

**DETAILED SYLLABUS FOR THE POST OF
WELFARE ORGANISER (EX-SERVICEMEN ONLY)
IN SAINIK WELFARE**

(Category No: 097/2019)

I. GENERAL KNOWLEDGE

(i) HISTORY (5 Marks)

- **KERALA** - Arrival of Europeans-Contributions of Europeans- History of Travancore from Marthanda Varma to Sree Chithirathirunna- Social and Religious Reform movement- National movement in Kerala- Literary Sources of Kerala History- United Kerala Movement- Political and Social History of Kerala after 1956.
- **INDIA** – Political History- Establishment of the British- First War of Independence – Formation of INC- Swadeshi Movement- Social Reform movement- Newspapers - Literature and Arts during the freedom struggle – Independence Movement & Mahatma Gandhi - India's independent – Post independent period - State reorganization – Development in Science, Education, and Technology – Foreign policy.
- **WORLD** – Great Revolution in England- American War of Independence – French Revolution- Russian Revolution – Chinese Revolution- Political History after Second World War- UNO and other International Organizations

ii) GEOGRAPHY (5 Marks)

Basics of Geography – Earth Structure – Atmosphere, Rocks, Landforms, Pressure Belt and Winds, Temperature and Seasons, Global Issues- Global Warming- Various forms of Pollution, Maps- Topographic Maps and Signs, Remote Sensing – Geographic Information System, Oceans and its various movements – Continents, – Nations and their specific features.

INDIA – Physiography- States and its features, Northern Mountain Region, Rivers, Northern Great Plain, Peninsular Plateau, Coastal Plain, Climate – Natural Vegetation - Agriculture – Minerals and Industries- Energy Sources, Transport system – Road- Water- Railways- Air.

Kerala – Physiography- Districts and its features - Rivers- Climate – Natural Vegetation - Wild life - Agriculture and research centers – Minerals and Industries - Energy Sources - Transport system – Road - Water- Railway- Air

(iii) ECONOMICS (5 Marks)

India : Economy, Five Year Plans, New Economic Reforms, Planning Commission, Niti Aayog, Financial Institutions, Agriculture – Major Crops, Green Revolution, Minerals.

(iv) INDIAN CONSTITUTION (5 Marks)

Constituent Assembly – Preamble – Citizenship - Fundamental Rights – Directive Principles – Fundamental Duties – Structure of Government – Important Constitutional Amendments (42, 44, 52, 73, 74, 86, 91) – Panchayathi Raj – Constitutional Authorities and their Functions - Union List- State List – Concurrent List.

(v) Kerala Governance and System of Administration (5 Marks)

Kerala -State Civil Service, Constitutional bodies, Various Commissions, Basic facts of Socio Economic Commercial Planning and Policies, Disaster Management Authority – Watershed Management – Employment and Labour – National Rural Employment Programmes, Land Reforms, Social Welfare Security and Protection of Women, Children and Senior Citizens.

(vi) Life Science and Public Health (5 Marks)

1. Basic facts of Human Body
2. Vitamins and Minerals and their Deficiency Diseases
3. Communicable Diseases and Causative Organisms
4. Kerala – Welfare activities in Health Sector
5. Lifestyle Diseases.
6. Basic Health Facts
7. Environment and Environmental Hazards

(vii) Physics ((5 Marks)

- 1) Branches of Physics –Matter - Units, Measurements - Physical Quantities.
- 2) Motion - Newton’s Laws of Motion - Third law – Momentum - Projectile Motion - Uses of Third Law - Achievements in space missions in India- ISRO.
- 3) Light- Lens, Mirrors - Problems based on $r = 2f$ - Different phenomena of Light - Rainbow - Colours of different materials - Electromagnetic Spectrum – IR rays- UV rays - X rays - Photoelectric Effect.
- 4) Sound - Different types of Waves - Velocity of Sound in different media - Resonance – Reverberation.
- 5) Force - Different types of Forces – Friction - Advantages and disadvantages of Friction - Liquid Pressure - Buoyant Force – Archimedes Principle - Pascal’s law – Density - Relative density- Adhesive Cohesive forces- Capillarity - Viscous force - Surface tension.

- 6) Gravitation - Centripetal Force - Centrifugal Force - Escape Velocity, Satellites - Escape Velocity - Weight Mass - value of 'g' - 'g' in different places.
- 7) Heat - Temperature - Different types of thermometers – Humidity - Relative Humidity.
- 8) Work - Energy - Power - Simple problems relating to Work, Energy, Power, Levers - Different types of Levers.

(viii) Chemistry (5 Marks)

1. Atom – Molecule - States of Matter – Allotropy - Gas laws - Aqua regia.
2. Elements - Periodic Table-Metals & Non metals-Chemical Physical changes- Chemical reactions-Solutions, Mixtures, Compounds.
3. Metals-Non metals – Alloys – Acids, Bases - pH value - Alkaloids.

(ix) Arts, Sports, Literature and Culture (5 Marks)

Arts

1. Important Audio Visual Art Forms of Kerala- Famous Places, Institutions, Personalities, Artistes and Writers related to origin, development, extension, and practice of these Art Forms.

Sports

1. Famous Sports personalities of Kerala, India and World – their Sports Events, achievements and awards.
2. Important Awards – Corresponding Fields , Winners
3. Famous Trophies – Related Events and Sports Items.
4. Number of Players in Important Sports Items.
5. Important Terms associated with various Sports and Games.
6. Olympics - Basic Facts, Venues / Countries, Famous Performances and Personalities- India in Olympics-Winter Olympics & Para Olympics.
7. Asian Games, Afro-Asian Games, Commonwealth Games, SAF Games – Venues, Countries, Performance of India, other facts.
8. National Games.
9. Games - Events, Players, Achievements.
10. National Sports / Games , Events of various Countries

Literature

1. Malayalam - Important Literary Movements – Icons and their first works.
2. Main works of Literature related to each movement and their authors.
3. Writers – Pen name and Nick name.
4. Famous Works and Characters.
5. Famous Quotes – Books and Authors.
6. Beginning of Journalism in Kerala – Pioneers, Journals and Publications.
7. Famous Awards/ Honours – Writers and their works.
8. Malayalam Writers who won the Jnanpith Award and related facts.

9. Malayalam Cinema - Origin, Development, Milestones, Pioneers, National Awards.

Culture

1. Kerala - Important Celebrations -Places associated with such Celebrations, Important Festivals.
2. Kerala – Cultural Centres, Worship Places, Cultural Leaders and their Contributions.

(x) Basics of Computer (5 Marks)

1. Hardware

- Input Devices (Names and uses)
- Output Devices (Names and uses/features)
- Memory devices - Primary and Secondary (Examples, Features)

2. Software

- Classification – System software and Application software
- Operating System – Functions and examples
- Popular Application software packages – Word processors, Spreadsheets, Database packages, Presentation, Image editors (Uses, features and fundamental concepts of each)
- Basics of programming – Types of instructions (Input, Output, Store, Control, Transfer) (*Languages need not be considered*)

3. Computer Networks

- Types of networks – LAN, WAN, MAN (Features and application area)
- Network Devices – Media, Switch, Hub, Router, Bridge, Gateway (Uses of each)

4. Internet

- Services – WWW, E-mail, Search engines (Examples and purposes)
- Social Media (Examples and features)
- Web Designing – Browser, HTML (Basics only)
- E-governance

5. Cyber Crimes and Cyber Laws

- Types of crimes (Awareness level)
- IT Act and Other laws (Awareness level)

(xi) Important Acts (5 Marks)

1. Right to Information Act – Information Exempted; Constitution of Information Commissions- Powers and Functions.
2. Protection of Consumers – Rights of Consumers.
3. Law for the Protections of Vulnerable Sections – Protection of Civil Rights – Atrocities against SC & ST – National Commission for SC / ST- Kerala State SC/ST Commission – National and State Minority Commission – National Human Rights Commission and State Human Rights Commission - Protection of Senior Citizen.

4. Protection and Safeguarding of Women – Offences affecting Public Decency and Morals. National and State Commission for Women – The Protection of Women (from Domestic Violence) Act, 2005.
5. Protection and Safeguards of Children – Protection of Children from Sexual Offence (POCSO) Act, 2012.

(xii) Current Affairs & Renaissance in Kerala (5 Marks)

III. Simple Arithmetic, Mental Ability and Reasoning

(i). Simple Arithmetic (10 Marks)

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
10. Laws of Exponents
11. Mensuration
12. Progressions

(ii). Mental Ability & Reasoning (10 Marks)

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
1. Clerical Ability

II. GENERAL ENGLISH

(i). English Grammar (10 Marks)

1. Types of Sentences and Interchange of Sentences.
2. Different Parts of Speech.
3. Agreement of Subject and Verb.
4. Articles - The Definite and the Indefinite Articles.
5. Uses of Primary and Modal Auxiliary Verbs
6. Tag Questions
7. Infinitive and Gerunds
8. Tenses
9. Tenses in Conditional Sentences
10. Prepositions
11. The Use of Correlatives
12. Direct and Indirect Speech
13. Active and Passive voice
14. Correction of Sentences

(ii) Vocabulary (10 Marks)

1. Singular & Plural, Change of Gender, Collective Nouns
2. Word formation from other words and use of prefix or suffix
3. Compound words
4. Synonyms
5. Antonyms
6. Phrasal Verbs
7. Foreign Words and Phrases
8. One Word Substitutes
9. Words often confused
10. Spelling Test
11. Idioms and their Meanings

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