



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF LAW, BUSINESS INTELLIGENCE AND ECONOMICS

DEPARTMENT OF ECONOMICS, MARKETING AND ENTREPRENEURSHIP

EXAMINATION PAPER

COURSE CODE : CPS 405
COURSE TITLE : Material Planning and Production Control 1
SPECIAL REQUIREMENTS : NO SPECIAL REQUIREMENTS
DURATION : 3 Hours
LEVEL : 4:1
DATE : 10 APR 2024

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

CASE STUDY

Production control is concerned with the effective implementation of the plans. The plan for an activity is drawn before executing the design or the process. The planning part is always pre-operation. Control is done after execution or implementation of the planned layout and procedure. Production planning and control can be viewed as nervous system of the production operation. A proper control system has to be in place for the best utilization of resources and information before production and analysing and appraising the performance of labour and equipment after the production is complete. A critical assessment is possible only by setting up a control mechanism.

QUESTION ONE

“Planning and control are the two most basic, integral and interdependent functions of any production process.” Comment the above statement, giving five ways in which organisations can achieve competitive advantage. **[25 Marks]**

QUESTION TWO

Explain the Just in Time (JIT) philosophy. **[5 Marks]**

Examine how Just in Time (JIT) philosophy assists production companies towards the achievement of set production targets. **[20 Marks]**

QUESTION THREE

Discuss at least five various maintenance management systems that can be used by production companies. **[25 Marks]**

QUESTION FOUR

a) Examine five types of production which can be used in production. **[10 Marks]**

b) Explain five factors that may affect the selection choice of the manufacturing process. **[15 Marks]**

QUESTION FIVE

Discuss five functions of production planning and control in manufacturing companies.

[25 Marks]

END