

3. Medical Assistant

• Scheme of examination:

A Written Examination: 150 Marks

Sl No.	Subject	Marks	Duration of examination
Part-I			TWO HOURS
1.	General Intelligence (10+2 standard) <i>Objective/Multiple-choice type</i>	25	
2.	General Awareness (10+2 standard) <i>Objective/Multiple-choice type</i>	25	
Part-II			
3.	Technical knowledge <i>Objective/Multiple-choice type</i>	100	

B. Skill Test: 50 Marks

Only those candidates who attain a minimum-qualifying standard of 40% in the written examination will be eligible to be called for skill test. The candidates **qualifying** as above should be called for skill test subject to the condition that the total number of candidates called for skill test does not exceed five times the declared vacancies.

• Syllabus for examination:

A. General Intelligence:

The questions will be of **12th standard** and would include both verbal and non-verbal type. The test **may include** questions to test the candidates understanding of English language and its correct usage.

B. General Awareness:

The questions will be designed to test the ability of the general awareness of the environment around the candidate and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observation and experience in

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their scientific aspects as may be expected of an educated person of 10+2 standard. The test will also include questions relating to India and its neighbouring countries especially pertaining to History, Culture, Geography, Economic scene, General Polity and Scientific Research.

C. Technical Knowledge:

The questions will be designed to test the knowledge and competence of the candidates' technical knowledge in the field of First-aid, Ward procedure, Operation Theatre procedure and sterilization etc.

D. Skill Test:

The skill test should be designed to test the practical ability and skill of the candidates' in the following fields:

1. Principles of First-aid of wounds, dressing of wounds, stitching of simple wounds.
2. Practical knowledge about vital signs and basic life support.
3. Splinting of fractures, different types of dressings and bandages.
4. Concepts of transportation of sick and injured.
5. Practical knowledge regarding Oxygen administration and using suction apparatus.
6. Practical knowledge about common ward procedures like catheterization, draining of wounds, insertion of feeding tubes, steam inhalation, sponging, administration of ice-bag, hot bag etc.
7. Practical knowledge about attachment of ECG cables, monitor equipment etc.
8. Pre-operative preparation of patients, knowledge about patient registration and admission protocol.
9. Practical knowledge of infection control and waste disposal protocol.
10. Gloving, gowning, draping, concept & procedure for theatre entry, aseptic techniques.
11. Preparation and packing of sterile supplies, room sterilization, surface sterilization etc.
12. Practical knowledge regarding surgical instruments and materials and their usage, trolley setting for various surgeries etc.
13. Concepts about OT tables, its various positions, handling OT instruments like surgical cautery, Boyle's apparatus.
14. Skills of working on computer.