

Scheme of Examination:

The examination question paper will consist of 70 (seventy) Multiple Choice Questions (MCQs) carrying equal weightage consisting of 2(two) parts

Subject	Number of Questions	Total Duration of Examination
Mathematics	35	90 minutes
General Knowledge	35	

Syllabus:**1. General Knowledge:**

Knowledge of current events and Everyday Science. Questions relating to state of Manipur and Our Country India and its neighboring countries especially pertaining to its People, History, Culture, Geography and Economy.

2. Mathematics:**Arithmetic:**

Number Systems: Computation of Whole Number, Decimal and Fractions, Relationship between numbers

Fundamental Arithmetical Operations: Percentages, Ratio and Proportion, Square roots, Averages, Interest (Simple and Compound), Profit and Loss, Discount, Partnership Business (Marup), Mixture and Allegation, Time and distance, Time and work, Banking and Taxation.

Algebra: Basic algebraic identities of School Algebra and Elementary surds (simple problems), Graphs of Linear and Quadratic Equations.

Geometry : Familiarity with elementary geometric figures and facts : Triangle and its various kinds of centre, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles.

Mensuration: Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square Base and its applications

Trigonometry: Trigonometric ratios and identities, Complementary angles, Height and distances (simple problems only).

Statistics: Application of Mean, Median Mode and analysis of Statistical Charts like Histogram, Frequency polygon, Bar-diagram, Pie-chart.