

GENERAL CERTIFICATE OF EDUCATION BOARD
Technical and Vocational Education Examination

PRODUCTION MANAGEMENT 1
7505

JUNE 2021

ADVANCED LEVEL

Specialty Name (Specialty Acronym)	WOOD CABINET-MAKING-(WCM)MEB
Centre No.	22233
Centre Name	A.B.S.S EKOUNOU Yaounde'
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Mobile phones are **NOT** allowed in the examination room

PRODUCTION MANAGEMENT 1: MULTIPLE CHOICE QUESTION PAPER

One and a half hours

INSTRUCTIONS TO CANDIDATES

Read the following instructions carefully before you start answering the questions in this paper. Make sure you have a soft HB pencil and an eraser for this examination.

1. USE A SOFT HB PENCIL THROUGHOUT THE EXAMINATION.
2. DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Before the examination begins:

3. Check that this question booklet is headed **Advanced Level – 7505 PRODUCTION MANAGEMENT 1**

4. Fill in the information required in the spaces above.

5. Fill in the information required in the spaces provided on the answer sheet using your HB pencil:

Candidate Name, Exam Session, Subject Code, and Candidate Identification Number. Take care that you do not crease or fold the answer sheet or make any marks on it other than those asked for in these instructions.

How to answer the questions in this examination

6. Answer **ALL** the 50 questions in this examination. All questions carry equal marks.

7. Non-programmable calculators are allowed.

8. Each question has **FOUR** suggested answers: **A, B, C** and **D**. Decide on which answer is correct. Find the number of the question on the Answer Sheet and draw a horizontal line across the letter to join the square brackets for the answer you have chosen.

For example, if **C** is your correct answer, mark **C** as shown below:

[A] [B] ☒ [C] [D]

9. Mark only one answer for each question. If you mark more than one answer, you will score a zero for that question. If you change your mind about an answer, erase the first mark carefully, then mark your new answer.

10. Avoid spending too much time on any one question. If you find a question difficult, move on to the next question. You can come back to this question later.

11. At the end of the examination, the invigilator shall collect the answer sheet first and then the question booklet after. **DO NOT ATTEMPT TO LEAVE THE EXAMINATION HALL WITH IT.**

Turn Over

1. State the reason why production decisions are necessary.
 - ☒ A It guides on where, how and who it this way
 - B It guides who to assign
 - C It guides who to decide
 - D It guides how to plant machines in the work shop.

2. Indicate the main factor that influences the productivity in a workshop.
 - A The assembling of products
 - B Handling and displacement of pieces
 - ☒ C Control of equipment and quality
 - D Good equipment managerial skill

3. It is the study of man in relation to his working environment
 - A Design factors
 - B Human relationship
 - ☒ C Ergonomics
 - D Aesthesis

4. Give a name to a product designed and realized to study for subsequent production.
 - A Template
 - B Rod
 - ☒ C Prototype
 - D Pattern

5. As a foreman in the production department, indicates the appropriate time you will recommend the motivation of workers to the administration.
 - A When they are old
 - ☒ B When they successfully complete a task
 - ☒ C At the beginning of each task
 - D During annual event

- *6. Which of the following does **NOT** contribute to certain delays witnessed during realization of most projects.
 - A Inefficient workers
 - ☒ B Good maintenance policy
 - C Breakdown
 - D bottleneck

7. Indicate the correct arrangement of a production system.
 - ☒ A Input-Process-output-feedback
 - B Process-Output-Input-Feedback
 - C Input-Process-Feedback-Output
 - D Process-Input-Feedback-Output

8. What are the elements that constitute the cost of production of cabinets?
 - A Administrative, profit and maintenance
 - B Material, machining and taxes
 - ☒ C Material, machining, labour
 - D Profit, material and administrative

9. Identify a factor that will prompt you to increase the wages of a particular worker after recruiting him on a specific wage.
 - A Qualification
 - B Age
 - ☒ C Competence
 - D Discipline

- *10. Identify the best method of reducing accidents in the workshop.
 - A By using light weight material
 - B By employing competent workers
 - ☒ C By using job shop production
 - D By cleaning the shop every day

11. Outline the fire security appliances that should always be found in a production shop.
 - A Goggles and thick overalls
 - B Booths and extinguishers
 - ☒ C Fire alarms and extinguishers
 - D Fire fighters and alarms

12. The timely observation of a functional equipment to replace worn out parts is called
 - A Corrective maintenance
 - ☒ B Preventive maintenance
 - C Curative maintenance
 - D Palliative maintenance

13. State the correct method for ordering hardware.
 - A By quality, model, method of fixing and manufacturers recommendation
 - B By quantity, model number, manufacturer, finish and size
 - C By quality, mode of operation and their function
 - ☒ D By quantity, mode of operation and cost

14. Which of these personels controls stock in an enterprise?
 - ☒ A The store manager
 - B The store keeper
 - C The sales man
 - D The store accountant

15. State the main objective of quality control in the production department.

- ☒ A To improve factors of production
- B To produce optimal quality at reduced price
- C To minimize material cost
- D To keep the machine and other facilities in a good working condition

16. State the main reason of feedback in a production system.

- A It helps in paying workers
- B It helps to identify serious workers
- ☒ C It give information on what was good and what needs modification
- D It gives information to the equipment that was destroyed during production.

17. Identify a type of technology concerned with the application of mechanical, electronic and computerized system to control production.

- A Mechanization
- B Electronic production
- ☒ C Automation
- D Computerization.

18. Cite the most common indicator of a dull tool during the machining for mass production.

- A Planer marks
- B Saw tooth marks
- ☒ C Burnt marks
- D Rough surface

19. Give another name for secondary pitch when planing.

- A Feeding distance
- ☒ B Feeding speed
- C Surface marks
- D Surface finish

20. Cite a factor that does NOT influences the nature of surfaces after machining.

- A The nature of the cutting tools
- ☒ B The amount paid for machining the piece
- C The dexterity of the operator
- D Proper selection to avoid defects

21. The general acceptance of certain principles in construction or production of cabinets as fundamentals is called

- A Design principles
- B Normalization
- ☒ C Standardization
- D Regularization

22. Indicate a factor that will NOT greatly affect the quality of a product.

- A Motivation
- B Materials ☒
- C Machines ☒
- ☒ D Location

23. Calculate the labour cost of a worker if he earns 500frs per hour and has worked for 38day following Cameroon labour code.

- ☒ A 190000frs
- B 114000frs
- C 252000frs
- D 152000frs

24. Identify the best way of calculating the cost of machining.

- A From the location of your shop
- ☒ B The energy consumed
- C From the competence of the machinist
- D From your longevity with the machinist

25. State the components of an administrative cost.

- A Material, security, and safety
- ☒ B Taxes, overhead cost and profit
- C Taxes, machining and profit
- D Transportation, safety and profit

26. Select the type of layout where machines and auxiliary services are positioned according to the processing sequence of the products.

- A Product layout
- ☒ B Combination layout
- C Process layout
- D Group layout

27. Which of the following is NOT a material handling equipment?

- A conveyors
- B Cranes and hosts
- C Robots
- ☒ D Work bench

28. Which of the following document is established by the work study service in an enterprise?

- ☒ A Fabrication analysis
- B Labour cost
- C Bill of materials
- D Cost of production

29. Give the name of the office responsible for production of jigs and fixtures.

- A Quality control
- ✓ B Method study
- C Prototype office
- D Maintenance

30. Identify the method that when adopted light intensity will be evenly distributed in the work shop.

- ✓ A Clean the light fixtures regularly
- B Install an independent switch for a roll
- C Avoid using extra bright light
- D Create open windows on each side of the shop

31. Indicate a document that will enable you to determine the number of workers at a given period when executing a project.

- ✓ A PERT network
- B bill of materials
- C Man power planning
- D GANNT diagram

32. Define routing.

- A It the act of cutting with a router
- ✓ B It is the act of determining method
- ✓ C It is the act of determining path
- D It is act of transforming a router

33. Select from the following an uncontrollable factor that influences productivity.

- A Technology
- ✓ B Method of work
- ✓ C Natural resources
- D Quality of worker

34. What are obsolete items in production?

- A Items that have been rejected
- ✓ B Items in the process of transformation
- ✓ C Items that cannot be sold
- D Items that are not found in the workshop

35. Give the method of disposing waste that can be retrieved for recycling.

- ✓ A Collecting all with extractors
- B Identify them before disposing
- C By separating them before disposing
- D Provide a pit and dump them for decomposition.

36. Give another name for material in stock.

- A Stock keeping
- B Reserved material
- C Preserved material
- ✓ D Inventory

37. Outline the main reason for keeping stock.

- A To maintain productivity
- ✓ B To maintain prices
- C To increase quality
- D To increase quantity

38. How will you keep wood that has been partially process for future use?

- A In operating kiln
- ✓ B In protected stacks
- ✓ C In finishing booths
- D In chambers

39. Select a best method that can be used to valorize stock with short but variable shelf life.

- A WAC
- B WAUC
- ✓ C FIFO
- D LIFO

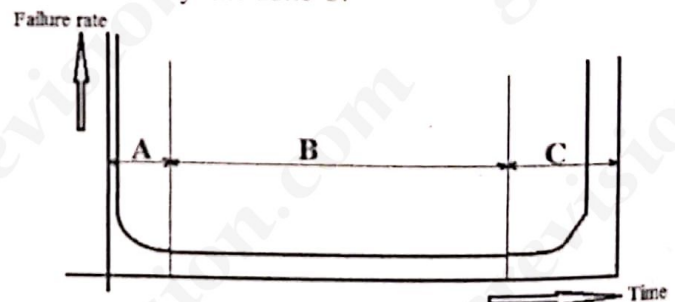
40. Identify a method of stock valorization.

- ✓ A Weighted average unit cost
- B Average unit cost
- C Total weighted cost
- D Standard average unit cost

41. Give the name to the situation where the production enterprise runs out of stock.

- A Scarcity
- ✓ B Floating time
- C Rupture
- D Cycle period

42. The diagram below shows the failure rate of fan-belts on a radial arm saw after installation. Identify the zone C.



- A Accidental break downs
- B Installation break down
- ✓ C Aging breakdowns
- D Over load break down

43. Choose the method most suitable to receive the production products after purchased.

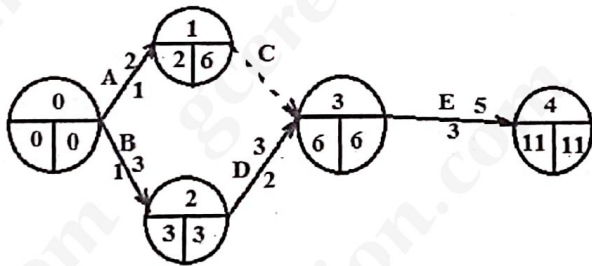
- A Through the mail service
- B Through the mail service
- C Over the telephone
- ✓ D Through the delivery van.

44. Identify the basic difference between PERT and CPM.
- A PERT deals with event and CPM deals with activities
 - ☒ B CPM is used only in PERT
 - ☒ C Cost are considered on CPM only and not in PERT
 - D Guessed time is used in PERT and evaluated time is used in CPM

45. Which of the following is **NOT** a planning tool?
- A GANNT diagram
 - B PERT network
 - C CPM
 - ☒ D Programming

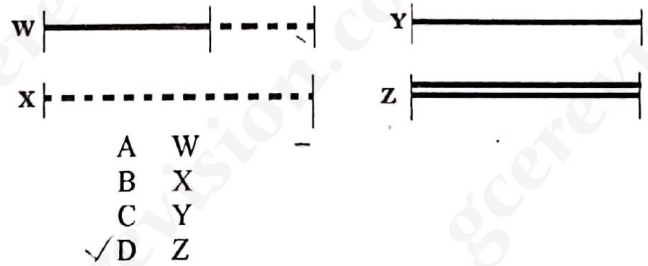
46. When can an activity, be considered fictive in a planning network
- ☒ A When it does not exist on the net work
 - B When it consume no time no resources
 - C When it does not begin the project
 - D When it does not belong to the critical path

47. Trace the critical path in the network below.



- A A-C-E
- B A-B-C-D-E
- ☒ C B-D-E
- D D-B-E

48. How is a floating activity represented in a GANTT network?



49. State an advantage of preventive maintenance.
- A Reduces equipment or process failure
 - B Reduces fatigue
 - C Reduce energy consumption
 - ☒ D Reduce rate of accidents

50. At what stage in an equipments life span do we have the highest breakdowns?
- A During installation
 - B Within its normal life
 - ☒ C At its old age
 - D During maintenance

GO BACK AND CHECK YOUR WORK