

# 5118 A

## M.A. / M.Sc. (Final) Geography Paper - IV (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 localisation.
- d) Centralisation and decentralisation of industrial enterprises.
- e) Horizontal, vertical and diagonal linkages of industries.

### Unit - II

#### **Basic economic concepts:**

- a) Demand, supply and price; marginal cost and average cost.
- b) Economies of scale and agglomeration and related concepts.

#### **Critical review of theories and models of industrial location:**

- c) Weber, E.M. Hoover, August Losch and A. Fetter.
- d) Schooler, G.T. Renner, A. Pred and Palander Tord.
- e) 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 and shipbuilding.
- d) Software industries.
- e) Locational analysis of zinc and cement industry 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:
- d) Ruhr region and Great Lakes region.
- e) Industrial belt of Japan, Ukraine region and Lancashire region.

### Unit - V

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

### **Suggested Readings:**

1. Adam, Watter, Structure of American Industry, Macmillan & Co., New York.
2. Alexander, J.W., Economic Geography, Prentice Hall, New York.
3. Bengston, N.A. and V.L. Royen, Fundamental of Economic Geography, Prentice Hall, New York.
4. Boesch, H., A Geography of World Economy, D. Van-Nostrand Co., New York, 1964.
5. Britton, John N.H., Regional Analysis and Economic Geography, G. Bell & Sons.
6. Eastall, R.C. and R.O. Buchanan, Industrial Activity and Economic Geography, Hutchinson, London.
7. Hoover, E.M., The Location of Economic Activity, McGraw Hill, New York, 1948.
8. Joshi, Hemlata, Industrial Geography of India: A Case History of Fertiliser Industry, Rawat Publishers, Jaipur.
9. Losch, August, The Economics of Location, Yale University Press, London, 1973.
10. Miller, E.W., A Geography of Manufacturing, Prentice Hall, New York, 1962.
11. Riley, R.C., Industrial Geography, Chatto and Windus, London, 1973.
12. Saushkin, Yu G., Economic Geography: Theory and methods, Progress Publishers, Moscow, 1980.