

Expected Responses

- a) L - Gas
- M - Oil/petroleum
- N - Water

- b) - Wax
- Bitumen/pitch/asphalt
- Sulphur
- Lubricants/grease
- Resin/petro-chemicals

Question 4

- (a) Differentiate between manufacturing and tertiary industries. (2 marks)
- (b) State **three** factors that led to the growth of iron and steel industry in the Ruhr region of Germany. (3 marks)

Candidates were expected to give the difference between manufacturing and tertiary industries, then state the factors that favoured the growth of iron and steel industry in the Ruhr region of Germany.

Weaknesses

Many candidates did not know what tertiary industries are. They described them as though they were components or stages of processes in manufacturing.

Expected Responses

- a) Manufacturing is a process of changing raw materials into a finished product/commodity ready for use while tertiary industries provide services/facilities for use by other industries/consumers.
- b) Factors that led to the growth of iron and steel industry in the Ruhr region of Germany.
 - Availability of coal/iron ore/limestone as raw material
 - Cheap water transport of River Rhine
 - Availability of capital from rich merchants/companies/kruppe
 - Abundant sources of power such as coal/HEP
 - Ready market from central/western Europe/Internal market
 - Availability of skilled labour for local population.
 - Industrial interdependence/linkages
 - Availability of water from River Rhine/Lippe/Ruhr