

Faculty of Medicine

MASTERS IN PUBLIC HEALTH

Syllabus for Entrance Test

A. GENERAL AWARENESS (25%)

Objective : To test the candidate's awareness of the Political, Social, Technological, Economic, current affairs and other environments both in Indian and International contexts.

Basic Social Science of Class X Level.

B. QUANTITATIVE ABILITY AND VERBAL ABILITY & READING COMPREHENSION (25%)

Objective : To judge the candidates' ability to use the fundamental and standard procedure in arithmetic, algebra, geometry and other branches of mathematics and to ascertain logical thinking, accuracy and speed in applying the basic skills of mathematics and to test a candidate's skill of quick comprehension and verbal ability.

- Number System, Percentage, Ratio & Proportion, Time and Distance, Relative Speed, Time and work, HCF and LCM, Exponents and Roots, Algebraic Expressions, Linear and Quadratic Equations, Basics of Trigonometry and Coordinate Geometry.
- Elementary Statistics : Mean, Median, Mode, etc. Problems based on Interest, discounts, selling price, cost price and profit.
- Comprehension at paragraph and sentence level, identification of mistakes, grammar and usage, word formation, synonyms, antonyms, pairing of words, analogies, sentence structure and construction, active and passive voice, prepositions, completion of sentences, Direct and Indirect Speech, Ability to use parts of speech correctly and in proper structures, tenses etc.

C. HEALTH COMPONENT (50%)

Research study designs, Levels of Prevention, Natural history of disease. Evolution of Public Health, Important Public Health Acts, Health Problems of Developed and Developing countries, health problems in India, and health, concept of health and disease, concept of epidemiology, health planning in India.