

# **SYSTEM MANAGER**

## **COCHIN DEVASWOM BOARD**

### **MAIN TOPICS**

#### **PART I**

**General Knowledge, Current affairs, Kerala Renaissance, Temple Affairs, Hindu culture and customs, Holy Books of Hinduism, various Devaswom Boards etc.**

#### **PART II**

**Questions based on the educational qualifications prescribed for the post**

### **Detailed Syllabus based on the main topics**

#### **PART I**

##### **General Knowledge and Current Affairs**

**Total Questions : 20**

**Total Marks: 20**

\* Important International, National and Regional events in the field of Politics, Science and Technology, Arts, Culture, Health and Education. Sports and Cinema. Eminent writers and their works.

\* Modern India after Independence. Five Year Plans. Achievements in the field of Industry. Space Research. Telecommunication, Banking, Public Transport, IT Sector, and Agriculture.

\* Democratic decentralisation in India in general and Kerala in particular. Benefits and objectives of Decentralisation. Local Self governments. Rural and Urban. District Panchayaths, Grama Panchayats. Municipal Corporations. Corporations. Towns and Cities.

##### **Salient Features of Indian Constitution**

\* Salient features of the Constitution – Preamble and its significance. Centre-State Relations. Legislative. Administrative and Financial. Services under the Union and the States. Emergency Provisions. Amendment Provisions of the constitution.

## **Social Welfare Legislations and Programmes**

\* Social Service Legislations like Right to Information Act, Prevention of atrocities against Women and Children, Food Security Act, Environmental Acts etc. Social Welfare Programmes like Employment Guarantee Programme, Organ and Blood Donation etc.

## **Geographical Features of Kerala**

\* Physiography, Geology, Soils, Climate, Rainfall, Rivers and River Projects, famous sites.

## **The Colonial Interventions**

\* British and revenue administration in Malabar – Tenurial reforms of Travancore and Cochin. English education and printing press.

## **Kerala Renaissance**

\* Narayana Guru and other reformers, Anti – caste movement – reform movements in Kerala. Caste organizations – Temple Entry movements, Nationalist movements in Kerala – Malabar Rebellion of 1921 – Nature of the Revolt – Salt Satyagraha. Travancore State congress and the struggle for Responsible Government. Cochi Rajya Praja mandalam. Left movements – Karshaka Sangham in Malabar – Punnappa Vayalar - Aikya Kerala Movement - First Communist Ministry - Historic Legislations – Liberation Movements. ‘Kerala Model’ Development – Panchayat Raj and Peoples planning.

## **Awakening through Literature**

\* Literature and culture – Origin and Development of Malayalam Language. Novel, Drama, Poetry, Purogamana Sahitya Prasthanam, Nataka Prasthanam. Library movements etc. Art forms of Kerala. Kerala festivals and Celebrations.

## **Temple Affairs, Hindu Traditions and Customs, Various Devaswom Boards**

Famous Temples in India with special importance to temples in Kerala. Hindu Traditions and customs. Great Indian Spiritual leaders, Saints, Thinkers, Philosophers, Their contribution and Social relevance. Temple Arts. Temple Architecture in Kerala. Holy books of Hinduism – General awareness. Present day administration of Temples in Kerala. Various Devaswom Boards in Kerala. Kerala Devaswom Recruitment Board – Formation, powers and responsibilities.

## **PART II**

### **Syllabus based on the educational qualifications prescribed for the post**

**Total Questions : 80**

**Total Marks: 80**

1. **Programming Languages**  
C programming. Object Oriented Programming
  
2. **Data Structures**  
Basic Data Structures – Arrays, Stacks, Linked Lists, Queues, Trees and Graphs
  
3. **Computer organization and Microprocessors**  
Processor and Memory Organization, Input/Output Organization – Bus and i/o Interfaces- Microprocessors, Instruction Sets, Assembly Language Programming.
  
4. **Operating System**  
Process and Thread, Process Management and Scheduling, Interprocess communication and synchronization, Memory Management, Deadlocks, Files Systems, UNIX OS and Shell Programming.
  
5. **Data Base Management System (DBMS)**  
Entity Relationship Model, ER Diagram and Design, Normalization, SQL queries, Concurrency Control and Serialization
  
6. **Data Communication & Networking**  
Network Architecture, OSI Model – role of different layers, TCP/IP Protocols, IP Addressing and Subnetting, Routing Protocols
  
7. **Software Engineering**  
Basics of Software Engineering, Software Development Life Cycle (SDLC), Software Development Models, Agile Model

8.

**Web Technologies**

HTML, CSS, Server Side Scripting, PHP, Javascript, GIT, XML, JSON

9.

**Network Security**

Cyber crimes, System vulnerabilities, Firewalls, IDS, IPS

Controller of Examinations  
Kerala Devaswom Recruitment Board

**Note:- It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualifications of the post may also appear in the question paper. There is no undertaking that all the topics mentioned above may be covered in the question paper.**