

4. a. Plan and Pattern of Examination:

The Recruitment process for the posts consists of the following three stages.

Stage-I: **Preliminary Examination** shall be of multiple choice questions to be conducted through Computer Based Recruitment Examination (CBRE mode/OMR mode).

Total Marks: **100 marks.**

The indicative syllabus is given below:-

- Arithmetic– 10th standard
- Data Interpretation (Chart, Graph, Table, Data Sufficiency etc.)– 10th standard
- Logical Reasoning and Analytical Ability, General Mental Ability.
- General Studies-10th Standard.
- Computer / Internet Awareness

Stage-II: a) **Main Written Examination**

Total Marks: **200 marks.**

Detailed syllabus of Main Written Examination is as given below.

A. Concepts of Geometry & Mensuration

- Introduction to Geometry
- 2D Shapes: Line, Circle, Triangle, Quadrilateral, Rectangle, Square, Trapezium, Rhombus and Parallelogram
- 3D Shapes: Sphere, Hemi-Sphere, Cylinder, Cone, Cube, Pyramid, Cuboid
- Important Theorems and Postulates
- Triangles:
 - i. Different types of Triangles
 - ii. Various types of Centres
 - iii. Congruence
 - iv. Similarity
 - v. Perimeter and Area
- Quadrilaterals:
 - i. Different types of Quadrilaterals i.e. Rectangle, Square, Trapezium, Rhombus and Parallelogram
 - ii. Perimeter and Area



- Circle:
 - i. Perimeter and Area
 - ii. Radius, Diameter, Segment, Sector and Chords
 - iii. Tangents
- Area tracing by using Coordinate Geometry
- Height and Distance calculation by using Trigonometric formulae
- Volume, Curved Surface Area (CSA), Lateral Surface Area (LSA), Total Surface Area (TSA) of 3D objects i.e. Sphere, Hemi-Sphere, Cylinder, Cone, Cube, Pyramid, Cuboid
- Units of area Measurement and their conversion

B. Interpretation of MAPS

- Introduction to Maps.
- Map Scale and Ratio.
- Coordinates: Latitudes, Longitudes
- Types of Maps: Political maps, Physical maps, Topographical maps, Topological maps, Nautical maps, Thematic maps and Road maps.
- Properties of Maps: Distance, Symbol and Direction.
- Conventional Signs and symbols
- Interpretation of Topo-Sheets
- Index in maps

b) Computer Skill Test - Qualifying Only.

The indicative syllabus of the Computer Skill Test is given below.

- i. Computer Fundamentals
- ii. MS Windows
- iii. Office Software
- iv. Word Processing (MS Word)
- v. Spread Sheet (MS Excel)
- vi. Presentation or Slide ware (MS PowerPoint)
- vii. Data base (MS access)
- viii. Usage of Internet, Services available on Internet.
- ix. Basic Networking Concepts, Communication Technology.

Stage-III: **Certificate Verification.**

NOTE: In pursuance of GA & PG Department Notification No-29246, dated 18th October 2022, the Preliminary and Main examination, shall be conducted both in Odia and English except for the language subject. The Candidate who desires to answer the paper in English shall exercise his option in the application form. All may note that the option once given cannot be changed. Options are available in the online application form.

(I) There shall be no provision for re-evaluation/ re-checking of the scores. NO correspondence in this regard shall be entertained.

(II) There will be a penalty (Negative marking) for wrong answers marked by the candidate in examinations consisting of Multiple Choice Questions. The Quantum of penalty / negative marking will be **1/4 of total** mark for each wrong answer.

(III) The Commission shall prepare a list of candidates who obtain minimum qualifying marks in the Preliminary written examination as fixed by this Commission in their discretion, for the next stage of the main written examination. The commission may fix different minimum qualifying marks for different category candidates (UR, SC, ST, SEBC etc.). A minimum of **Six times** the number of vacancies may be called for Main written examination basing on the marks secured in preliminary examination.

(IV) Qualifying marks in Computer Skill Test will be **50%** of the total.

(V) Based on the performance in the Main written examination, and having qualified in Computer Skill Test candidates will be shortlisted for certificate verification.

The candidature of the candidates will be rejected /not considered for selection if she/he fails to attend any of the tests/examinations/Certificate Verification.

b. The candidates who fail to appear at any stage of the recruitment process will not be considered for final selection and their names will be deleted from the select list.

c. Any complaint on the conduct of examination must be sent to the commission by email "support.osscc@gov.in" within 05(five) days of completion of examination.

5. Place and Date of written examination:

a. The Date, Time and Venue of the Preliminary examination, Main written examination & CST will be conveyed to the candidates on Commission's website and through the Admission Letter(s) in due course. The Admission Letters can be downloaded by the eligible candidates by accessing the Commission's website from time to time.