

# **RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER**

## **SYLLABUS FOR COMPETITIVE EXAMINATION FOR THE POST OF ASSISTANT PROFESSOR IN MUSEOLOGY FOR COLLEGE EDUCATION DEPARTMENT**

### **PAPER-II**

#### **UNIT-A: Remedial Conservation and Preservation of Biological Collections-**

1. Definition and purpose of remedial conservation. Infrastructure required for setting up a conservation laboratory. Training opportunities in conservation in India and abroad. Organizations dealing with conservation of cultural property: ICCROM, IIC, CCI, AIC, NRLC, INTACH, GCI, IASC.
2. Methodology of Remedial Conservation: techniques of examination, diagnosis of type and extent of decay, documentation and testing of probable treatments, treatment of objects using suitable materials and method. Recommendations for preventive care.
3. Materials, equipment, tools and techniques used in remedial conservation of following materials:
  - i. Paper and Archival Materials
  - ii. Paintings on different substrate such as wall, canvas, paper, wood, textiles, palm leaf, etc.
  - iii. Textiles and Costumes
  - iv. Wood, skin material, bone, horn and ivory
  - v. Metallic objects made of iron, copper, bronze and silver
  - vi. Stone objects
  - vii. Ceramic and Glass
  - viii. Composite material
  - ix. Biological specimens
4. Health and Safety issues.

#### **UNIT-B: Museum Communication-**

1. Museum Exhibitions: meaning and significance; types of exhibitions and their objectives.
2. Exhibition policy; Ethics of exhibition.
3. Exhibition components and configuration.
4. Exhibition Planning: stages and strategies, exhibition team, preparation of exhibition brief/ exhibition script, schedule of work.
5. Exhibition Design: use of principles of design, colour, texture and light. Creation of layouts. Scenography. VR and AR, Immersive experience. Understanding impact of exhibition components on visitors. Consideration of ergonomics.

6. Exhibition Furniture: showcases, pedestals, display boards, etc. Purposes and types of showcases. Factors governing the design of showcases, dioramas, period rooms, etc. Qualities of a good showcase.
7. Exhibition Lighting: sources of light and their characteristics; different types of lamps and their characteristics features; Choice of lamps and lighting levels according to the demand of exhibitions and its users.
8. Exhibition Text: Meaning, purpose, format and language. Methods of assessing readability and comprehensibility. Typography. Signage.
9. Exhibition Evaluation: meaning and significance; Types: front-end analysis, formative and summative; Methods: observation studies, experiments and surveys.
10. Role of museums in formal, non-formal and informal education/learning. Museum as an ideal place for lifelong learning. Characteristics of learning in museums. Concept of interpretation and its characteristics. Ethics of museum education.
11. Management of Education Services: policy, procedures, resource requirements, training of education staff including documents, planning of learning programmes.
12. Education Theories: Piaget's theory of Cognitive Development, John Dewey's theory of Experiential Learning and Howard Gardener's theory of Multiple Intelligences, and their implication in learning in museums.
13. Learning characteristics of different audiences such as children, adults, tourists and people with disabilities and suitable learning and interpretive activities and provisions for them.
14. Extension Services: community programmes, school loan services, mobile and travelling exhibitions, and online programmes.
15. Museum Publications: purpose and significance; types of publications—administrative and interpretative.
16. Feedback and Evaluation: importance and methods.

### **UNIT-C: Museum Management and Marketing-**

1. Management: Meaning, nature, definitions and purpose. Functions of management and its role in museums.
2. Legal status and administrative set up of museums. Role and responsibilities of governing body/boards/ trusts and committees.
3. Planning: types of plans: Vision and mission statements, objectives, policies, procedures, rules, strategies, action plans, and contingency plans. Planning process, MBO, strategic planning.
4. Organizing: meaning, purpose and types of organizational structures; Organizational structure of different types of museums in India.
5. Staffing: recruitment rules, methods of recruitment, job descriptions, service conditions, motivation, training and development of human resource, performance management and performance appraisal. Prevention of harassment in work place.

6. Directing: meaning and importance; functions of directing – influencing, guiding, supervising and motivating staff. Types of leaders; Issue of leadership in museums.
7. Controlling: meaning and significance; process and methods of control.
8. Financing: Concept of pluralistic funding; sources of fund generation; Budget and budgeting; Financial policies, and audit.
9. Project Management.
10. Museum Security: risk assessment and management. Manual, physical and electronic security. Security procedures. Fire safety.
11. Disaster Management: preparation, prevention, response and recovery.
12. Marketing: meaning and definitions; Role of marketing in museums.
13. Museum as a service and a multiproduct organization in the light of marketing concept of product.
14. Segmentation and Target marketing: significance, bases and approaches.
15. Marketing Mix: product, price, promotion and place
16. Marketing Research: purpose, types and methods.
17. Right to information Act, 2005
18. The Rights of Persons with Disabilities Act, 2016.

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**Note: Pattern of Question Paper**

1. Objective type paper
2. Maximum marks: 75
3. Number of questions: 150
4. Duration of paper: Three hours
5. All questions carry equal marks.
6. There will be negative marking.
7. Medium of competitive exam: Bilingual in English and Hindi