? Explain the types & distribution of soil in Odisha.
- (4) Define climate? Explain the climate of Odisha.
- (5) Discuss the major natural vegetation of Odisha.
- (6) Discuss the types of Irrigation in Odisha.
- (7) Explain the production & distribution of Rice, pulses, oil seeds of Odisha.
- (8) What are the major problems & prospects in agricultural development of Odisha.
- (9) Explain the major Iron-ore distribution areas of Odisha.
- (10) Explain the bauxite distribution areas of Odisha.
- (11) Discuss the major coal distribution

areas of Odisha.

- (12) Draw sketch map of Odisha & show the distribution of Iron-ore and steel industry.
- (13) Explain the growth & distribution of population in Odisha.
- (14) What is Urbanisation & explain the trends of urbanisation in Odisha.
- (15) Explain the ^{devt of} Roadways & Railways of Odisha.

CC-VIII (Evolution of Geographical Thought)

- (1) Write an essay on the contribution of European geographers to the development of Geographical Thought.
- (2) Discuss the contribution of Arab scholars towards development of geographical knowledge.
- (3) Write an essay on the contribution of Indian philosophers to the development of Geography.

- (4) Give a comparative assessment of the works of Humboldt & Ritter leading to the foundation of modern geographical thought.
- (5) Discuss the contribution of Retall towards development of Geographical Thought.
- (6) Explain the major contribution of Vidal-De La-Blache to the foundation of modern Geographical Thought.
- (7) Explain the major contribution of H. J. MacKinder towards Geographical Thought.
- (8) Examine critically the concepts of determinism & possibilism. Bring out the significance of regional concept.
- (9) Explain the Dichotomy in systematic vs regional geography.
- (10) Write a short note: Dualism in Geography.
- (11) Explain the Dichotomy in physical vs human Geography.
- (12) Explain the Dichotomy in Idiographic vs Nomothetic approach.

(13) What is understood by quantification in Geography? Discuss the significance of quantification in modern geographical studies with examples.

(14) Write a short-note on Behavioural approach in Geography.

(15) Write a short-note on Radical Approach in Human Geography.

(16) Quantitative Revolution & model building provided an empirical basis for geographical research.
- Elaborate.

