



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND  
TECHNOLOGY SCHOOL OF SPATIAL PLANNING  
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF  
ARTS IN SPATIAL PLANNING  
SEMESTER 2      2024/2025 ACADEMIC YEAR**

**CENTRE: MAIN CAMPUS**

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**CODE: PPB1410: COURSE TITLE: PLANNING FOR INDUSTRIAL  
DEVELOPMENT**

**EXAM VENUE: MAIN CAMPUS      STREAM: SPATIAL PLANNING**

**DATE: 16/4/2025      EXAM SESSION: 15.00-17.00**

**TIME: 2 HOURS      VENUE: LAB 10**

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**Instructions:**

- 1. Answer question 1 (compulsory) and ANY other 2 questions.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

Q1a) Using examples, explain the following terms in the context of industrial development planning:

- i) Value addition [2Marks]
  - ii) Industrialization [2Marks]
  - iii) Industrial Park [2Marks]
  - iv) Circular economy [2Marks]
  - v) Skilled labour force [2Marks]
- b) Discuss the nexus between industrial development and economic growth using examples [10 Marks]
- c) Using examples, explain the key locational factors of industries [10 Marks]

Q2) Assume that you are the Chief Officer in charge of the directorate of industrialization in Siaya County.

- i) State your vision for industrial development in the county [2 Marks]
- ii) What strategies will you put in place in order to achieve your vision? [10 Marks]
- iii) What resources will you require in order to realize your vision within a period of five years [8Marks]

Q3a) Justify why every county in Kenya should plan for and execute plans for Special Economic Zones (SEZ) [10 Marks]

b) What physical planning standards will you take into consideration while planning for a Discuss the process of transformation from a agrarian to industrial economy [10 Marks]

Q4. Assume that your firm has been commissioned to prepare a Master Plan for an Industrial Park adjacent to River Nzoia in Siaya County covering 400 acres of land.

- i) Identify the key industries that you will include in the Master Plan [8 Marks]
- ii) Explain how you will ensure efficient transport system within the Industrial Park [5 marks]
- iii) Prepare an environmental Management Plan (EMP) for the proposed industrial development [7 Marks]

Q5a) Explain why every county in Kenya should formulate an industrialization policy [5 Marks]

b) Assume that you are a team leader responsible for delivering a benchmarkable industrialization policy for County X. What key aspects will you include in the policy? 10 Marks

c) What has prevented Kenya from achieving fast rate of industrialization? [5 Marks]

**THE END**