



NATIONAL OPEN UNIVERSITY OF NIGERIA

Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi - Abuja

FACULTY OF MANAGEMENT SCIENCES

2021_2 EXAMINATION

COURSE CODE: BUS 317

COURSE TITLE: PRODUCTION MANAGEMENT

CREDIT UNIT: 3

INSTRUCTION:

1. Indicate your Matriculation Number clearly
2. Attempt question one (1) and any other three (3) questions; four questions in all
3. Question one (1) is compulsory and carries 25 marks, while the other questions carry 15 marks each.
4. Present all your points in a coherent and orderly Manner

TIME ALLOWED: 2 ½ Hours

QUESTION ONE

- (a) Define aggregate plans. **10 marks**
- (b) What are the sources of information normally required for the preparation of aggregate plans? **7 marks**
- (c) What goals do aggregate plans normally seek to achieve? **8 marks**

QUESTION TWO

- (a) Scheduling is an activity which all production units do to ensure smooth operations. Explain carefully the meaning of scheduling in production environment. **10 marks**
- (b) Explain the aim of scheduling. **5 marks.**

QUESTION THREE

- (a) Certain quantitative techniques are of particular relevance and use for solving the problems of production planning and scheduling. Identify these techniques and explain them. **3 marks**
- (b) Itemise and briefly discuss the steps to aggregate production planning. **12 marks**

QUESTION FOUR

- (a) Distinguish between production planning and production control. **10 marks**
- (b) What are the objectives of the planning and control functions of the production Department? **5 marks**

QUESTION FIVE

Information gained during production process serves as feedback to the system and can be considered as input to the system, which, according to Needle (1999), alerts management whether the output is desired or undesired.

- (a) list four (4) desired outputs as expected by the various stakeholders. **12 marks**
- (b) List any three (3) undesired outputs as expected by the various stakeholders. **3 marks**