



FACULTY OF ENGINEERING AND THE ENVIRONMENT

DEPARTMENT OF MINING ENGINEERING

MINE MANAGEMENT

EMI 5102

Supplementary Examination

August 2023

This examination paper consists of 4 pages

Time Allowed: 3 hours

Total Marks: 100

Examiner's Name: Dr. Chiteka

INSTRUCTIONS

1. Choose any 4 **QUESTIONS** out of a total of **SEVEN** questions.
2. Each question **carries 25 marks**.
3. Where a question contains subdivisions, the mark value of each subdivision is shown in brackets.
4. Illustrate your answer, where appropriate, with large clearly labelled diagrams.
5. Start each question on a new page.

Additional Requirements

Calculator

MARK ALLOCATION

Question 1 to 7	25Marks
Part Questions	As shown in each part question
Total Attainable	100

Question 1

- a. Articulate the role of the International Labour Organisation in industrial relations. [15]
- b. With the aid of examples, explain the four different types of industrial disputes. [10]

Question 2

- a. Giving examples, critique the concept of “group dynamics” as applied to industrial management. [15]
- b. Hunger strikes do not work in developing countries. Discuss. [10]

Question 3

- c. Justify the adoption of the different 4IR technologies in the Zimbabwean mining industry. [15]
- d. Analyse the different stages of the industrial revolution in light of advancements in the Zimbabwean mining sector. [10]

Question 4

- a. Discuss the main functions of management in a mining organisation. [15]
- b. Differentiate between problem-solving and decision making. [10]

Question 5

- a. Using examples, explain the team building process in an organisation. [15]
- b. Differentiate between job enlargement and job enrichment. [10]

Question 6

- a. Identify an organisation of your choice and articulate each management level clearly analysing responsibilities and accountability. [15]
- b. Assess the causes of high turnover in a mining organisation. [10]

Question 7

- a. Explore and assess the Tuckman's five stages of group development. [15]
- b. Explain the role of IR as indicated in **Fig. Q7**. [10]

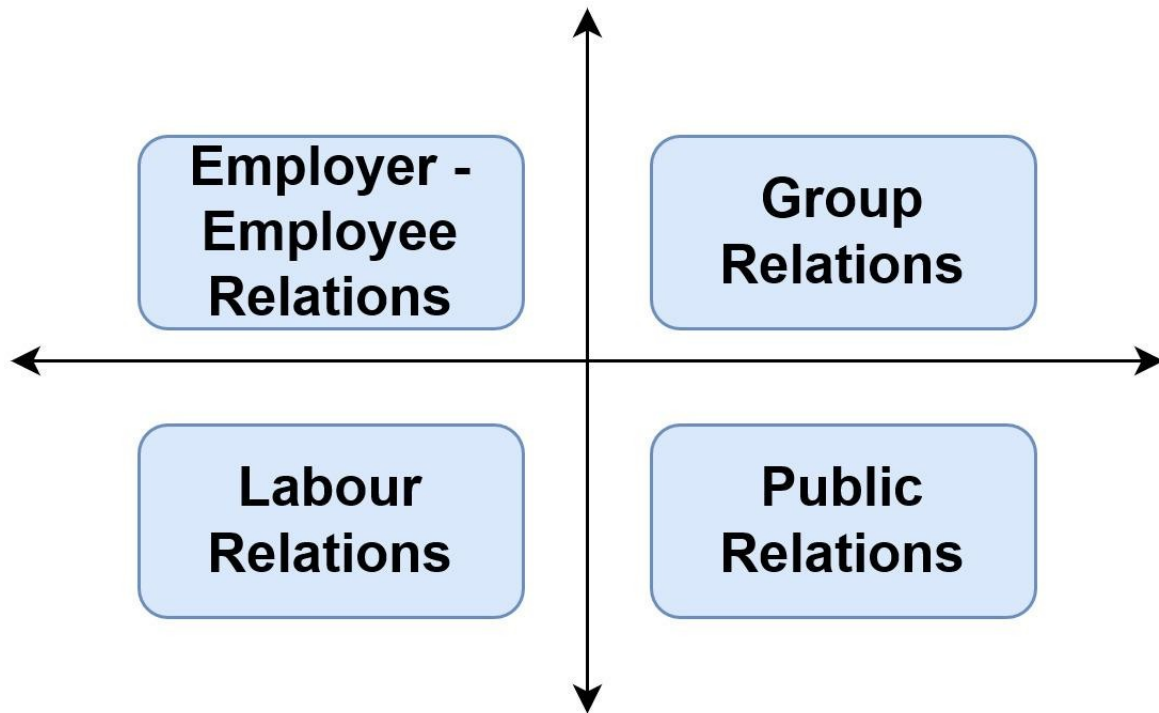


Figure Q7. Industrial relations

END OF QUESTION PAPER