

SCHEME OF EXAMINATION

1. **Details of Physical Endurance/ Skill Tests.**

<u>Name of Post</u>	<u>Stage-I (Qualifying)</u>	<u>Stage-II</u>
Tradesman Mate	<u>Physical Endurance Test</u>	Written
	(a) 1.5 Km run in 6 mins	
	(b) Carrying a weight 50 Kg to a distance of 200 mtr in 100 secs	
	<u>For ESM (Below 40 yrs)</u>	
	(a) 1.5 Km run in 7 min 11 sec (431 secs)	
	(b) Carrying a weight 50 Kg to a distance of 200 Mtr in 2 mins (120 secs)	
	<u>(40-45 Yrs)</u>	
	(a) 1.5 Km run in 7 min 48 Secs (468 Sec)	
	(b) Carrying a weight 50 Kg to a distance of 200 mtr in 2 min 10 Secs (130 Sec)	
	<u>(Above 45 Yrs)</u>	
	(a) 1.5 Km run in 9 min 22 secs (562 secs)	
	(b) Carrying a weight 50 Kg to a distance of 200 mtr in 2 min 40 secs (160 secs)	
	<u>For Female Candidates</u>	
	(a) 1.5 Km run in 8 min 26 secs	
	(b) Carrying a weight 50 Kg to a distance of 200 mtr in 3 min 45 secs (225 secs)	
Documents Check and Biometric Registration for all candidates.		
Fireman	<u>Physical Measurements (Qualifying)</u>	Written
	(a) Height without shoes - 165 cms (A concession of 2.5 cms shall be allowed for members of ST cat)	
	(b) Chest (unexpanded) - 81.5 cms	
	(c) Chest (expanded) - 85 cms	
	(d) Weight (minimum) - 50 Kg	
	<u>Physical Endurance Test</u>	
	(a) 1.6 Km Run	
	(i) Candidates other than ESM/Female candidates - 06 mins	
	(ii) Female Candidates - 08 min 26 secs	
	(iii) ESM Candidates	
	(aa) Below 40 yrs - 7 min 11 secs	
	(ab) Between 40-45 yrs - 7 min 48 secs	
	(ac) Above 45 Yrs - 9 min 22 secs	
	(b) Carrying a person of 63.5 Kgs to a distance of 183 meters within 96 seconds	
	(c) Clearing 2.7 meters wide ditch landing on both feet (long jump)	
(d) Climbing 3 meters vertical rope using hands and feet		
Documents Check and Biometric Registration for all candidates.		

2. **Details of Syllabus for Written Test.**

<u>SYLLABUS FOR POSTS IN PAY LEVEL-1 & 2 (MATRIC LEVEL STANDARD)</u>			
<u>Subject</u>	<u>No of Questions</u>	<u>Marks</u>	<u>Duration of Examination</u>
General Intelligence & Reasoning	50	50	2 Hours (20 Minutes extra for each hours for visually handicapped candidates only)
Numeric Aptitude	25	25	
General English	25	25	
General Awareness	50	50	
Total	150	150	

Note-I The paper will consist of objective type-multiple choice questions only. The questions will be set both in English and Hindi, except General English, English Language & Comprehension.

Note-II Examination will be conducted in objective type questions and to be answered on Optical Mark Recognition (OMR) Sheets, the sample of which is given under 'Candidates Corner' on Web Application www.aocreruitment.gov.in.

Note-III There will be provision of negative marking (**0.25 marks for each wrong answer**) in written test for incorrect answers.

Note-IV. Syllabus: -

(i) **General Intelligence & Reasoning.** It would include questions of both verbal and non-verbal type. The test will include questions on analogies and differences, space visualization, problem solving analysis, judgement, decision making, visual memory, discriminating observation, relationship, concepts, verbal and figure classification, arithmetical number series, non-verbal series etc. The test will also include questions designed to test the candidate's abilities to deal with abstract ideas and symbols and their relationship, arithmetical computation and other analytical functions etc.

(ii) **General English.** Candidates understanding of English language and its correct usage, vocabulary, grammar, sentence structure, synonyms, antonyms and its correct usage etc.

(iii) **Numerical Aptitude.** The paper will include questions on problems relating to Number systems, computation whole numbers, Decimals and Fractions and relationship between numbers, fundamental arithmetical operations, percentages, ratio and proportion, averages, interest, profit and loss, discount, use of tables and graphs, mensuration, time and distance, ratio and time, time and work etc.

(iv) **General Awareness.** Questions will be designed to test the ability of the candidate's general awareness of the environment around them and its applications to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observation and experience in their scientific aspects as may be expected out of educated personnel. The test will also include questions relating to India and its neighbouring countries especially pertaining to sports, history, culture, geography, economic scene, general policy including Indian constitution and scientific research etc. These questions will be such that they do not require a special study of any discipline.