

M.A./M.Sc. Geography
Fourth Semester
Paper – IV (44364 A) Industrial Geography

Unit – I

- a) Nature and scope of industrial geography, recent development in industrial geography
- b) Classification of industries: bases and characteristics
- c) Elements and factors of industrial localization, centralization and decentralization of industrial enterprises
- d) Horizontal, vertical and diagonal linkages of industries

Unit – II

Basic economic concepts, theories and models of industrial locations:

- a) Demand, supply and price; marginal cost and average cost
- b) Economies of scale and agglomeration and related concepts
- c) A. Weber, E. M. Hoover, August Losch, A. Fetter, G. T. Renner
- d) A. Pred, Palander Tord, D. M. Smith, E. M. Rawstron, Bos H. C. & Hamilton

Unit – III

Geographical analysis of selected industries in the world with reference to India:

- a) Copper, Aluminium and Iron and steel
- b) Pulp and paper, Textile
- c) Oil refining, shipbuilding and software industries
- d) Locational analysis of zinc and cement industries of Rajasthan

Unit – IV

- a) Industrial location and spatial distribution analysis and measures: coefficients of localisation, specialisation, geographic association and index of diversification
- b) Delimitation of industrial regions: indices and methods
- c) Study of major industrial regions of the world: Great Lakes region and Lancashire region
- d) Major industrial regions of India

Unit – V

- a) Environmental degradation and hazards caused by manufacturing industries
- b) Impact of industries on economic development
- c) Role of globalisation on manufacturing sector in less developed countries
- d) Shifting of industries and its impact on the urban fringe

References:

1. Adam, Watter, Structure of American Industry, Macmillan & Co., New York
2. Alexander, J. W., Economic Geography, Prentice Hall, New York
3. Alexanderson, G., Geography of Manufacturing, Prentice Hall, New York, 1967
4. Bengston, N. A. and V. L. Royen, Fundamental of Economic Geography, Prentice Hall, New York

5. Boesch, H., A Geography of World Economy, D. Van-Nostrand Co., New York, 1964
6. Britton, John N. H., Regional Analysis and Economic Geography, G. Bell & Sons
7. Carlson, A. S., Economic Geography of Industrial Materials, Rinchart Publishing Corporation
8. Eastall, R. C. and R. O. Buchanan, Industrial Activity and Economic Geography, Hutchinson, London
9. Hoover, E. M., The Location of Economic Activity, McGraw Hill, New York, 1948
10. Joshi, Hemlata , Industrial Geography of India: A Case History of Fertiliser Industry, Rawat Publishers, Jaipur
11. Lloyd, P. and P. Dicken, Location in Space: A Theoretical Approach to Economic Geography, Harper and Row, New York, 1978
12. Losch, August, The Economics of Location, Yale University Press, London, 1973
13. McCarty, Harold H. and Lindberg, A Preface to Economic Geography, Prentice Hall, New York
14. Miller, E. W., A Geography of Manufacturing, Prentice Hall, New York, 1962
15. Renner, G. T., Geography of Industrial Localisation, Economic Geography, Vol. 23, 1947
16. Riley, R. C., Industrial Geography, Chatto and Windus, London, 1973
17. Saushkin, Yu. G., Economic Geography: Theory and methods, Progress Publishers, Moscow, 1980
18. Smith, D. M., Industrial Location: An Economic Geographical Analysis, Wiley, New York, 1971
19. Weber, Alfred, Alfred Weber's Theory of Location of Industries, Chicago University Press, Chicago, 1929
20. Yaseen, Leonard, Plant Location, American Research Council, New York
21. कुमार, प्रमिला एवं षर्मा, श्रीकमल : औद्योगिक भूगोल, मध्यप्रदेश हिन्दी ग्रन्थ अकादमी
22. लोढा, राजमल : औद्योगिक भूगोल, राजस्थान हिन्दी ग्रन्थ अकादमी