ANDHRA PRADESH PUBLIC SERVICE COMMISSION: HYDERABAD NOTIFICATION NO. 08/2016, Dt: 30/09/2016 ZILLA SAINIK WELFARE OFFICERS IN A.P. SAINIK WELFARE SERVICE. (GENERAL RECRUITMENT)

EDUCATIONAL QUALIFICATIONS:

Applicants must possess the qualifications from a recognized University as detailed below or equivalent thereto, subject to various specifications in the relevant service rules and as per the indent received from the Department as on the date of notification.

| SI. No | Name of the Post | Educational Qualifications | | |
|-----------|--|---|--|--|
| 01 | Zilla Sainik Welfare Officers in A.P. Sainik Welfare Service. | a) No Ex-Servicemen who retired below the rank of Captain or equivalent rank in the Army, Navy OR Air Force shall be eligible. | | |
| | | b) Must possess the minimum general educational qualifications prescribed in the schedule to the general rules or equivalent qualification of Indian Army, Navy or Air force. | | |
| | | NB:- Discharged certificates from the Army/Navy/Air Force as the case may be, should be furnished at the appropriate time. | | |
| | | He/She must be able to speak, read and write in Telugu, English, Hindi. | | |

GENERAL RECRUITMENT

SCHEME AND SYLLABUS FOR THE POST OF ZILLA SAINIK WELFARE OFFICERS IN A.P. SAINIK WELFARE SERVICE. SCHEME

| WRITTEN (Objective Type) EXAMINATION | | | | | | |
|--------------------------------------|---|------------|------------|-------------|--|--|
| | | Max. Marks | No. of Qns | Durtion | | |
| i) | General Studies and Mental ability | 150 Marks | 150 Qns. | 150 Minutes | | |
| ii) | Subject: | | | | | |
| | Paper-2 English | 150 Marks | 150 Qns. | 150 Minutes | | |
| | Paper-3 Elementary Mathematics (SSC standard) | 150 Marks | 150 Qns. | 150 Minutes | | |
| Total | | 450 Marks | | | | |

<u>SYLLABUS</u> <u>PAPER -I</u>

GENERAL STUDIES & MENTAL ABILITY

- 1. Events of national and international importance.
- 2. Current affairs- international, national and regional.
- 3. General Science and it applications to the day to day life Contemporary developments in Science & Technology and Information Technology
- 4. Social- economic and political history of modern India with emphases on Indian national movement.
- 5. Indian polity and governance: constitutional issues, public policy, reforms and e-governance initiatives.
- 6. Economic development in India since independence.
- 7. Geography of India With focus on Andhra Pradesh.

- 8. Disaster management: vulnerability profile, prevention and mitigation strategies, Application of Remote Sensing and GIS in the assessment of Disaster
- 9. Sustainable Development and Environmental Protection
- 10. Logical reasoning, analytical ability and data interpretation.
- 11. Data Analysis:
 - Tabulation of data

Visual representation of data

Basic data analysis (Summary Statistics such as mean and variance coefficient of variation etc.,) and Interpretation

- 12. Bifurcation of Andhra Pradesh and its Administrative, Economic, Social, Cultural, Political, and legal implications/problems, including
 - a). Loss of capital city, challenges in building new capital and it's financial implications.
 - b). Division and rebuilding of common Institutions.
 - c). Division of employees, their relocation and nativity issues.
 - d). Effect of bifurcation on commerce and entrepreneurs.
 - e). Implications to financial resources of state government.
 - f). Task of post-bifurcation infrastructure development and opportunities for investments.
 - g). Socioeconomic, cultural and demographic impact of bifurcation.
 - h). Impact of bifurcation on river water sharing and consequential issues.
 - i). AP REORGANISATION ACT, 2014 on AP and the arbitrariness of certain provisions.

SUBJECT Paper-2: ENGLISH

- 1. Comprehension
- 2. Precis-writing
- 3. Re-arrangement of sentences
- 4. Correction of sentences
- 5. Synonyms
- 6. Antonyms
- 7. Filling in the blanks
- 8. Correction of spellings
- 9. Vocabulary and usage
- 10. Idioms and phrases
- 11.Verb tenses
- 12. Prepositions
- 13. Active voice and Passive voice
- 14. Parts of speech

PAPER-3:

ELEMENTARY MATHEMATICS (SSC standard)

ARITHMETIC: Number system-Natural numbers, Integers, Rational and Real numbers, Fundamental operations, addition, substraction, multiplication, division, square roots, Decimal fractions.

Unitary method - time and distance, time and work, percentages, applications to simple and compound interest, profit and loss, ratio and proportion, variation.

Elementary Number Theory – Division algorithm. Prime and composite numbers. Tests of divisibility by 2, 3, 4, 5, 9 and 11. Multiples and factors. Factorisation Theorem. H.C.F. and L.C.M. Euclidean algorithm. Logarithms to base 10, laws of logarithms, use of logarithmic tables.

ALGEBRA: Basic Operations, simple factors, Remainder Theorem, H.C.F., L.C.M. Theory of polynomials, solutions of quadratic equations, relation between its roots and coefficients (Only real roots to be considered). Simultaneous linear equations in two un-knowns-analytical and graphical solutions. Simultaneous linear inequations in two variables and their solutions. Practical problems leading to two simultaneous linear equations or inequations in two variables or quadralic equations in one variable and their solutions. Set language and set notation, Rational expressions and conditional identities, Laws of indices.

TRIGONOMETRY: Sine x, Cosine x, Tangent x when $0^{\circ} \le x \le 90^{\circ}$ values of sin x, cos x and tan x, for x=0°,30°, 45°, 60° and 90°

Simple trigonometric identities.

Use of trigonometric tables.

Simple cases of heights and distances.

GEOMETRY: Lines and angles, Plane and Plane figures, Theorems on (i) Properties of angles at a point, (ii) Parallel lines, (iii) Sides and angles of a triangle, (iv) Congruency of triangles, (v) Similar triangles, (vi) Concurrence of medians and attitudes, (vii) Properties of angles, sides and diagonals of a parallelogram rectangle and square (viii) Circles and its properties including tangents and normals, (ix) Local.

MENSURATION: Areas of squares, rectangles, parallelograms, triangle and circle. Areas of figures which can be split up into these figures (Field Book) Surface area and volume of cubics, lateral surface and volume of right circular cones and cylinders, surface area and volume of spheres.

STATISTICS: Collection and tabulation of statistical data, Graphical representation frequency polygons, histograms, bar charts, plo charts etc. Measures of central tendency.