



All India Institute of Medical Sciences, Jodhpur

Indicative Syllabus for the Examination for the Post of Dissection Hall Attendant

(Syllabus is only indicative. The questions can assess any aspect of knowledge, aptitude, attitude and practical skills, which is expected from a trained person to work efficiently at the advertised post)

Section A

40% Questions to be based on General Aptitude from the following topics:-

General Intelligence & Reasoning: It would include questions of non-verbal type. The test will include questions on similarities and differences, space visualization, problem solving, analysis, judgment, decision making, visual memory, discriminating observation, relationship concepts, 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.

Quantitative Aptitude: This paper will include questions on problems relating to Number Systems, Computation of 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.

Computer Knowledge: Candidates' understanding of the Basics of Computer Knowledge, its parts, functions, emails, MS office, etc.

Section B

60% Questions to be based on Subject/Domain knowledge from the following topics:-

I. Anatomy

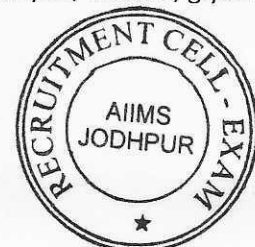
- Overview of the human body and knowledge of human organ systems
- Basic knowledge of anatomical structures and parts
- Understanding the importance of dissection in anatomy education

II. Laboratory Safety

- Safe handling of laboratory equipment and tools
- Knowledge of proper disposal of biological waste and hazardous materials
- Use of personal protective equipment (PPE)
- Emergency procedures and first aid in the laboratory

III. Dissection Techniques

- Introduction and identification of basic dissection tools and instruments
- Dissection and sectioning of different anatomical specimens
- Basic knowledge of Embalming Techniques like arterial, cavity and surface embalming
- Knowledge of composition of embalming and cadaver tank fluids like formaldehyde, alcohol, glycerine and thymol.



- e) Organ handling and preparation
- f) Basic bone retrieval techniques using alkali solution and boiling and bone bleaching using hydrogen peroxide.

IV. Maintenance of Dissection Hall

- a) Cleaning and sanitization of dissection equipment
- b) Maintenance of specimen storage facilities including Cadaver storage tanks
- c) Organizing and maintaining a clean and safe dissection environment
- d) Ethical and Legal considerations
 - i) Understanding the ethical principles of handling human
 - ii) Compliance with legal regulations regarding dissection
 - iii) Respect for donor and specimen confidentiality
- e) Record-keeping and documentation of dissection activities

V. Infections Control

- a) Knowledge of infection control protocols and procedures including universal safety precautions.
- b) Basis disinfection and sterilization techniques.

