

**BA-III Year
Generic Elective (GE)
Code: BAM- G601**

Conservation & Preservation of Monuments and Museum objects

**Semester-VI
Max. Marks -60
Time- 3 Hrs**

Course Objectives

Students will extend their abilities to:

- Understand Principles of conservation and preservation of monuments and museum objects.
- Learn the methods of chemical treatments of museum objects.

Course Outcomes

The students will be able to:

CO1 learn importance of conservation and preservation.

CO2 Appraise the process of deterioration and treatments of object.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer 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.

Course Contents:

Unit-I	(a) Causes of deterioration of Metals, Lead, Tin and Gold. (b) Techniques of treatment and preservation.	(17 Lect.)
Unit-II	(a) Causes of deterioration of Stone and Terracotta objects. (b) Techniques of treatment and preservation.	(16 Lect.)
Unit-III	(a) Causes of deterioration of monuments made by Marble. (b) Causes of deterioration of sea-shore monuments. (c) Techniques of treatment and preservation.	(20 Lect.)
Unit-IV	(a) Causes of deterioration of Manuscript and Miniature paintings. (b) Techniques of treatment and preservation.	(19 Lect.)
Unit-V	(a) Field laboratory and its importance. (b) Techniques of treatment of excavated objects.	(18 Lect.)



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References:

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., Removal of plants and Trees from historic buildings, INTACH.
6. Agrawal, O.P., Bio deterioration of Ethnological objects, INTACH.
7. Agrawal, O.P., Microbiological deterioration of wood, INTACH.
8. Agrawal, O.P., Deterioration of wooden objects by paintings, INTACH.
9. Agrawal, O.P., Microbiol Deterioration of Paintings, INTACH.
10. Agrawal, O.P., Care and Preservation of Museum objects, National Research Lab, New Delhi.
11. Agrawal, O.P., Recent Trends in Conservation of art heritage, Agam Kala Prakashan, New Delhi.
12. Agrawal, O.P., Conservation of Water Painting in India achievement and Problems, Sandeep Prakashan, New Delhi.
13. Agrawal, O.P., Shashi Dhawan, Studies in bio deterioration of materials -1, INTECH, Lucknow.
14. Singh, A. P., Conservation and Museum techniques, Agam Kala Prakashan, Delhi.
15. Anuradha, V. Kumar, Conservation of building stones, Sandeep Prakashan, New Delhi.
16. Satyamurti, S. T., Preservation of biological specimens, Baroda, University.
17. Sarkar, H., Museum and protection of monuments and antiquities in India, Sandeep Prakashan, Delhi.
18. Ghose, Arun, Conservation Restoration of Cultural Heritage, Agam Kala Prakashan, Delhi.
19. Agrawal, O.P. ewm Rashmi Pathak, *Bhittichitron ki janch aur sanrakshan*, Bhartiya sanrakshan sansthan parishad, Lucknow ewm Sandeep prakashan, Delhi.
20. Agrawal, O.P. *Pustakalaya samagri aur kala vastuon ka parikshan*, national book trust, Delhi.
21. Agrawal, O.P., ewm Mandana Barkeshali, *Pustakon, Pandulipiyon tatha Kagji Pralekhon ka sanrakshan*, Bhartiya sanrakshan sansthan Parishad, Lucknow ewm Sandeep Prakashan, Delhi.



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