



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF BUSINESS, ECONOMICS AND ACCOUNTING

DEPARTMENT OF BUSINESS ADMINISTRATION AND MANAGEMENT

EXAMINATION PAPER

COURSE CODE : CPS 405

COURSE TITLE : Material Planning and Production Control 1

SPECIAL REQUIREMENTS : NO SPECIAL REQUIREMENTS

DURATION : 3 Hours

LEVEL : 4:2

DATE :

08 JUL 2022

INSTRUCTIONS TO CANDIDATES:

1. No cell phones are allowed in the examination venue.
2. **QUESTION ONE IS COMPULSORY**
3. Answer **QUESTION ONE AND ANY THREE (3)** questions.
4. Begin each question on a new page.
5. The number of marks for each question or part question is shown in brackets []
6. Use of practical examples where necessary is encouraged

QUESTION ONE

The manufacturing activity of a plant is said to be “in control” when the actual performance is within the objectives of the planned performance. But if jobs are not being started and completed on schedule, great concern about the meeting of commitments would start to trouble management as poor production planning persist. Optimum operation of the plant is attained only if the original plan has been carefully prepared to utilize the manufacturing facilities fully and effectively. Challenges in job scheduling such as when an operation is to be performed, or when work is to be completed, may greatly affect the flexibility in production operations, full utilization of men and machines as well as the coordination operational coordination

(a) As the Production Manager, comment on the statements given above. (25 Marks)

SECTION B

QUESTION TWO

Explain how Purchasing supply personnel contribute to the Production Planning and Control objectives. (25 Marks)

QUESTION THREE

Write brief notes on the following:

- (i) Plant layout (5 Marks)
- ii) Batch production (5 Marks)
- iii) Continuous production (5 Marks)
- (iv) Process production (5 Marks)
- (v) Scheduling (5 Marks)

QUESTION FOUR

Explain the principles of plant layout highlighting the advantages of having a good layout. (25 Marks)

QUESTION FIVE

Examine the benefits of undertaking routine maintenance on the production plant. (25 Marks)

END