

# കേരള ദേവസ്വം റിക്രട്ട്മെന്റ് ബോർഡ്

# പരീക്ഷാരീതിയും സിലബസ്കം

# **Mode of examination and Syllabus**

ഓവർസീയർ ഗ്രേഡ് III (സിവിൽ) തസ്തികയുടെ പേര്

Name of Post Overseer Gr. III (Civil)

കാറ്റഗറി നമ്പർ 10/2023 Category Number 10/2023

തിരുവിതാംകൂർ ദേവസ്വം ബോർഡ് ദേവസ്വം

Travancore Devaswom Board Devaswom

സിവിൽ എഞ്ചിനീയറിംഗിലുളള ഡിപ്ലോമ അല്ലെങ്കിൽ വിദ്യാഭ്യാസ യോഗൃത

തത്തലു യോഗുത / ഐ.ടി.ഐ (സിവിൽ) സർ്ട്ടിഫിക്കറ്റ്

അല്ലെങ്കിൽ തത്തുല്യം

**Educational Qualification** Diploma in Civil Engineering or its equivalent / Certificate

in ITI (Civil) or its equivalent

പരീക്ഷാരീതി നിശ്ചിത വിദ്യാഭ്യാസ യോഗൃതയെ അടിസ്ഥാനമാക്കി

ഒബ്ലക്ലീവ് മാത്രകയിലുളള പരീക്ഷ (ഒ.എം.ആർ മ്ലല്യനിർണ്ണയം)

Mode of Examination Objective Type Test (OMR valuation) based on the

qualifications prescribed for the post.

ചോദൃഭാഷ ഇംഗ്ലീഷ്

Medium of Questions English

ആകെ ചോദ്യങ്ങൾ 100

(Total Questions)

100 ആകെ മാർക്ക്

(Total Marks)

പരീക്ഷാസമയം 1 മണിക്കൂർ 15 മിനിറ്റ്

One hour fifteen minutes Duration of Examination

#### <u>സിലബസ്സ് - Syllabus</u>

Part I – നിശ്ചിത വിദ്യാഭ്യാസ യോഗ്യതയെ അടിസ്ഥാനമാക്കിയുള്ള

വിഷയങ്ങൾ

Subjects based on the prescribed educational qualification

Part II - ലഘൃഗണിതം, മാനസികശേഷി, യുക്തിചിന്ത

Simple Arithmetic, Mental Ability, Test of Reasoning

Part III – ജനറൽ ഇംഗ്ലീഷ്

General English

Part IV – ക്ഷേത്രകാര്യങ്ങൾ, ഹൈന്ദവ സംസ്കാരം, ആചാരാന്മഷ്യാനങ്ങൾ,

വിവിധ ദേവസ്വങ്ങൾ എന്നിവ

Temple Affairs, Hindu Culture, Customs and Traditions, Various

Devaswoms etc

## പ്രധാനവിഷയങ്ങളെ അടിസ്ഥാനമാക്കിയുള്ള വിശദമായ സിലബസ്സ്

# Detailed syllabus based on the main topics

#### **Civil Engineering Diploma**

- Survey: Chain survey, Plane table Survey, Compass Survey, Levelling Theodolite, Basic concepts of remote sensing, Ariel survey, image processing and pattern recognition (Field work related concepts only)
  - Building materials: Conventional materials—Clay products, cement, lime, mortar, timber, stone, steel, concrete, paint & varnish and New construction materials—Ply wood, particle board, FRP, MDF, Plastics, Rubber and their properties.
  - Construction practice: Construction of stone and brick masonry, arches & lintel, DPC, staircase, roof, doors & windows, concrete and wooden members, foundations, building maintenance & services.
  - Building Drawing and KMBR/KPBR: Building drawing as per BIS standards and KMBR/KPBR
  - Concrete Technology: Properties of cement, aggregates and concrete, Testing of cement, aggregates and concrete, Concrete construction, Detailing of reinforcement as per IS code
  - **Highway Engineering:** Basics of Traffic engineering, IRC classification of roads, WBM and Bituminous Macadam road construction and maintenance, Components of bridges and culverts, classifications. Railways Permanent way and its components.
  - Hydrology: Water cycle, Hydrograph, peak flow, Runoff, Catchment area, water shed area

- Irrigation Engineering: Duty, Delta, Crop seasons, Command area, Types of irrigation systems - Storage & Diversion systems, Head works, Canal systems, canal regulators, Cross drainage works, Fundamental components of hydro electric systems.
- Estimating and costing: Estimating of buildings & other civil engineering structures and valuation.
- Environmental Engineering: Water supply— Distribution of water, Water supply fittings. Sanitary Engineering— Sewerage systems and components.
- Foundation Engineering: Classification of soil, Loads on structures, bearing capacity of soil,
  Types of shallow and deep foundations
- Basic Computer Applications : Computer aided drafting, Architectural desktop.

#### Simple Arithmetic, Mental ability, Test of reasoning

#### Mathematics

- 1. Numbers and Basic Operations
- 2. Fraction and Decimal Numbers
- 3. Percentage
- 4. Profit and Loss
- 5. Simple and Compound Interest
- 6. Ratio and Proportion
- 7. Time and Distance
- 8. Time and Work

#### 9. Average OR CIVIL ENGG. COMPET

- 10. Laws of Exponents
- 11. Mensuration
- 12. Progressions

#### Mental Ability & Reasoning

- 1. Series
- 2. Problems on Mathematical Signs
- 3. Verifying Positions.
- 4. Analogy- Word Analogy, Alphabet Analogy, Number Analogy
- 5. Odd man out
- 6. Numerical Ability
- 7. Coding and Decoding
- 8. Family Relations
- 9. Sense of Direction
- 10. Time and Angles
- 11. Time in a clock and its reflection
- 12. Date and Calendar
- 13. Clerical Ability

## **General English**

- Testing skills of comprehension
  Simple passages followed by comprehension questions (Objective type multiple choice questions with four answer options)
- Testing elements of Language
  - (a) Vocabulary
  - (b) Antonyms Synonyms
  - (c) Change of gender
  - (d) Words often confused
  - (e) One word substitution
  - (f) Spelling test
- Grammer
  - ➤ Tense correct use common errors in using tense
  - ➤ Concord subject verb agreement
  - Transformation of sentences
  - **Preposition**
  - Passivisation (Active and Passive voice)
- CENTReporting (Reported speech) GG. COMPETITIVE EXAMS
  - > Article
  - Question tags
  - Model auxiliaries
  - Degrees of comparison
  - ➤ Error identification/ Spelling
  - ➤ Adjectives
  - > Direct and indirect speech
  - Commonly used phrasal verbs and idioms

# (<u>Temple Affairs - Hindu Culture, Customs and Traditions - Various Devaswom Boards etc.</u>)

Temple Affairs. Famous Temples in Kerala – Deities, Peculiarities, Location. Temple Festivals. Special ceremonial and devotional functions in temples – It's importance and Social relevance. Temple Arts. Famous Temple Artists. Temple Architecture in Kerala – It's peculiarities and ethnic importance. Great Spiritual leaders, Saints, Thinkers and Philosophers in Hinduism – Their contributions. Holy books of Hinduism – Vedas, Puranas and Upanishads – Basic knowledge. Concept of Devaswoms. History of temples in Kerala. Events that lead to the formation of Devaswoms. Temple Entry Proclamation. Travancore–Cochin Hindu Religious Institutions Act 1950. Present day Administration of Temples in Kerala and Various Devaswom Boards. Kerala Devaswom Recruitment Board – Formation, powers and responsibilities – Hierarchial setup.



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