

(c) **Indicative Syllabus for Examination.**

(i) **General Intelligence and Reasoning.** It would include questions of both verbal and non-verbal type. The test will include questions on analogies, similarities and differences, space visualization, problems solving, analysis, judgment, decision making, visual memory, discriminating observation, relation concepts, verbal and figure classification, arithmetical number series, non-verbal series etc. The test will also include question design to test candidates ability to deal with the abstract ideas and symbol and their relationship, arithmetical computation and other analytical functions.

(ii) **Numerical aptitude.** This paper will include question on problems relating to number system, computation of whole numbers, decimals, fractions and relationships between numbers, fundamental arithmetical operations, percentage, Ratio and proportion, averages, interest, profit & loss, discount, time & distance, ratio & time, time & work etc.

(iii) **General English.** In addition to the testing of candidates understanding of English language, its vocabulary, grammar, sentence structure, synonymous, antonyms and its correct usage etc.

(iv) **General Awareness.** The test will include questions relating to India and its neighboring countries especially pertaining to sports, history, culture, geography, economics scene, general policy including Indian Constitution and scientific research etc. These questions will be such that they do not require special study of any discipline.

(v) **General Awareness on Fire Fighting.** This test will include questions on knowledge of Fire Fighting, operational use of Fire Fighting Equipments, life savings drills, causes of fire etc.

(d) **Physical Endurance Test (PET).** Candidates qualified in the written examination in order of merit will be shortlisted in a ratio of **1:10** to the number of vacancies in each category based on marks obtained in written examination to appear for Physical Endurance Test (PET). Before conduct of PET, all the eligible candidates will be examined for their essential physical attributes as per Para 5 above. Candidates not qualifying the essential criteria will not be permitted for PET. **PET is mandatorily applicable for all categories of candidates including PwBD (HH) and Ex-Serviceman.**

(i) Responsibility of any accident / casualty occurring during the course of PET rests with the candidates and the administration will not be responsible / liable for the same.

(ii) Candidates may note that mere qualifying in written examination / PET does not entitle them for appointment for the post of Fireman. The selection would be purely based on the position secured in written examination and qualifying in the PET. The candidates who have qualified for both written and PET would be shortlisted for preparing provisional merit list which would be based on the performance in written examination.