

## Conservation and Preservation of Museum Objects

**Semester** : IV  
**Max. Marks** : 70  
**Time** : 3 Hours

**Note:-** the question paper shall consist of three sections (Sec.-A, Sec.-B and Sec.-C). Sec.-A shall contain 10 objective type questions of one mark each and student shall be required to attempt all questions. Sec.-B shall contain 10 short answer type questions of four marks each and student shall be required to attempt any five questions. Sec.-C shall contain 8 descriptive type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper

<b>Unit-I</b>	(a) Principles of conservation and preservation (b) Types of conservation	<b>(6 Lect.)</b>
<b>Unit-II</b>	(a) Causes of Bio-deterioration (b) Techniques for remedial measures of Bio-deterioration	<b>(8 Lect.)</b>
<b>Unit-III</b>	(a) Causes of deterioration of Wood, Paper and Textile (b) Techniques of treatment and preservation	<b>(10 Lect.)</b>
<b>Unit-IV</b>	(a) Causes of deterioration of Ivory, Bone and Leather (b) Techniques of treatment and preservation	<b>(11 Lect.)</b>
<b>Unit-V</b>	(a) Causes of deterioration of Iron, Copper and Silver (b) Techniques of treatment and preservation	<b>(10 Lect.)</b>

### **Recommended readings**

1. Plinder lith, H.J., Conservation of antiquities at works of art, Oxford University, London.
2. Brothwell, Don and others ed., Science in archaeology, Cristal, Thames & Hudson.
3. Garola, T. R., Handbook of chemical conservation of Museum objects, Baroda, Department of Museology M.S. University, Baroda.
4. Agrawal, O.P., Preservation of art objects and library materials, National book trust, Delhi.
5. Agrawal, O.P., Manuscripts, books, Archival and alike Material, INTACH.
6. Agrawal, O.P., Conservation of manuscripts and documents, INTACH.

7. Agrawal, O.P., Conservation of books, monuscripts and paper documents, INTACH.
8. Agrawal, O.P., Microbial deterioration of wood, INTACH.
9. Agrawal, O.P., Deterioration of wooden objects by paintings, INTACH.
10. Agrawal, O.P., Microbiol Deterioration of Paintings, INTACH.
11. Agrawal, O.P., Care and Preservation of Museum objects, National Research Lab, New Delhi.
12. Agrawal, O.P., Recent Trends in Conservation of art heritage, Agam Kala Prakashan, New Delhi.
13. Agrawal, O.P., Conservation of Water Painting in India achievement and Problems, Sandeep Prakashan, New Delhi.
14. Agrawal, O.P., Shashi Dhawan, Studies in biodeterioration of materials -1, INTECH, Lucknow.
15. Singh, A. P., Conservation and Museum techniques, Agam Kala Prakashan, Delhi.
16. Anuradha, V. Kumar, Conservation of building stones, Sandeep Prakashan, New Delhi.
17. Satyamurti, S. T., Preservation of biological specimens, Baroda, University.
18. Sarkar, H., Museum and protection of monuments and antiquities in India, Sandeep Prakashan, Delhi.
19. Ghose, Arun, Conservation Restoration of Cultural Heritage, Agam Kala Prakashan, Delhi.
20. अग्रवाल] ओ० पी० एवं रश्मि पाठक] भित्तिचित्रों की जाँच और संरक्षण.] भारतीय संरक्षण संस्थान परिषद] लखनऊ एवं सन्दीप प्रकाशन] दिल्ली ।
21. अग्रवाल] ओ० पी०] पुस्तकालय सामग्री और कला वस्तुओं का परिरक्षण.] दिल्ली नेशनल बुक ट्रस्ट] दिल्ली ।
22. अग्रवाल] ओ० पी० एवं मन्डाना बारकेशली] पुस्तकों पा.दुलिपियों तथा कागजी प्रलेखों का संरक्षण.] भा० संरक्षण संस्थान परिषद] लखनऊ एवं सन्दीप प्रकाशन] दिल्ली ।