

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0122]

JANUARY 2022
(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)

Sub. Code: 2483

BACHELOR IN PROSTHETICS AND ORTHOTICS
FOURTH YEAR (Regulation from 2017-2018)
PAPER III – MANAGEMENT AND ADMINISTRATION
Q.P. Code: 802483

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Write the importance of materials management in a Prosthetic & Orthotic workshop
2. 'Management is an art as well as science.' - Explain with reference to P&O Services
3. Make a layout of a Model Orthotic workshop.

II. Write notes on:

(8 x 5 = 40)

1. Differentiate between management and administration in P&O services.
2. Draw a hypothetical organizational structure?
3. How will you distinguish leaders from managers?
4. Briefly explain the types of cost.
5. Write a note on Assets & Liabilities.
6. Explain the functional areas of materials management.
7. What do you mean by goal –setting?
8. Mention areas of management applicable to P&O Services.

III. Short answers on:

(10 x 3 = 30)

1. Define Inventory.
2. What is lead time?
3. What is cost capital?
4. What is wage?
5. What do you mean by cost-calculation?
6. What is inventory control?
7. What is Work-in-progress.
8. What is safety stock?
9. What is stock taking?
10. Define purchasing.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0922]

SEPTEMBER 2022

Sub. Code: 2483

(FEBRUARY 2022 & AUGUST 2022 EXAM SESSIONS)

**BACHELOR IN PROSTHETICS AND ORTHOTICS
FOURTH YEAR (Regulation from 2017-2018)
PAPER III – MANAGEMENT & ADMINISTRATION
Q.P. Code : 802483**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Explain the waste disposal segregation and management in Prosthetics and Orthotics workshop.
2. Compare and Contrast the ABC analysis and VED analysis of Inventory Control.
3. The annual demand for an item is 3200 parts. The unit cost is Rs.6 and the Inventory carrying charges are estimated as 25% per annum. If the cost of one procurement is Rs.150, Find:
 - i) Economic order of quantity.
 - ii) Time between two consecutive orders.
 - iii) Number of orders per year.
 - iv) The optimal cost.

II. Write notes on:

(8 x 5 = 40)

1. Enumerate the appropriate code of ethical behavior of P&O Professionals as per RCI norms and rules.
2. Industrial Management.
3. Quality Management in Prosthetics and Orthotics services.
4. Prosthetic and Orthotic Laboratory plan lay out for a given 3000 square feet.
5. Cost calculations.
6. Store and Store organization.
7. Industrial accidents.
8. Principles of Administrative and Management structure.

III. Short answers on:

(10 x 3 = 30)

1. Work sheet.
2. Staff welfare.
3. Indirect Material Cost.
4. Workplace Harassment.
5. Performance Incentive.
6. Wage.
7. Economic Efficiency.
8. Depreciation.
9. Grievance redressal.
10. Referral.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1123]

NOVEMBER 2023

Sub. Code: 2483

**BACHELOR IN PROSTHETICS AND ORTHOTICS
FOURTH YEAR (Regulation 2017-2018 onwards)
PAPER III – MANAGEMENT & ADMINISTRATION**

Q.P. Code: 802483

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Discuss Economic Efficiency in the Prosthetic and Orthotic services.
2. With reference to Prosthetics and Orthotics, discuss Technical Quality versus Quality of Services.
3. Describe Stock management and material procurement.

II. Write notes on:

(8 x 5 = 40)

1. Need versus demand in Prosthetics and Orthotics services.
2. Workforce planning.
3. Working environment and safety.
4. Financial management in Prosthetics and Orthotics.
5. Stakeholders and their roles in Prosthetic and Orthotic set-up.
6. Accreditation of Prosthetics and Orthotics professionals.
7. Advantages and disadvantages of Process Layout.
8. Benefits associated with the use of Quality Assurance systems.

III. Short answers on:

(10 x 3 = 30)

1. Book keeping.
2. Safety Stock.
3. Dead Stock.
4. Use of information Technology in Rehabilitation of Persons with Disabilities.
5. Health Insurance.
6. Define appropriate technology as per ISPO.
7. ISO standards in Prosthetics and Orthotics.
8. Importance of Induction Training.
9. Professional associations.
10. Decentralization of services.
