

**Syllabus  
for  
Hospital Management (COQP22)**

## Hospital Management (COQP22)

*Note:*

- i. The Question Paper which will have 75 questions.*
- ii. All questions will be based on Subject-Specific Knowledge.*
- iii. All questions are compulsory.*
- iv. The Questions will be Bilingual (English/Hindi).*

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### **Health and disease concepts**

Various dimensions and determinants of Health, Measures and Indicators of Health and related issues, Natural history of disease and sciences, Primary Health Care services, Hospital and its role in health and diseases

### **Environment and health**

Effect of various factors like Water, Air, Light, Ventilation, Noise, Meteorological environment, Humidity, Housing, Disposal of waste, Excreta disposal on health and wellbeing

Basic concepts of Biological/Medical entomology & Insecticides, Rodents & related Disease, Radiation, and Zoonosis on public health and health administration

### **Medicine and social science**

Understanding the concepts in Sociology of health, Psychology and health, Social Psychology, Family in health and disease in understanding health

Cultural factors in health and disease, Hospital Sociology, Social Problems and health. Basic health economics, Social security and health of population

### **Hospital Waste Management**

Basic understanding of sources of health care waste, Health care waste hazards, Method of treatment and Bio medical waste management for health care administration

### **Basic Epidemiology and Population Health**

Understanding population health and epidemiology, Rates, ratios and measurement of morbidity and mortality of health and related parameters, Basic statistics of association and causation in biological sciences. Concepts of disease transmission, Immunity, and immunizing agent, basic understanding of disease prevention and control in India.

### **Basic understanding of biological sciences and life sciences**

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Recent developments in cell biology, genetics, pharmaceutical sciences, health care information technology, nutrition sciences, diagnostics, bio-technology, vaccine development, and sanitation

### **General awareness on healthcare**

Current happenings of healthcare and life sciences sector, population health, epidemiology, basic public health and programs of India, basic physiology and anatomy of human body, society and health, understanding hospital management, understanding of World Health Organization and other bodies of International Health, basic issues and challenges of healthcare business verticals such as pharmaceuticals, healthcare Information Technology, healthcare entrepreneurship, and hospital management. Understanding of National Health Programs.

### **Introduction to Hospitals:**

Types of Hospitals, Health system in India sub-centre, PHC, CHC, First referral units, Districts Hospitals, Corporate Hospitals and Charitable Trust Hospitals.

### **Departments in Hospitals:**

Clinical departments in Hospitals- Basic Specialization. General Medicine, Surgery, ODG, Padiatrics, Anaesthesia Super Specializations and Sub-Specializationsvin Hospitals- Cardiology, Urology, Neurology etc.

### **Supportive Services in Hospitals:**

CSSD, Pharmacy, Linen and Laundry, Food and Beverages, Dietary Services in Hospitals.

### **Engineering Services:**

Heating, Ventillation and Air conditioning, Civil, Electrical, Water Supply.

### **Hospital Management Fundamentals:**

Process of management, Principles of management , Accounting and Costing in Hospitals

### **Materials and Equipments in Hospitals:**

Classification of equipments- Diagnostic and Therapeutic equipments, X-Ray, CT, MRI, PETCT, Cath-lab, Dialysis, OT Equipments, Purchasing and Store.

### **Infection Control and BioMedical Waste Management:**

Nosocomial infections and their Prevention, BioMedical waste - rules and regulations.

### **Legal aspects- Laws pertaining to Hospital and Health Care:**

Consumer Protection act, PCPNDT act, Human organ transplantational Committees in the Hospitals- ICC Committee, Infection Control Committee, Ethical issues in Hospitals.

### **Management Concepts in the Hospitals:**

Human Resources Management- Doctors, Nurses, Parramedics, Recruitment, Selection, Training motivation, Finance Management, Budgetize, Marketing of Hospital services.

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### **Disaster Preparedness and Hospital Management:**

Types of Disasters, Disasters Management team, Various Codes used during Disasters.