

University of Rajasthan
Jaipur

SYLLABUS

M.A.
MUSIOLOGY

(Semester Scheme)

I/II Sem. - 2015-2016
III/ IV Sem. - 2016-2017

Prepared by - *hna*
22/08/15

Checked by *an*
22/8/15

Asstt. Registrar (Acad-I)
University of Rajasthan

SYLLABUS
Centre for Museology & Conservation
University of Rajasthan
Jaipur

Post-Graduate Course :

There shall be 18 paper in all in I,II,III & IV Semester of P.G. Course
8 Papers in M.A. (I & II Semester) and 10 Paper in III & IV.

The duration of paper shall be of 3 Hours and each Paper carrying 9 credits
marks in the following manner, the minimum pass marks is as in other P.G.
course of Social Science.

Eligibility :Students with a Bachelor Degree with minimum marks 48% are
eligible.

Paper I, II, III, V, VI, VII of M.A. (I &II Semester). Total Marks 9 Credits
(Written paper : Credits and record of assignments based on visit and
survey of the museum and practical training Credits).

Minimum passing marks in written paper : Credits

Minimum passing marks in assignment and practical training :

Paper IV & VIII of M.A. (I & II Semester). Total Marks 9 Credits
(Written paper)

Paper IX, X, XIV, XV of M.A. (III & IV Semester). Total Marks 8 Credits
(Written paper : Credits and record of assignments based on visit and
survey of the museum and practical training Credits).

Minimum passing marks in written paper : Credits

Minimum passing marks in assignment and practical training : Credits

Paper XI, XII, XVI, XVII of M.A. (Final). Total Marks 8 Credits
(Written paper).

**Paper XIII, XVIII : Dissertation of Credits (Practical Training and
Tour Report Credits and Viva-voce Credits. Total :Credits.**

Minimum passing marks in Dissertation : Credits

Tour report : Credits

Viva Voce : Credits

A candidate for a pass at each of the Previous and the Final Examination
shall required to obtain% Credits in each individual paper and at least
..... % Credits marks in the aggregate of all the papers.

N.B. : Non-collegiate are not eligible to offer this course.

MA Museology, FIRST SEMESTER

Compulsory Core Courses (CCC)

S. No.	Paper	Title of Course	Code No.
1	Paper I	Introduction to Museum & Museology	CMC-101
2	Paper II	Museum Management	CMC-102
3	Paper III	Collection Management	CMC-103
4	Paper IV	Documentation & Research	CMC-104

MA Museology, SECOND SEMESTER

S. No.	Paper	Title of Course	Code No.
1	Paper V	Museum Education	CMC-201
2	Paper VI	Survey of Indian Art	CMC-202
3	Paper VII	Conservation : Curative Conservation	CMC-203
4	Paper VIII	Conservation : Preventive Conservation	CMC-204

MA Museology, THIRD SEMESTER Compulsory Core Courses (CCC)

S. No.	Paper	Title of Course	Code No.
1	Paper IX	Museum Architecture	CMC-301
2	Paper X	Museum Exhibition	CMC-302
3	Paper XI	Preservation of Architectural Heritage	CMC-303
4	Paper XII	Elements of Archaeology, Epigraphy & Numismatics	CMC-304
5	Paper XIII	Tour Report & Viva-Voce Examination	CMC-321

MA Museology, FOURTH SEMESTER

S. No.	Paper	Title of Course	Code No.
1	Paper XIV	Anthropology & Heritage	CMC-401
2	Paper XV	Monuments of Rajasthan : General Survey	CMC-402
3	Paper XVI	Museum Publication	CMC-403
4	Paper XVII	Museum Photography and Techniques	CMC-404
5	Paper XVIII	Dissertation & Viva-Voce	CMC-421

Scheme of the Distribution of Marks

Paper I, II, III of Semester I & II : I, II, III, V, VI, VII carry 100 marks (written paper 75 and written assignment band on visit and survey of Museum 25 marks) Paper of Semester III and IV : IX, X, XIV, XV

**CENTRE FOR MUSEOLOGY & CONSERVATION
UNIVERSITY OF RAJASTHAN, JAIPUR**

For the Course, From 2010-11 to 2011-12
M.A. Previous

Semester I

Paper I CMC 101: Introduction to Museum & Museology Course catg. CCC 9 Credits
7 Credits for theory and 2 credits for Practical. Theory-75 & Practical-25 Marks.

Unit - I

Aims, functions and relevance of Museums: concept of museum origin; Changing meaning and definitions; History of Museums in India, World and Rajasthan. History of museums in global context. Introduction to select museum in foreign countries.

Unit - II

Museology and Museography - origin and meanings. Concepts of Eco-museum and New Museology. Specialized Museums : Children museum, personallia museum, eco museum, virtual museum etc.

Unit-III

Types of museums - classification of museum on the basis of nature of collections, governing body, and scope. New types of museums, museum-like structures and allied institutions. Professional organizations. Training opportunities in India and abroad.

Practical- To make proposal for an Eco-museum in Jaipur or select an existing museum or community which can be develop as eco-museum and present a proposal on basic need and structure needed for eco-museum on concerned site.

Reference Books:-

1. Grace Morley Museums To-day, 1967 by Publisher- Department of Museology, M.S. University of Baroda, 1968.
2. Dr. Grace Morley Museums and museology: new horizons: essays in honor on her 80th birthday
3. Authors- Grace Morley, Vinod P. Dwivedi, Gayatri Nath Pant, Publisher- Agam, 1980
4. Vasant Hari Bedekar, New Museology for India Publisher- National Museum Institute of History of Art, Conservation, and Museology, 1995

Paper II CMC 102 : Museum Management Course catg. CCC 9 Credits
7 Credits for theory and 2 credits for Practical. Theory-75 & Practical-25 Marks.



Unit 4/5/6/7/8/9/10

Unit – I

Museum Management : meaning, nature, purposes, Change in Museums legal status and administrative setup. Friends and members of the Museums, Liaison with outside experts, laboratories, Institutions and Profession organization. Training opportunities in India.

Unit – II

Museums and their administrative structure, Museum Staff, their recruitment and training. Qualification and duties, supervision and report of work. Museum finance, sources of funds methods of budget preparation. Allocation of expenditure, maintaining of accounts and audit. Office Methods - routines, rules and regulation, Special bodies related to museum and museum work.

Unit – III

Museum marketing : objectives, purposes, policies, techniques. General maintenance and supervision of Collection; Display; Management of security – Procedure, techniques, electronic system and Maintenance; Public comfort and facilities, Public relation; Health Safety of Museum visitors; Co-operation with mass media.

Funding sources : Admission fee, membership programs, renting, food services, museum shops, grant-in-aids, donation, foundations and corporate houses. Process and terms in getting grant-in-aid from Central and State government. Strategies for seeking donation and sponsorships.

Practical (2 credits) Museum Management. – Case study of a small museum in Jaipur. Suggest administrative structure and funding policies for the same.

Reference Books:-

1. Studies in Museology, Volume 36, Publisher- Department of Museology, M. S. University of Baroda., 2003, Original from- the University of California
2. Grace Morley: Museums Today- Publisher, University of Baroda, Department of Museology, 1981
3. Thompson, John M.A.: Manual of Curatorship Butterworths, reprint 1984
4. S. F. Markham and H. Hargreaves.: Museums of India-London 1936
5. Jahir, M.-Museum Management, Allahabad -1963, Distributors- Ram Advani, Haratjung, Lucknow.
6. Sivaram Murti, C-Directory of Museum in India, New Delhi 1959.
7. Bhatnagar, Anupama-Museum Museology and New Museology, New Delhi 1999
8. Agarwal, Usha, Museum in India-A brief Directory, New Delhi 1985 (1969)
9. The organization of Museums: practical advice, Issues 9-10 Unesco, Author- Unesco, Edition- 4, illustrated, Publisher- Unesco, 1960
10. Museum Studies: Festschrift to Doctor M.L. Nigam, Author- Mohan Lal Nigam, Editor- Alok Tripathi, Publisher- Sharada Publishing House, 20
11. Mohan Lal Nigam, Museum Re-organization, Publisher- available with Bhasha Prakashan, 1969
12. Mohan Lal Nigam, Fundamentals of Museology, Publisher- Navahind Prakashan, 1966

Paper III CMC 103: Collection Management

Course catg. CCC 9 Credits

7 Credits for theory and 2 credits for Practical. Theory-75 & Practical-25 Marks

Unit – I

Ethics of collections, Policies of collection. Aims and methods to collect. Will, bequest loan, exchange, donation, excavations, explorations, field work, funds and special grants for collection. Legal aspect of collecting - The Indian Treasure Trove Act, 1878, The Ancient Monuments and Archaeological Sites and Remains Act, 1958. The Antiquities and Art Treasures Act, 1972. Wild Life Protection Act, 1972.

Unit – II

Exchange of museum materials, Long- short term, permanent etc. Insurance of Museum objects, photographic record of museum collection, Packing, transportation and storage of the museum objects (Large and small objects).

Unit - III

Disposing museum collection - Meaning and purpose of disposal, methods of disposal, terms and conditions of disposal. Procedures for disposal. Storage - planning of collection storage. Visual storage. Security and safety. Storage systems. Specific storage conditions for different types of collections.

Practical – Visiting a museum and make report about its collection.

Reference Books:

1. Dudley D.H. & other: Museum Registration Methods American Association of Museum 1958
2. Stolow, N. Conservation and exhibitions: packing, transport, storage and environmental considerations. London: Butterworths, 1987
3. On the Measures Required for the Efficient Working of the India Museum and Library: With Suggestions for the Foundation, in Connection with Them, of an Indian Institute for Enquiry, Lecture, and Teaching, Author- John Forbes Watson, Publisher- G.E. Eyre and W. Spottis woode, 1874
4. Collections Management, Leicester Readers in Museum Studies, Editor- Anne Fahy, Publisher- Taylor & Francis, 1994
5. Collections Management, Leicester Readers in Museum Studies, Editor- Anne Fahy, Publisher- Routledge, 2005
6. The Ethics of Collecting Cultural Property: Whose Culture? Whose Property?, Editor- Phyllis Mauch Messenger, Edition- illustrated, Publisher- UNM Press, 1999
7. Museum Ethics: Theory and Practice, Heritage: Care-Preservation-Management, Editor- Gary Edson, Publisher- Routledge, 2005
8. Collections Management in the National Museums and Galleries of Northern Ireland, House of Commons papers, Publisher- The Stationery Office, 2006
9. Planning and Design of Museum Collection Storage Facilities, Author- Joanne C. Horgan, Publisher- E. Verner Johnson and Associates, 1990

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10. Museum collection storage, Published in 1979 by the United Nations Educational, Scientific and Cultural Organization, (Available on UNESCO's website)
11. Museum International, No 188 (Vol. XLVII, n° 4, 1995), Storage- (Available on UNESCO's website)

Paper IV CMC 104: Documentation and Research **Course catg. CCC** **9 Credits**
 7 Credits for theory and 2 credits for Practical. Theory-75 & Practical-25 Marks.

Unit – I

Meaning and purpose of documentation; Documentation policy; Numbering system, Type of numbering system; bipartite, tripartite and classified numbering system, Different type of documentation: temporary documentation, Item documentation and Control documentation. Temporary registration, Accession register, Catalogue card, Index card, Gallery cards and Registers etc.

Unit – II

Computerization and Digitization. Aim and objectives of digital documentation. Introduction to major software used for documentation in major museums in India: Documentation software introduced from Ministry of Culture, India. Introduction to major Documentation methods, adapted into various museums in India.

Unit – III

Definitions, Principles, Objectives and Scope of research in museum. Research Policy in museums, examples of museum contributions to research, Research methodology. Various kinds of museum publication based on research and for interpretation, terminology for describing museum objects. Organization and maintenance of a reference library principles of Library Science.

Practical;- Prepared catalogue cards and Permanent accession object provided by concern guide in lab, (A practical approach to documentation and related obstacles)

Reference Books:

1. Dudley D.H. & other: Museum Registration Methods, American Association of Museum 1958
2. Stolow, N. Conservation and Exhibitions; packing, transport, storage and environmental considerations. London: Butterworths, 1987
3. Roychaudhary, D. & other: Sangrahalaya Vigyan (Hindi) New Delhi 1965
4. UNESCO, Manual of Traveling exhibition, Paris 1953
5. Fahi, Anne, Collection management, Routledge, London 1995
6. Pondurai, R., The role of University Museum in research, Journal of Indian Museum, 41 (1985)
7. Pal, Marshal, The Museum and Community 1932
8. Adsan, Gray, Museum Ethics, Rotlez, 1977
9. How to Write Assignments, Research Papers, Dissertations and Theses, Author- V. H. Bedekar, Publisher- Kanak, 1982
10. V. H. Bedekar, So You Want Good Museum Exhibitions, Publisher- Department of Museology, Faculty of Fine Arts, University of Baroda: copies can be had from University Publications Sales Unit, University of Baroda Press, 1978
11. Museums Association of India, Documentation in museums: proceedings of the 1973 All India Museums Conference, held at Mysore, September 19-23, 1973, Editor - Om Prakash Agrawal, Publisher- Museums Association of India, 1974, Original from- the University of Virginia



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12. Robert G. Chenhall, Museum Collections and Today's Computers, David Vance, Edition- illustrated, Publisher- Greenwood Press, 1988, Original from- the University of Michigan

Semester - II

Paper V CMC 201 : Museum Education

Course catg. CCC 9 Credits

7 Credits for theory and 2 credits for Practical. Theory-75 & Practical-25 Marks.

Unit - I

General theories and principals of museum communication. Museum Concept of education, learning, interpretation, continuing education, Adult education. Museum as a public facility. Educational, Scientific and Cultural responsibilities of museum. Knowledge of the community and museum audience; Principles of educational psychology. Museum tours for the organized groups of visitors, classes for adults. Visitors response studies, Training for educational staff.

Unit - II

Special programs for youth and adults. Purpose and standard of educational Programme. Co-operation with the educational institutions such as schools, universities and allied institutions. School loan services and its procedures. Special sections and activities for children, Facilities for school children and teachers in the museum. Curriculum oriented museum programmes.

Unit - III

Teachers training programs in a museum; follow - up services, Museum corners in schools, Outreach programs - school loan service, mobile museum, radio, T. V. etc. Creative workshop, seminar and conferences : objectives, themes, demonstration; modern equipments for educational work. Introduction of New technology in Museum Education.

Practical (2 credits)

Practical-

Propose a cultural event to museum, (Practical approach to museum site, analysis of museum management and available resource)

Or

Reorganizing a gallery with interpretative approach (practical approach towards museum visitor, education and interpretation)

Or

Propose interactive activities for school children. (Class will be divided into two or three groups. Each group suppose to prepare a activity)

Reference Books:

1. Biswas, T.K.: Museum & Education, New Age International (P) Lt. 1996
2. Ghosh, D.P. : Studies in Museums and Museology in India, Publisher- Indian Publications, 1968
3. Bedekar V.H.: So you want Good exhibition, Publisher- Department of Museology, Faculty of Fine Arts, University of Baroda: copies can be had from University Publications Sales Unit, University of Baroda Press, 1978
4. Adam Thomos R.: Civic value of Museum, American for Adult Education, 1937
5. Jain Sunjay; Museum and Museology - Baroda
6. Nigam, M.L., Fundamentals of Museology (2nd ed.) Deva Publication, Hyderabad-1985.


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7. Agarwal, O.P., Documentation in Museum, Museum Association of India 1973
8. Narang, Sunil – Museum Education and Formal Education “Journal of India Museum Part 42 (1986).
9. Museum Registration Methods, Editors- Rebecca A. Buck, Jean Allman Gilmore, Edition- 5, Publisher- AAM Press, American Association of Museums, 2010

Paper VI CMC 202: Survey of Indian Art Course catg. CCC
Total Marks: 100

9 Credits

Unit – I

Introduction to Prehistoric art. Indus Culture: Art, Town Planning, Terracottas; The Buddhist Architecture : stupa, vihar, pillar with special reference to Bharhut, Sanchi. General Survey of the Shunga : Kushana : Gandhara and Mathura Art.

Unit – II

Temple architecture, Different styles : Nagar, Besar, Dravida with examples of Gupta Temple, Dilwara Temples & Ossian, Chalukya, Pallava & Chola Temple architecture. Stone Sculpture : Mathura, Sarnath, Vidisa; Metal figures.

Unit – III

Pre historic painted Rock Art. Indian Painting Tradition: Ajanta, Ellora, Elephanta, Jain, Mughal, Rajasthani and Kangra School of Paintings.

Reference Books:-

1. Agarwal V.S.- Indian Art, Vishwavidalaya Prakashan (1 April 2004)
2. Chandra, Pramod - Sculptures of India, Harvard University Press (21 Dec 1999) (2a) Icons on Bronze: An Introduction to Indian metal Images by Dayaram Thapar, Asia Publishing House 1961.
3. Sharma, R.C. - Buddhist art of Mathura, Agam Kala Prakashan (1984)
4. Agarwal, V.S. - Gupta Art, Lucknow 1947
5. Shivrammurti, C. - Indian Sculpture, Publisher- Allied Publishers, 1961
6. Kramrisch Stella - Indian Sculpture, Publisher- Motilal Banarsidass, (1 Mar 2013)
7. A.K. Coomarswamy : An Introduction to Indian and Indonesion Art, Publisher: Munshiram Manoharlal Publishers (14 Dec 1999)
8. An Album Of Indian Sculpture, Author- C. Sivaramamurti, Publisher- National Book Trust, India, 1975, Original from- the University of Michigan
9. History of Indian and Indonesian Art 1927, Author- Ananda Kentish Coomaraswamy, edition-reprint, Publisher- Kessinger Publishing, 2003
10. Indian Architecture (Buddhist and Hindu Period), Author- Percy Brown, Publisher- Read Books Design, 2010.
11. Temples of India, 2 Vols. By Krishna Deva, Aryan Books International 1995.
12. Album of Indian Painting by Mulkraj Anand, Publisher: Auromere (Jun 1979)
13. Album of Indian paintings by MulkRaj Anand, Publisher- National Book Trust, India; [sole distributors: Thomson Press (India), Delhi, 1973
14. Jamila Brij Bhushan : A World of Indian Miniatures, Publisher: Kodansha International (Dec 1990)
15. The Panorama of Jaipur Paintings (Contours of Indian Art & Architecture I) by Rita Pratap, Publisher: DK Print World (31 Dec 1996)
16. Indian Art by Moti Chandra, Publisher: Prince of Wales Museum of Western India; 3rd edition (1974)



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17. रीता प्रताप : भारतीय चित्रकला और मूर्तिकला का इतिहास
18. Jonathan M. Kenoyer Oxford, Ancient Cities of the Indus Valley Civilization 1998
19. Yashodhar Mathpal: Abhinav, Historic Paintings of Bhimbetaka Publication 1984.

Paper VII CMC 203: Conservation: Curative Conservation Course catg. CCC (9 Credits)

Total Marks: 100

7Credits for theory and 2 credits for Practical. Theory-75 & Practical-25 Marks.

Unit - I

Professional conservation versus curatorial conservation. Conservation as a profession. Professional organization such as NRLC, Iccrom, CCI, IIC, Intach, Getty, etc. Conservation facilities in India. Documentation in Conservation and its significance and methods.

Unit - II

House-keeping in and around museum building: meaning and significance of housekeeping; principles of housekeeping; correct methods of cleaning; visual scanning of various areas for hygienic conditions, microbial growth, insect activities, physical and chemical changes in objects/specimen. Cleaning schedules; supervising the housekeeping staff. safe and eco friendly methods of waste disposal.

Handling of museum collections: Significance of proper handling of objects; general rules of handling museum collections; specific rules of handling small delicate objects; flat and flexible objects; large flat textiles; books and manuscripts; furniture; framed objects; heavy and awkward objects. Packing and transportation of museum objects for various purposes. Traditional methods of conservation and their relevance in present day context.

Unit - III

Causes of deterioration, methods of examinations and diagnosis, and low and high tech methods of curative conservation in respect of inorganic materials -

- i. Metal objects - Gold and its alloys; Silver and its alloys; Copper and its alloys; Iron; Lead, Tin, and Pewter.
- ii. Siliceous Materials : Stone, Pottery, Terracottas, Glass etc.

Practical – Cleaning of Iron and Paper object with preservation techniques

Paper VIII CMC 204: Conservation: Preventive Conservation Course catg. CCC 9 Credits


7 Credits for theory and 2 credits for practical. Theory-75 marks & Practical-25 marks

Total Marks: 100

Unit - I

Professional conservation versus Curatorial conservation. Infrastructure required for setting up a museum conservation laboratory. Staffing and budgetary provisions. Training of conservation staff. Attribute of a conservation professional carrier opportunities in professional conservation. Partnership with outside agencies for conservation efforts.

Unit - II


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Meaning and concept of traditional conservation, Traditional methods of conservation and their relevance in present day context. Traditional conservation versus Professional conservation. Introduction to organic chemistry, study of characteristics of different organic natured objects in museums and their requirements in terms of preservation.

Unit - III

Conservation of organic materials : archival material, textile, wood, leather, bone, ivory, horn/antlers, photographs, etc. Conservation and Restoration on canvass, wood, wall, textile, paper etc. Interpretation of nature & natural history elements through various means : Exhibits & Exhibitions audiovisual & Dioramas.

Practical – 1. Preservation of Natural History specimens.

2. Case study report for different kind of deteriorated objects in museum.

Reference Books:-

1. H.J. Plenderleith, A.E.A. Werner: The conservation of Antiques and works art - treatment repair and restoration, Publisher- Oxford University Press, 1976
2. Gairola, T.R. : Handbook of Chemical conservation of Museum Objects, Published- Department of Museology, Maharaja Sayajirao University of Baroda, 1960
3. Kunh, H. : Conservation and Restoration of works of art and antiquities, Published- Butterworth's, 1986
4. Agarwal, O.P. : Conservation of cultural property in India, Published- Indian Association for the Study of Conservation of Cultural Property., 2005
5. Hari, C.V. – Materials for Conservation, Architectural Press, 1987.
6. Swarnkamal – Protection and Conservation of Museum Collection, Baroda, 1975.
7. Vatsa, M.S. – Conservation, Archaeology in India, New Delhi 1950.
8. Lukas, A. – Antique their restoration and preservation, London – 1932.

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M. A. Final**Semester III**

Paper IX CMC 301: Museum Architecture **CCC** **8 Credits**
6Credits for theory and 2 credits for Practical. Theory 75 Marks & Practical 25 Marks.

Unit – I

Planning and maintenance of Museum Building. Types - adapted buildings, purposely built buildings, single unit buildings, multi unit buildings, multi-storey buildings, etc. Public and Service area, acquaintance with architectural drawings.

Unit – II

Adaptation of old buildings as a museum, Problems and Prospects; Storage for reserve collection - aim and Techniques. Architecture in relation to lighting and ventilation. The building process-planning, construction and maintenance. Curatorial role in construction activity.

Unit – III

Security in terms of building. Technical requirements in terms of security, conservation, safety, disasters and calamities. Renovation & Expansion of museum buildings. Museum Climatology, Lighting in relation to museum architecture and exhibition.

Practical (2 credits): Report on Museum architecture (discussion in museum with curator or concern staff regarding museum architecture special reference of collection and visitor movements.

Reference Books :

1. Nigam M.L. : Fundamentals of Museology, Publication- Navahind Prakashan, 1966
2. Agarwal O.P. : Security in Museums, Publication- Museums Association of India, 1979
3. Biswas, T.K.: Museum & Education, New Age International (P) Lt. 1996
4. Studies in Museum and Museology in India, Author- Deva Prasad Ghosh, Publisher- Indian Publications, 1968
5. Agarwal O. P. Museum Architecture, Museum Association of India 1971.
6. Nelson, J. - Display, New York 1953.
7. Narth, F. J. - Museum label, Handbook for Museum for Curators, Museum Association Landon 1957.
8. The Museum Environment, Butterworth-Heinemann series in conservation and museology, Author- Garry Thomson, Edition- illustrated, reprint, Publisher- Butterworths, 1986
9. So You Want Good Museum Exhibitions, Author- V. H. Bedekar, Publisher- Department of Museology, Faculty of Fine Arts, University of Baroda: copies can be had from University Publications Sales Unit, University of Baroda Press, 1978
10. Journal of Indian Museums, Volume 37, Publication- Museums Association of India., 1981

With copy

Paper X CMC 302: Museum Exhibition CCC 8 Credits
6 Credits for theory and 2 credits for Practical. Theory 75 Marks & Practical 25 Marks.

Unit-I

General theories of exhibitions - visual elements of display, types of museum exhibitions, objectives of exhibition. Planning and Programming of exhibitions, Labeling and Audio Visual Aids. Kinds of exhibition furniture and accessories; Exhibition evaluation – need & methodology.

Unit - II

Designing of exhibits - Anatomy of exhibition, Concepts of design, Elements of design - colour, texture, layout, light, balance, rhythm, emphasis, unity, simplicity, proportions, etc. and principles for their effective use. Purposes and types of showcases; vertical cases, horizontal cases, pedestal cases, sloping cases, built-in case, dioramas, alcove cases etc. Factors governing design of showcases. Internal lightening in showcase, reflections, security and locking, dustproof display, open display, stand, plate form, pedestal, panels, screen etc.
Different type of exhibition : Permanent, Public exhibition, Study collection exhibitions, Temporary exhibitions, Extra-mural exhibition, Ecological exhibition, Systematic exhibition, Thematic exhibition, Geographic exhibition, Chronological and Historical presentations etc.

Unit - III

Exhibition text - purpose, format and language. Methods of assessing readability and comprehensibility. Typography. Exhibition lighting - types of light, principal ranges of lamps for exhibition purposes and their characteristic features, fiber optics, track

Practical – Re-plan exhibition, Practical approach towards display techniques and methods.

Reference Books:

1. Nigam, M.L., Fundamentals of Museology (2nd ed.) Deva Publication, Hyderabad-1985.
2. Security in Museums: Proceedings in Honour of the Silver Jubilee Celebration of the Salarjung Museum, Hyderabad, Author- O. P. Agrawal, Publisher- Museum Assoc. of India, 1979
3. Thompson G. : Museum Lightings
4. Biswas, T.K.: Museum & Education, New Age International Ptd. 1996
5. Ghosh, D.P. : Studies in Museums and Museology in India, Publications: Indian publication 1986
6. Agarwal O. P. Museum Architecture, Museum Association of India 1971.
7. Nelson, Jourge – Display, New York 1953.
8. Narth, F. J. – Museum label, Handbook for Museum for Curators, Museum Association Landon 1957.
9. Museum and Art gallery lighting: a Recommended Practices Series, Author- Illuminating Engineering Society of North America, Edition- illustrated, Publisher- IESNA, 1996
10. Manual of Museum Planning: Sustainable Space, Facilities, and Operations, Editors- Barry Lord, Gail Dexter Lord, Lindsay Martin, Publisher- Rowman Altamira, 2012
11. So You Want Good Museum Exhibitions, Author- V. H. Bedekar, Publisher- Department of Museology, Faculty of Fine Arts, University of Baroda: copies can be had from University Publications Sales Unit, University of Baroda Press, 1978

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Paper XI CMC 303: Preservation of Architectural Heritage CCC 8 Credits
6 Credits for theory and 2 credits for Practical. Theory 75 Marks & Practical 25 Marks

Unit- I

Architectural heritage: meaning, definition and classification. Need to preserving architectural heritage. History of architectural conservation. Present scenario in terms of their state of preservation. Initiatives take by the Govt. Agencies involved in conservation of architectural heritage. Public awareness program for preservation of built heritage.

Unit-II

Approaches to architectural conservation: Prevention, Rehabilitation, Restoration and Reconstruction. Introduction to building materials used in ancient, medieval and present times. Need for hiring a conservation architect for a conserving a historic building.

Unit III

Common architectural conservation/preservation problems. Causes of deterioration. Control measure for damaging factors- climate, atmospheric and biological. Preventive measures and maintenance programs

General remedial measures. Repair and strengthening of structures. Documentation of preservation and conservation efforts. Ethics of architectural conservation.

Practical – Visit a site and record the state of preservation.

Reference Books:

1. Agarwal, O.P. : Conservation of cultural property in India, Published- Indian Association for the Study of Conservation of Cultural Property., 2005
2. Hari, C.V. – Materials for Conservation, Architectural Press, 1987.
3. Swarnkamal – Protection and Conservation of Museum Collection, Baroda, 1975.
4. Vatsa, M.S. – Conservation, Archaeology in India, New Delhi 1950.
5. Lukas, A. – Antique and their restoration and preservation, Landon – 1932.
6. Conservation of Cultural Heritage: Key Principles and Approaches, Author- Hanna Szczepanowska, Edition- illustrated, Publisher- Routledge, 2013
7. Plant Biology for Cultural Heritage: Biodeterioration and Conservation, Editors- Giulia Caneva, Maria Pia Nugari, M. P. Nugari, O. Salvadori, Contributor- Getty Conservation Institute, Edition- illustrated, Publisher- Getty Publications, 2008
8. Conservation of Cultural Heritage: Essays in Honour of Shri A.S. Bisht, Authors- Anand Singh Bisht, Kamal K. Jain, Publisher- Agam Kala Prakashan, 2009.

Paper XII CMC 304: Elements of Archaeology, Epigraphy & Numismatics 8 Credits
Total Theory marks: 100

Unit – I

Definition, Aims and Scope of Archaeology, Relation between Archaeology and museums / Museology. Basic theories and method of archaeology, Dating and Chronology in Archaeology. Typology, Technique; Raw material - Stone age tools, Potteries and miscellaneous objects.

Unit – II

Unit 1 up to 14

Definition, Aims and Scope of Epigraphy, Relation between Epigraphy and Museums / Museology. Preparation and Preservation of Records, Types of Records, Material used for writing or engraving, Acquaintance with basic forms of ancient scripts.

Unit – III

Definition, Aim and scope of Numismatics, Relation between Numismatics and Museum/Museology. Finds of Coins - Hoards, Stray Finds, Finds from Excavation. Technology, Weight Standard, Metals and Metrology and Classification of coins.

Reference Books:

1. D.P. Chakraborty, History of Indian Archaeology, from the beginning to 1947, Munshi Ram Manoharlal, Delhi 1988.
2. Webster G. Practical Archaeology : An Introduction to Archaeological Excavation, London, 1974.
3. Sankalia H.D., New Archaeology, Its Scope and Application to India, Lucknow, 1977.
4. Plenderlieth, H.J. Conservation of Antiquities and Works of Arts, London 1957.
5. Atkinson, R.J.C. Field Archaeology, London, 1952.
6. Crongn JM, The Elements of Archaeological Conservation, New York, 1990.
7. H.D. Sankalia, Stone Age tools, Their Techniques, Names and Probable functions.
8. R.C. Gaur ed., Painted Grey Ware.
9. B.P. Sinha ed., Potteries in Ancient India.
10. I. Holdder, Theories of Archaeology.
11. Baquir Mohammad - Islamic Pottery - Marg Vol. XIV No. III, June 1961.
12. Diringer, P., The Writing
13. Narain A.K. and T.P. Verma, Prachin Bharatiya Lipisastra and Abhilekhiki, Varanasi, 1965.
14. Pandey, R.B., Indian Palaeography, Varanasi, 1969.
15. Ojha, G.H., Bharatiya Prachin Lipimala (Hindi), New Delhi, (reprint), 1971.
16. Sircar, D.C., Indian Epigraphy, Varanasi, 1965.
17. Chakraborty, S.K., A Study of Ancient Indian Numismatics, Calcutta, 1973.
18. Kosambi, D.D., Indian Numismatics, Delhi, Orient Longman, 1981.
19. Gupta, B.L., Pracheen Bhartiya Mudrayen, Varanasi.
20. Mukherjee B.N. Technology of Indian Coinage, Calcutta, 1988.
21. Gopal, L. The right of minting coins in Ancient India, Jou. of Numismatics Society of India, Vol. XXII.
22. Chakraborty, S.K., Indian Numismatics From the Earliest Times to the Rise of the Imperial Guptas, Bhartiya Kala Prakashan, Delhi.
23. Mani, C. ed., A Macro Study of Early Indian Coins, Bhartiya Kala Prakashan, Delhi.

Paper XIII CMC 321 Tour Report & Viva-Voce Examination

Total Marks : 100

Course Catg. PRJ 8 Credits

With up to date

Semester IV

Paper XIV CMC 401: Anthropology & Heritage

8 Credits

Total Theory marks: 100

Unit – I

Definition, Aims and Scope of Anthropology, Relation between Anthropology and museums / Museology. Study of Ecology & Environment, Sources - stories, myth & Folk.

Unit – II

Introduction to Anthropology and relation with Archaeology, Cultural anthropology, Linguistic anthropology, Biological anthropology in reference to collection in Museums of India.

Unit – III

Tangible and Intangible heritage - art and craft of Rajasthan, folk culture of various ethnic groups of Rajasthan. Research and documentation of the different Industrial art of Rajasthan : Fabric. Textiles, wood work, paper work, Gems & Jewellery work etc.

Reference Books:

1. Cultural Heritage of Indian Tribes, Author- Prakash Chandra Mehta, Contributor- Sonu Mehta, Publisher-Discovery Publishing House, 2007
2. Oral Tradition as History, Author- Jan Vansina, Edition- illustrated, reprint, Publisher- James Currey Publishers, 1985
3. Management of Tribal Development: A Case Study of Rajasthan, Author- Ranveer Singh Lamba, Publisher- Panchsheel Prakashan, 1994
4. Tribe: The Bulletin of the Tribal Research Institute, Udaipur, Volume 8 of Tribe, Tribe, Contributor- Tribal Research Institute (Rajasthan, India), Publisher- Tribal Research Institute., 1971
5. Changing face of Bhils, Author - Prakash Chandra Mehta, Publisher- Shiva Publishers Distributors, 1998
6. Tribal Culture, Continuity, and Change: A Study of Bhils in Rajasthan, Author- Anita Srivastava Majhi, Edition- illustrated, Publisher- Mittal Publications, 2010
7. Tribal Rajasthan: Sunshine on the Aravali, Authors- Shambhu Lal Doshi, Narendra N. Vyas, Publisher- Himanshu Publications, 1992
8. Visual Anthropology in India and Its Development, Author- Keshari N. Sahay, Publisher- Gyan Books, 1993.
9. नीरज जयसिंह एवं वर्मा भगवती लाल, राजस्थान की सांस्कृतिक परम्परा, राजस्थान साहित्य अकादमी, जयपुर।
10. माथुर, कमलेश, हस्तशिल्प कला विविध आयाम, जयपुर।
11. चुडावत लक्ष्मी कुमारी एवम् स्वर्णकार रमेश चन्द्र, राजस्थान के रिति रिवाज, जयपुर।
12. आहूजा, डी. आर., राजस्थान लोक संस्कृति और साहित्य, नेशनल बुक ट्रस्ट, दिल्ली, 2002
13. राम पाण्डेय सम्पादित, राजस्थान की लोककला, शोधक, जयपुर, 2010.
14. A Prakash, Rajasthan Folk Art, Delhi.

Paper XV CMC 402: Monuments of Rajasthan: General Survey CCC
Theory Marks: 100

8 Credits

Unit – I

With up-to-date



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Forts and Fortified towns : Jaisalmer, Chittor, Ranthanbor, Kumbhalagarh, Jaigarh. Palaces: Mehrangarh, Deega. Religions Monuments Temples: Ossian, Dilwara, Kiradu, Ranakpur . Yupa stambha & Devalis

Unit - II

Cenotaphs - Cenotaphs of Digambar Jain Saints at Ajmer, Moosi Rani ki Chhatari at Alwar, Cenotaphs of rulers of Udaipur, Bikaner, Jodhpur, Alwar, Jaipur, Kota, Jaisalmer. Havellis – Havellis of Shekhawatis, Jaisalmer.

Unit – III

Mughal Architecture with special reference to tombs of Abdulla khan and his wife at Ajmer, Mughal gate of Bairat. Waterwells and Stepwells of Rajasthan: Wells of Jhunjhunu and Chand Baori of Abhaneri and Raniji ki Baori, Bundi. Dam architecture : Rajsamand.

Reference Books:

1. Protected Monuments of Rajasthan, Chandramani Singh ed., Protected Monuments of Rajasthan.
2. Chandramani Singh, Art Treasure of Rajasthan, Vol. I, Jawahar Kala Kendra & Pub. Secheme, Jaipur.
3. Jain, K.C., Ancient Cities and Towns of Rajasthan, Delhi 1972.
4. Misra, R.L., Forts of Rajasthan.
5. Misra, R.L., Sagas of Forts and Fortification of Rajasthan.
6. Misra, R.L., Cenotaphs of Rajasthan
7. Upadhyaya, Vibha. Yupa Inscription : A Review, Revealing India's Past, Recent Trends in art and Archaeology, Prof. Ajay Mishra Shastri Commemoration Volume, New Delhi 2003.
8. Agarawal, R.C., Rajasthan ke Yupa Stambha tatha Vedic Yajna, Nagiri Pracharini Patrika, Kashi, Samvat 2011.
9. Jain, Shikha, Havellies, A Living Tradition of Rajasthan, Subhi Publication, Gurgaon.
10. Sarda, Harbilas: Ajmer.
11. Mishra, R.L. Mortuary Architecture of Rajasthan.
12. मनोहर राघवेन्द्र सिंह, राजस्थान के प्रमुख दुर्ग, राजस्थान ग्रंथ अकादमी, जयपुर
13. सिंह वाई. डी., राजस्थान के कुएँ एवं बावड़ियाँ

Paper XVI CMC 403: Museum Publication

8 Credits

6Credits for theory and 2 credits for Practical. Theory 75 Marks & Practical 25 Marks.

Unit -I

Historical development of Museum Publication, Definition of museum Publication, Publication as a museum function and its significance, Range and type of Museum publications.

Unit-II

Research Publication : Guided handbook, Promotional leaflet, Article, Information sheet, Catalogue, Brochures, Posters, Picture post cards, etc.

New media- Videos, CD, DVD, webpage, newsletter, e-cards.

Copy write act related to Museum publication.

Unit-III

With upadhyaya


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Production and Publication Methodology : Text for publishing-Research, Writing, Proof reading, Typescript, Picture research and selection. Type of paper (size and weight in reference of different type of publication). Methods of printing and binding- Screen printing, in house printing (Desktop printing). Acquisition of Publications

Practical;-

To Propose brochures or pamphlets for any existing museum of Jaipur

Reference Books:

1. Timothy Samara, Publication Design: A Real-World Design Guide, Edition- illustrated, reprint, Publisher- Rockport Publishers, 2007
2. Museum Publication, Volumes 90-115, Contributor- Manchester Museum (University of Manchester), Publisher- Manchester Museum, The University of Manchester., 192

Paper XVII CMC 404 : Museum Photography and techniques **8 Credits**
6Credits for theory and 2 credits for Practical. Theory 75 Marks & Practical 25 Marks.

Unit - I

Ancillary museum techniques: Importance of photography in Museums. Basis principles of photography. Importance of light and its control. Types of cameras - SLR, Digital, Digital SLR Camera. Types of lenses, films, filters and other accessories.

Unit - II

Procedures of museum photography. Practical exercise of taking photographs of different types of museum objects, and photo-documenting conservation process. Copying and scanning of photographic and archival collections. Photography of museum objects, moulding and casting, and taxidermy-preparation of cabinet specimen.

Unit - III

Preservation issues and guidelines for safe handling and positioning of objects for photography, and protection from effects of UV, intense light, heat buildup due to IR and cycles of heating and cooling. Introduction to printing. Types of prints. Editing (managing colour, brightness and contrast, all over image light, and cropping and sizing) of digital images for documentation, presentation and publication using Photoshop and CorelDraw.

Practical – Submission of 10 photographs on given subject by guide; size-6x8 inches,

Reference Books:

1. Photography in Archaeology and Conservation, Cambridge Manuals in Archaeology, Author- Peter G. Dorrell, Edition- illustrated, revised, Publisher- Cambridge University Press, 1994
2. Career Opportunities in Photography, Career Opportunities Series, Authors- George Gilbert, Pamela Fehl, Publisher- Infobase Publishing, 2006
3. Photography: The Key Concepts, Author- David Bate, Edition- illustrated, Braille, Publisher- Berg, 2009

Paper XVIII CMC 421: Dissertation & Viva-voce

Course catg. PRJ

8 Credits

Total marks: 100