

INDIAN STATISTICAL INSTITUTE

Recruitment for posts of Associate Scientist A (*Specialization: Museology*)

SECTION II

Syllabus for Online and Skill Tests

- **Introduction to Museum and Museology:** Definitions and concepts of museum & museology and related area; History, growth and development of museums in Indian and Global context; Classification, types, functions and roles of museums, Role of national and international professional organizations – museums associations, ICOM museum information center & ICOM code of ethics.
- **Collection Management:** Purposes, scope & ethics of collection, Collection management policy, Methods of collecting tangible and intangible heritage & authenticating museum objects, Collection holding areas– accessibility, retrieval, storage systems and preventive conservation measures, Collection security; Guidelines for handling, packing and transporting collections.
- **Documentation, Research of Tangible and Intangible Collections:** Purposes and ethics of documenting Museum collections, Documentation policy and procedures, document types; Digital documentation, Numbering the objects, Barcoding, Documentation standards& formats; Use of standard terminology. Concept of object ID, Objectives and scope of collection research; Models of collection research.
- **Museum Exhibitions:** Museum exhibition as a communication system. Models of communication in the context of exhibitions, Exhibition policy, Ethics of exhibitions, Types of exhibitions, Components of exhibitions, Exhibition text, Exhibition lighting, Planning and designing exhibitions, Designing exhibition furniture, dioramas and historical settings & evaluation.
- **Museum Education, Interpretation and Publications:** Role and potential of museums in education/ learning, Museums and lifelong learning, Education versus interpretation, Ethics of museum education, Museum education policy; Theories of learning; Making learning opportunities accessible to persons with disabilities; Museum extension services, Museum publication, Feedback – purposes and methods.
- **Conservation of Collections:** Definitions, Terminology used of conservation – preventive, remedial and restoration; Nature and properties of material of collections, Susceptibility of materials to different agents of decay; Ethics of conservation, Conservation policy, Conservation audit. Causes and types of deterioration, Preventive conservation. Good practices of housekeeping and rules of handling museum objects; Tools, materials and equipments used in housekeeping and handling; Methodology in remedial conservation.
- **Museum Management:** Concept of management, Functions of management, Financing, Project management, Prevention of harassment in work place, Museum security, Disaster management.

- **Museum Marketing and Public Relation:** Meaning and purpose of marketing and its role in museums. Marketing terminology, Concept and types of products; Product life cycle and marketing strategies at different stages; Museum as a multiproduct organization and a service; Marketing research, Marketing versus public relations; Tools, tactics and strategies of public relations; Media relations; Public relations campaigns.
- **Legislation and Conventions Related to Museums and Heritage:** Museum related acts, movements, Wild life protection act, Persons with disabilities act- 1995, Right to information act, UNESCO world heritage Convention- 1972, UNESCO convention.

Sample Questions for the Selection Test

Note: For each of the questions there are four suggested answers, of which only one is correct. You will score

*4 marks for each correctly answered question,
0 mark for each incorrectly answered question, and
1 mark for each unattempted question.*

1. The Book "The Hand Book for Museums" is written by
 - (a) Gary Edson & David Dean
 - (b) C.E. Barcaw
 - (c) Ambrose & Paine
 - (d) Garry Thomson
2. The World Heritage Site as per UNESCO Situation in West Bengal is
 - (a) Darjeeling Himalayan Railway
 - (b) Mogolmari excavation site
 - (c) Chandrakehagarh
 - (d) Radhabinode Temple, Bishnupur
3. Cause of Marble cancer is due to
 - (a) Citric Acid
 - (b) Hydrochloric Acid
 - (c) Sulphuric and Nitric acid rain
 - (d) Tataric Acid
4. The Indian Treasure Trove Act came into force in the year
 - (a) 1851
 - (b) 1891
 - (c) 1912
 - (d) 1878
5. Geiger Muller is – based Geiger counters is used for
 - (a) determination of nuclear radiation of antiquities
 - (b) Consolidation of terracotta objects
 - (c) determination of core metal of antiquity
 - (d) for restoration of antiquity
6. Bharat Mata is a work painted by Abanindranath Tagore during the year
 - (a) 1905
 - (b) 1919
 - (c) 1921
 - (d) 1947
7. ICCROM Stands for
 - (a) International Center for the Study of the Preservation and the Restoration of Cultural Property
 - (b) International Council for Study of Restoration of Cultural Property
 - (c) International Cultural Council Rome
 - (d) International Civil Body for Preservation of Antiquities
8. The Antiquities and Art Treasure Act enforced
 - (a) To prevent of fraudulent dealings
 - (b) To preserve antiquities
 - (c) To identify art treasures
 - (d) To stop violation of copyright act
9. Didarganj Yakshi belongs Marry Art to
 - (a) 3rd Century B. C.
 - (b) Gupta Art form
 - (c) 9th century B.C.
 - (d) Sunga Art
10. The National Museum of Natural History, New Delhi was opened to the Public in the year
 - (a) 1972
 - (b) 2000
 - (c) 1978
 - (d) 1956