1. GEO-H-DSC-1-01-TH (Geotectonic):

Assignments:

1.Research and analyze the plate boundaries and their impact on natural phenomena like earthquakes and volcanoes.

2. GEO-H-DSC-1-01-PR (Practicals):

Assignment: Create a project file demonstrating cartographic techniques, including map design and projection selection.

3. GEO-H-DSC-1-02-TH (Geomorphology):

Assignment: Investigate erosional and depositional landforms in a selected region and explain the processes that shaped them.

4. GEO-H-DSC-1-02-PR (Practicals):

Assignment: Identify and classify rocks and minerals in a given geological sample, and interpret topographical maps.

5. GEO-H-DSC-2-03-TH (Human Geography):

Assignment: Examine the human-environment interactions in a specific region and their implications on resource relationships.

6. GEO-H-DSC-2-03-PR (Practicals):

Assignment: Create thematic maps depicting population density and resource distribution using spatial data.

7. GEO-H-DSC-2-04-TH (Settlement Geography):

Assignment: Analyze the growth patterns and characteristics of rural and urban settlements in a particular area.

8. GEO-H-DSC-2-04-PR (Practicals):

Assignment: Apply surveying techniques to map settlement areas and create thematic maps illustrating settlement features.

9. GEO-H-DSC-3-05-TH (Climatology):

Assignment: Investigate the climatic regions of a country or region and study the formation of cyclones.

10. GEO-H-DSC-3-05-PR (Practicals):

Assignment: Analyze meteorological data collected from weather stations and interpret climatic patterns.

11. GEO-H-DSC-3-06-TH (Statistical Methods in Geography):

Assignment: Use statistical methods to analyze geographical data related to population, resources, or economic activities.

12. GEO-H-DSC-3-06-PR (Practicals):

Assignment: Calculate descriptive statistics and correlations for geographic data analysis.

13. GEO-H-DSC-3-07-TH (Geography of India):

Assignment: Analyze the physical, economic, and social geography of a specific region in India using regionalization criteria.

14. GEO-H-DSC-3-07-PR (Practicals):

Assignment: Interpret temperature and rainfall graphs of selected Indian stations and calculate population growth rates and measures of inequality.

15. GEO-SEC-A-3-01-TH (Remote Sensing):

Assignment: Apply remote sensing techniques to analyze land cover changes and their implications in a specific area.

16. GEO-SEC-A-3-01-TH (Rural Development):

Assignment: Develop a rural development plan for a specific region, considering area-based and target group approaches.

17. GEO-H-DSC-4-08-TH (Economic Geography):

Assignment: Analyze the location factors and distribution of a specific economic activity, such as mining or manufacturing.

18. GEO-H-DSC-4-08-PR (Practicals):

Assignment: Perform transport network analysis and represent state-wise occupational structure using proportional circles.

19. GEO-H-DSC-4-09-TH (Regional Planning and Development):

Assignment: Propose a regional development plan using Growth Pole or Growth Centre models for balanced development.

20. GEO-H-DSC-4-09-PR (Practicals):

Assignment: Apply weighted index and Location Quotient methods to delineate formal and functional regions and assess regional inequality.

21. GEO-H-DSC-4-10-TH (Field Work and Research Methodology):

Assignment: Conduct fieldwork to investigate a specific geographical issue and define research problems and objectives.

22. GEO-H-DSC-4-10-PR (Practical - Field Survey):

Assignment: Prepare a comprehensive field report based on data collected during field surveys and present findings.

23. GEO-SEC-A-4-02-TH (Geographical Information System - GIS):

Assignment: Analyze land use changes in a region using GIS data and create thematic maps for urban sprawl analysis.

24. GEO-SEC-A-4-02-TH (Tourism Management):

Assignment: Develop a tourism management plan for a specific tourist destination considering recent trends and sustainability.

25. GEO-H-DSC-5-11-TH (Environmental Geography):

Assignment: Investigate global, national, or regional environmental programs and policies and assess their effectiveness.

26. GEO-H-DSC-5-11-PR (Practicals):

Assignment: Prepare a questionnaire for an environmental perception survey and conduct a project on environmental issues in North Bengal.

27. GEO-H-DSC-5-12-TH (Remote Sensing and GIS):

Assignment: Analyze satellite imagery to monitor land use changes and apply GIS overlays for forest monitoring.

28. GEO-H-DSC-5-12-PR (Practicals):

Assignment: Interpret satellite imagery and perform image processing and classification using GIS tools.

29. GEO-H-DSE-5-01-TH (Population Geography - Theory):

Assignment: Study the demographic characteristics of a specific region and analyze trends related to aging population, sex ratio, and HIV/AIDS.

30. GEO-H-DSE-5-01-PR (Population Geography - Practical):

Assignment: Project future population growth and map population density using demographic data.

31. GEO-H-DSE-5-01-TH (Resource Geography - Theory):

Assignment: Investigate the distribution and management of a specific natural resource, such as water or forests, in a selected region.

32. GEO-H-DSE-5-01-PR (Resource Geography - Practical):

Assignment: Map land use/land cover changes and calculate Human Development Index for selected Indian states.

33. GEO-H-DSE-5-02-TH (Urban Geography - Theory):

Assignment: Analyze the urbanization patterns and urban issues in a North Bengal urban center and propose solutions for sustainable urban development.

34. GEO-H-DSE-5-02-PR (Urban Geography - Practical):

Assignment: Analyze urban settlement hierarchy and urbanization trends in different states using Census data.

35. GEO-H-DSE-5-02-TH (Agricultural Geography - Theory):

Assignment: Assess the impact of agricultural revolutions in India (Green, White, Blue, Pink) and analyze their significance in increasing agricultural productivity.

36. GEO-H-DSE-5-02-PR (Agricultural Geography - Practical):

Assignment: Measure agricultural efficiency and cropping intensity in a specific agricultural region.

37. GEO-H-DSC-6-13-TH (Evolution of Geographical Thoughts - Theory):

Assignment: Analyze the transition from pre-modern geographical thought to modern approaches in different regions.

38. GEO-H-DSC-6-13-PR (Evolution of Geographical Thoughts - Practical):

Assignment: Use quantitative techniques to analyze geographical data and study crop combination methods.

39. GEO-H-DSC-6-14-TH (Disaster Management - Theory):

Assignment: Evaluate the effectiveness of disaster management strategies in handling earthquakes, landslides, floods, and human-induced disasters.

40. GEO-H-DSC-6-14-PR (Disaster Management - Practical):

Assignment: Prepare a project report on a specific disaster case study and analyze disaster response and mitigation measures.

41. GEO-H-DSE-6-03-TH (Advanced Cartography - Theory):

Assignment: Compare and contrast different map projections and assess their appropriateness for specific applications.

42. GEO-H-DSE-6-03-PR (Advanced Cartography - Practical):

Assignment: Create maps with different projections and conduct digital image processing for map enhancement.

43. GEO-H-DSE-6-03-TH (Political Geography - Theory):

Assignment: Analyze geopolitical theories like Heartland and Rimland and examine resource conflicts and politics of displacement.

44. GEO-H-DSE-6-03-PR (Political Geography - Practical):

Assignment: Prepare spatial distribution maps for gender, caste, and religion in India and analyze migration data.

45. GEO-H-DSE-6-04-TH (Hydrology and Oceanography - Theory):

Assignment: Investigate the hydrological cycle and analyze oceanic movements and their impact on climate and marine resources.

46. GEO-H-DSE-6-04-PR (Hydrology and Oceanography - Practical):

Assignment: Measure the morphometric characteristics of a river basin and calculate discharge using area velocity methods.

47. GEO-H-DSE-6-04-TH (Social Geography - Theory):

Assignment: Study the spatial distribution of social categories and analyze the peopling process of India.

48. GEO-H-DSE-6-04-PR (Social Geography - Practical):

Assignment: Create flow charts to illustrate migration trends and prepare thematic maps for social distribution analysis.