UNIVERSITY OF RAJASTHAN
JAIPUR

SYLLABUS

M.A Museology & Conservation

Semester Scheme

I/II Semester Examination 2016-2017
III/IV Semester Examination 2017-2018

Dy. Registrar
(Admin Dept)
University of Rajasthan
M. A. Ist Semester syllabus w.e.f 2016
Scheme of Examination

Papers:- CMC 101CC, 102CC, 103CC, A01ECC, A02ECC, A03ECC, A04ECC, A05ECC,
Theory papers

Time : 3 Hours  Max. Marks : 70  Credits : 06
Part - I
खण्ड - 1
Marks : 20

This part contains 10 compulsory questions of 2 marks each from commonly distributed in each unit. Answer should be in 40 words.
इस खण्ड में 10 अनिवार्य प्रश्न 2 अंकों वाले हैं, जिसका चयन सभी खण्डों में से समान रूप से किया गया है और लगभग 40 शब्दों में जिसका उत्तर देना है।
Part - II
खण्ड - 2
Marks : 20

This part contains 6 questions, 5 questions to be attempted and answer in approximately 100-150 words. All questions carry equal marks. Each question carries 04 marks.
इस खण्ड में 6 प्रश्न होंगे। 5 प्रश्नों के उत्तर देने होंगे। प्रत्येक प्रश्न का उत्तर 100-150 शब्दों में हो। सभी प्रश्नों के अंक समान हैं। प्रत्येक प्रश्न 04 अंको का है।
Part - III
खण्ड-3
Marks : 30

This part contains 6 questions of 10 marks each (2 questions from each unit). 3 descriptive questions to be attempted in 250 words approximately from each unit. All questions carry equal marks.
इस खण्ड में 10 अंकों वाले 6 वर्णनात्मक प्रश्न होंगे। प्रत्येक इकाई में से 2 प्रश्नों का चयन किया गया है। लगभग 250 शब्दों में 03 प्रश्नों के उत्तर प्रत्येक इकाई से 01 प्रश्न का चयन कर देने होंगे। सभी प्रश्नों के अंक समान हैं।

Practical Papers  Max. Marks : 30  Credits: 2

Papers:- CMC 101CC, 102CC, 103CC, A01ECC, A02ECC, A03ECC, A04ECC, A05ECC,
The Practical examination will be conducted by the Centre on its own level.

नोट:- प्रायोगिक परीक्षा सेंटर के स्तर पर आयोजित की जायेगी।

Dy. Registrar
(Academic)
University of Rajasthan
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<td>101 CC</td>
<td>Introduction to Museum and Museology</td>
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<td>M/CMC</td>
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<td>Computer Application in Museum</td>
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<td>Theory (including Tutorials/Assignments/Seminar/Attendance</td>
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<td>101 CC</td>
<td>Introduction to Museum and Museology</td>
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<td>102 CC</td>
<td>Museum Management</td>
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Syllabus : M.A. Museology & Conservation
2016-17.

Semester I

Paper 1 M/CMC 101CC: Introduction to Museum & Museology Course catg. CCC
6 Credits
4 Credits for theory and 2 credits for Practical.
Theory-70 & Practical-30 Marks.
Total 100 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 of National level Museums in India and select
museum in foreign countries such as Louvre Museum, Paris; British Museum, London;
Victoria and Albert Museum, London; State Hermitage, Russia; Smithsonian Museum,
Washington; The Acropolis Museum, Athens; Canadian Museum of History.

Unit - II
Museology and Museography - origin and meanings. Concepts of Eco-museum and New
Museology. Specialized Museums : Children museum, Personalia museum, Eco
museum, Virtual museum, Site museums 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 or select any existing museum or
community which can be developed 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, Department of Museology, M.S.
   University of Baroda, 1968.
2. V.P. Dwivedi, edited, Museums and Museology : New horizons.
3. Vasant Hari Bedekar, New Museology for India, National Museum Institute
   of History of Art, Conservation, and Museology, 1995
4. संजय जैन, म्यूजियम एवं म्यूजियोलॉजी — एक परिचय, कानिका प्रकाशन, 1999
5. Paul Greenhalgh, The New Museology
6. Vickey Peterson, The Treasure of the Natural History Museum

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Paper II M/CMC 102 CC : Museum Management Course

Credits
4 Credits for theory and 2 credits for Practical. Theory-70 & Practical-30 Marks. Total 100 Marks

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 Professional 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


Practical (2 credits) Museum Management. – Case study of any museum and suggest administrative structure and funding policies for the same.

Reference Books:-
1. Studies in Museology, Volume 36, 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
4. S. F. Markham and H. Hargreaves: Museums of India, London 1936
7. Bhatnagar, Anupama, Museum, Museology and New Museology, New Delhi 1999

Paper III M/CMC 103 CC: Collection Management

Course catg. CCC 6 Credits
4 Credits for theory and 2 credits for Practical. Theory-70 & Practical-30 Marks. Total 100 Marks

Unit – I
Ethics of collections, Policies of collection. Aims and methods of collection. Will, bequest loan, exchange, donation, excavations, explorations, field work, funds and special grants for collection. Legal aspect of collection - The Indian Treasure Trove Act, 1878. The Ancient Monuments and
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.

Unit - III
Practical - Visit to any museum and make report about its collection management.

Reference Books:
1. Dudley D.H. & other: Museum Registration Methods, American Association of Museum 1958
4. Collection Management, Leicester Readers in Museum Studies, Editor- Anne Fahy, Publisher- Taylor & Francis, 1994

Paper IV CMC A01 ECC: Preservation of Architectural Heritage ECC 6 Credits
4 Credits for theory and 2 credits for Practical. Theory-70 & Practical-30 Marks.
Total 100 Marks

Unit - I

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Unit II

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 and examine and monitoring of deterioration of historic building or make the proposal to clean exterior surface of historic buildings and monuments.

Reference Books:
1. Agarwal, O.P. : Conservation of cultural property in India, Published- Indian Association for the Study of Conservation of Cultural Property, 2005

Paper V : M/CMC A02 ECC: Heritage Management and Tourism course catg. ECC 4 Credits for theory and 2 credits for Practical. Theory-70 & Practical-30 Marks. Total 100 Marks

Unit I

Unit II

Unit III

Practical:
1. To make tourist plan for any heritage.
2. Documentation of Heritage sites of any district in Rajasthan.

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All the practical questions are prepared with the help of computer applications. Suggested readings:

5. Shashi. Tourism in India.


15. R. Chawla. Tourism in India.


22. नगर सरकार, जयपुर. रेजिस्ट्रे की कार्यालय.

Paper VI: M/GMC A03-FCC: Cultural Tourism in Rajasthan. Course Code: FCC

Credits for theory and 2 credits for practical.

Total 100 marks

Unit I
Cultural Tourism: Definition, Concept, Interpretation and types; Origin and Development of Cultural Tourism; New Trends in Cultural Tourism; Product of Cultural Tourism in Rajasthan.

Unit II
Rajasthan: General Introduction, its history and culture: General Survey of Museums of Rajasthan; Folk art, dances, dresses, food, handicrafts and festivals of Rajasthan; Tradition of medieval saints: Folk god and goddesses.

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Unit III

Practical:
1. Make a tourist proposal for any historical site of Rajasthan.
2. Make a proposal for creating an agency for the enhancement of tourism

Note: Proposal should be prepared with help of computer application.

Suggested reading:
5. Bhatia - Tourism in India.
6. Alchevs, E.G. - Cultural Tourism in India, its scope and development.
8. Prabhakar Manohar: Cultural Heritage of Rajasthan
9. Shukla, D.C. : Spiritual Heritage of Rajasthan
10. Singh Chandra Mani: Protected Monuments of Rajasthan
11. व्यास, राजेश कुमार : सांस्कृतिक पर्यटन, राजस्थान साहित्य अकादमी, जयपुर
12. सक्सेना, शालिनी : राजस्थान के लोक तीर्थ, पंचशील प्रकाशन, जयपुर
13. राजस्थान पर्यटन विकास निगम (आर.टी.डी.सी.) द्वारा प्रकाशित पुस्तकें।
14. गढ़बी एम.आर. एवं सुधार अंजु समादित : पर्यटन : दशा एवं दिशा, लिटरेसी संस्थाप, जयपुर।
15. चूड़ावत लक्ष्मी कुमारी : लोक संस्कृति, रूप और दर्शन।
16. सिंह, शिव : राजस्थानी लोकगीत, खण्ड 1 एवं 2।
17. शाखा, मनोहर : राजस्थानी लोक संस्कृति की रूपरेखा।
18. सामर देवी लाल : राजस्थान की लोक कलाएँ।
19. सामर देवी लाल : राजस्थान के लोकोत्सव।
20. गहलोत, एस.एस. : राजस्थान के रीति रिवाज।
21. नीरज जयसिंह एवं भगवती लाल वामी (सं.) - राजस्थान की सांस्कृतिक परम्परा, राजस्थान साहित्य अकादमी, जयपुर।
22. दादीयाँ, राय प्रसाद : राजस्थान सत्ता सम्बन्ध।

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Paper VII/A04/ECC/ Outline of Indian History & Culture.  
Course Catg. ECC  
4 Credits for theory and 2 credits for Practical.  
Theory-70 & Practical-30 Marks.  
Total 100 Marks

Unit 1
Society and culture; History and Anthropology; Stone Age to First Urbanization; Vedic society and early Iron Age - Social stratification; Towards Empire - Maurya, unga, Satavahana, Kushana; Gupta and post-Gupta,

Unit 2
Social pattern in medieval India. Religious movements: Dhakti and Sufi Movements. Cultural Synthesis: Art, Architectures, Sculpture, Paintings, Literature

Unit 3
British Understanding of Indian society. Social reforms. British impact on Indian Culture

Practical: Any one
1. Poster presentation related to all three units.
2. To make clay-models of different communities and their life styles
3. Collective activity: To make plan depicting different themes through play.

Suggestive Readings:
Verma, H.C. Madhya Kalin Bharat 750-1540. [in Hindi] Delhi, 1993
Verma, H.C. Madhya Kalin Bharat 1540-1701. [in Hindi] Delhi, 1993
Bridget and Raymond Allchin, Origin of Civilization 1988
Eugenia, Vanina. Ideals and Society in India from the Sixteenth to the Eighteenth Centuries, Delhi, 1996.
UNIT - 1

- Computer Fundamentals:
  Concept of Hardware, Software & Firmware, Type of Hardware, Type of Software, Data, Instruction & Information, Computer languages and their working.

- Windows Operating System:
  Concept of Operating System (OS), Windows as Desktop OS, About Desktop (My Computer, Recycle Bin, My Documents), Windows utilities (Wallpaper, Colour settings, Notepad, Calculator, Clock, Paint, Games).

- Working with Windows OS:
  Data organization, Concept of Files & Folders, Working with Folders (Create, Delete, Rename, Copy, Move), Working with Files (Create, Delete, Rename, Copy, Move), File type & File association, Use of Windows Explorer in managing Files & Folders.

- Computer in Museum:
  Features of computer useful in museum, Implementation areas of computer in museum – Documentation, Education, Research, Exhibition, Security, Payroll, Accounting and Designing, Limitations of computer, Computer maintenance and up-gradation.

UNIT - 2

- Introduction to Word Processor:
  Concept of Word Processor, Features and Working, Implementation areas and advantages w.r.t museums, MS-Word as word processor.

- Working with MS-Word:
  Working with MS-Word file (Creating, Editing, Formatting, Saving and Printing), Using Spell checker, Templates & Documents, References, Mail Merge.

- Introduction to Spreadsheet:
  Concept of Spreadsheet, Features and Working, Implementation areas and advantages w.r.t museums, MS-Excel as spreadsheet and Difference with MS-Word.

- Working with MS-Excel:
  Working with MS-Excel file (Creating, Editing, Formatting, Saving and Printing), Workbook & Worksheets, Linking worksheets, References, Functions, Sorting & Autofill, Graphs & their types, Views & its significance.

UNIT - 3

- Introduction to Internet, WWW, Web Browser & browsing, Emailing, Searching information on web.

- Internet advertising and marketing. Conferencing on Internet, Teamviewer, VNC software.
• Introduction to Presentation Graphics:
   Concept of Presentation Graphics, Features and Working, Implementation areas and advantages w.r.t museums, MS-Powerpoint as Presentation Graphics software.

• Working with MS-Powerpoint:
   Creating a presentation file, Editing, Formatting, Saving and Printing. Type of Slides and their implementation. Inserting Text, Picture, Media, Graph in slide. Applying theme to slides. Adding animation to slides. How to create a good presentation?

Practical :- All the course content includes practical work therefore it is required to use computer programming for any program in museum.

Reference Books


David Evans, Introduction to Computing, Exploration in Language, Logic and Machines, Uni. of Virginia.


BITTU KUMAR. MICROSOFT OFFICE 2010, Paperback edition


Adesh K. Pandey, Internet Fundamentals, Katson Publications.

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<td>B05 ECC</td>
<td>Project on Gallery of museum</td>
<td>Written</td>
<td>Viva-Voce</td>
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Written: 4  Viva-Voce: 2
M.A. II Semester

M/C MC 201 CC: Documentation and Research
4 Credits for theory and 2 credits for Practical. Credits 6
Theory-70 & Practical-30 Marks. Total Marks 100

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
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 – Internship (two weeks) to Prepare catalogue cards and Permanent accession
register for the objects 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
3. Roychaudhary, D. & other: Sangrahalaaya Vigyan (Hindi), New Delhi, 1965
6. Pondurai, R. The role of University Museum in research. Journal of Indian
   Museum. 41(1985)
7. Pal, Marshal. The Museum and Community, 1932
   Bedeker, Kanak, 1982
10. V.H. Bedeker. 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. Documentation in museums: Proceedings of the 1973 All India Museums Conference, held at Mysore, September 19-23, 1973, Editor-Om Prakash, Publisher: Museums Association of India, 1974, Original from the University of Virginia


M/CMC 202 CC: Conservation: Curative Conservation
4 Credits for theory and 2 Credits for Practical:
Credit: 6
Theory-70 & Practical-30

Unit - I
Professional preservation versus practical conservation. Conservation as a profession. Professional organization such as NRTC, ICRON, CCL, IIC, Intech, Getty, etc. Conservation facilities in India. Documentation in Conservation and its significance and methods.

Unit - II
Housekeeping 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, fragile 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 lay and professional methods of curative conservation in respect of inorganic materials. Metal objects - Gold and its alloys; Silver and its alloys; Copper and its alloys; Iron; Lead, Tin, and Pewter. Siliceous Materials - Stone, Pottery, Terracotta, Glass etc.

Practical - Cleaning of Iron and Paper object with preservation techniques

Reference Books:-
2. Gairola, T.R.: Handbook of Chemical conservation of Museum Objects, Published by Department of Museology, Maharaja Sayajirao University of Baroda, 1960
4. Agarwal, O.P.: Conservation of cultural property in India, Published by Indian Association for the Study of Conservation of Cultural Property, 2005
7. Vatsa, M.S. - Conservation, Archaeology in India, New Delhi 1950.
8. Lukas, A. - Antiquities and their restoration and preservation, an article in the
conservation on movement: A History of architecture and preservation, by M. glen
dinning London - 1932.

M/CMC 203 CC : Conservation: Preventive Conservation
Credits 6
4 Credits for theory and 2 credits for Practical.
Theory-70 & Practical-30 Marks.
Total Marks 100

Unit - I
Professional conservation versus Preventive 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
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,
ivory/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 :- Preservation of Natural History specimens or Case study report for different
kind of deteriorated objects in museum.

Reference Books:-
1. H.J. Pflenderleith, A.E.A. Werner: The conservation of Antiquities 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, Butterworths,
1986
4. Agarwal, O.P.: Conservation of cultural property in India, Published- Indian
Association for the Study of Conservation of Cultural Property., 2005
8. Lukas, A. - Antiquities and their restoration and preservation, an article in the
conservation on movement: A History of architecture and preservation, by M. glen
dinning London - 1932.

Dy. Registrar
Rajasthan
M/CMC B01 ECC: Survey of Indian Architecture
6 Credits for theory

Unit I

Unit II

Unit III
Medieval Indian Architecture: Temples, of Vijaya Nagar, Halebid, Hampi, Chittorgarh, Khajuraho; Indo Islamic architecture: Humayun’s Tomb, Shalimar bagh, Taj Mahal, Fatehpur, Sikri; Modern Indian art and Architecture: 1700AD onwards: Bengal school, Colonial Architecture: General Introduction to Churches and Public buildings

Reference Books:
3. Asher, Catherine. Architecture of Mughal India, Cambridge 1992
7. Agarwal V.S.- Indian Art, Vishwavidalaya Prakashan (I April 2004)
11. Percy Brown; Indian Architecture (Buddhist and Hindu Period); Publisher- Read Books Design. 2010.
13. Moti Chandra; Indian Art; Publisher: Prince of Wales Museum of Western India; 3rd edition (1974)

M/CMC B02 ECC: Indian Sculpture & Iconography.
6 Credits for theory

Unit I
Chronology & Style Stone Sculpture: Proto Historical and Historical Periods: Indus valley (Metal); Yaksh Images (Mauryan, Shunga); Mauryan Capitals; Sculptures of Sunga & Satavahana ( Bharhat, Sanchi, Amaravati); Kushan (Mathura & Gandhara); Gupta (Sarnath & Mathura) (Metal)

Unit II
Stone Sculpture: Early Medieval & Medieval Periods: Chalukya, Pallava, Rashtrakuta, Pratihara, Chandella, Chola(Metal), Hoyasala
Unit III
Iconography: classification & identification: Brahmanical /Iconography (Vishnu, Shiva, Bramha); Buddhist iconography (Dhyani Buddhas and important Bodhisatvas, Tara, Prajnaparamita); Jain iconography (Rishabhanath, Neminath, Parshvanatha and Mahavira)

Reference Books:
1. Chandra, Pranmod: The Sculpture of India 3000 B.C. - 300 A.D.
2. Agrawal, V.S.: Indian Art (Also in Hindi)
7. Williams, Joanna G.: The Art of Gupta India-Empire and Province
8. Kramrish, Stella: Indian Sculpture
9. Sivaramamurti, C.: Indian Sculpture,
10. Sivaramamurti, C.: South Indian Bronzes
12. Lippé, Achwin: Medieval Indian Sculpture
13. Huntington, S.: Pala Sculpture
15. Padmanabh, K.: Hoyasala Sculptures
16. Czuna, S.: Kushan Sculpture: Images from Early India
18. Desai, Kalpana: Iconography of Vishnu
19. Garg, R.S.: Shiva Pratimayen (Hindi)
20. Mishra, Indumati: Pratima Vigyan (Hindi)
22. Bhattacharya, B.C.: Jain Iconography
25. शैल जातियों व मूलिकला का इतिहास

M/C MC B03 ECC Decorative Arts of India
4 Credits for theory and 2 credits for Practical.
Theory-70 & Practical-30 Marks.

Credits 6
Total Marks 100

Unit I
Indian Textile: History on the basis of literary and archaeological data of Indian Textile; General introduction of Malmal, Jamdani (Dacca and Awadh), Kimkhab (Banaras, Gujarat and Kanchi Puram), Balachur, Kashniri shawl, Himru; Fabrics: Tie dyed and printed; Embroidery: Fulkari, Chickan, Zardosi

Unit II
A brief history and types of Indian Jewellery and ornaments. Jewellery hoards from Indus Sites and Taxila; Types of Jewellery as revealed by sculpture; Enamellings (Minakari), Indian Jade, Repousse.

Unit III
Rajasthan Textile: Batik, Tye Dye; Block Printing- Dabu, Bagru, Sanganer; Rajasthan Jewellery: Minakari, Kundan, Thewa, Enameling beads, Silver, Stone (Precious/ Semi Precious), Lac

Practical:- Prepare a practical file on the basis of any Textile/ Jewellery gallery
Reference Books:-

1. Mukherji, T.N. : Art Manufactures of India
2. Badwood, G. : Industrial Arts of India
4. Chaudhary, A.R. : Bidri Ware
5. Nigam, M.L. : Jade Collection in the Salar Jung, The Mughal Jades of India,
6. An age of splendour, Islamic art of India
7. Untracht, O. : Traditional Jewellery of India, 1997
9. सौभिन्दा चन्द्र राय : बैदिक काल में भारतीय आयुष्य

M/CMC B04 ECC: Museum Trends and New Innovations.
4 Credits for theory and 2 credits for Practical. Credits 6
Theory-70 & Practical-30 Marks. Total Marks 100

Objective: This paper has been designed to focus on the concept of New Museology and emerging trends in the field of Museology. This paper also gives an insight to various kind of museums at the National & International level.

UNIT - I
National Museums; State Museums; Regional Museums; University Museums; Site Museums Private Museums

UNIT - II
Art & Archaeological Museums; Anthropological Museums; Ethnological Museums; Natural History Museum; Science Museum

UNIT - III
Eco Museums, Virtual Museums, Children Museum, Wax Museum; Miscellaneous Museums: Underwater, Digital, Personelia, War etc.

Project:- To Make a Proposal to set any one of the Museums mentioned in Syllabus

Reference Books:-
1. Baxis and Divide; Modern Museums Organization and Practice in India
2. Morley Grace, Museum Today
3. Anupama Bhatnagar, Museum, Museology and New Museology
4. Various Journals of the Museum Associations
5. Sanjaya Jain, Museum and Museology

M/CMC B05 ECC: Project on Gallery of Museum
4 Credits for Written and 2 credits for Viva-Voce. Credits 6
Written-70 & Viva-Voce-30 Marks. Total Marks 100

[Signature]
Registrar
University of Rajasthan
JALPUR
<table>
<thead>
<tr>
<th>S. No.</th>
<th>Course</th>
<th>Code</th>
<th>Subject</th>
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<td>301 CC</td>
<td>Museum Exhibition</td>
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<td>Indian Archaeology, I</td>
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<td>M/CMC</td>
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<td>Elements of Epigraphy &amp; Numismatics</td>
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<td>M/CMC</td>
<td>C05 ECC</td>
<td>Cultural Heritage of India</td>
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</table>
M/CMC 301 CC: Museum Exhibition
4 Credits for theory and 2 credits for Practical.
Theory-70 & Practical-30 Marks.

Credits 6
Total Marks 100

Unit-I

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:

3. Thompson G.: Museum Lightings
5. Ghosh, D.P.: Studies in Museums and Museology in India, Publications: Indian publication 1986
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
M/CMC 302 CC: Museum Architecture
4 Credits for theory and 2 credits for Practical. Theory-70 & Practical-30 Marks.

Credits 6
Total Marks 100

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

Unit - III

Practical :- Report on Museum architecture (discussion in museum with curator or concern staff regarding museum architecture special reference to visitor's movements)

Reference Books:

4. Studies in Museum and Museology in India, Author- Deva Prasad Ghosh, Publisher- Indian Publications, 1968
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

M/CMC 303 CC: Preservation of Architectural Heritage
4 Credits for theory and 2 credits for Practical. Theory-70 & Practical-30 Marks.

Credits 6
Total Marks 100

Unit - I
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

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
4. Vatsa, M.S. - Conservation, Archaeology in India, New Delhi 1950.

M/CMC C01 ECC: Tour Report & Viva-Voce Examination
4 Credits for Written Report and 2 credits for Viva-Voce. Written Report-70 Marks & Viva-Voce -30 Marks. Credits 6 Total Marks 100

M/CMC C02 ECC: Museums of India
4 Credits for theory and 2 credits for Practical. Theory-70 & Practical-30 Marks. Credits 6 Total Marks 100

This paper covers the notable existing museums in India and in the state of Rajasthan. Syllabus also gives the Knowledge of the different new dimensions of Museums in India

Unit I
Prominent Museum of India: National Museum, New Delhi, Chhatrapati Shivaji Maharaj Vastu Sangrahalya (formerly Price of Wales museum), Bhau Daji Lad Museum, Mumbai; Salar Jung Museum, Hyderabad; Allahabad Museum, Allahabad; Indian Museum, Kolkata; Victoria Memorial, Kolkata

Unit II
Unit III

Museum of Rajasthan: City Palace Museum, Jaipur; Albert Hall Museum, Jaipur; Archaeological Museum – Amer, Jaipur; Govt. Museum Ajmer, Bharatiya Lok Kala Museum, Udaipur; Govt. Museum, Bharatpur; Alwar Govt. Museum; Jodhpur Mehrangarh Museum; Umaid Bhavan Palace Museum Jodhpur; Arna Jharna, The Desert Museum of Rajasthan, Jodhpur

Practical: To make digital profile of any Museum of Rajasthan

Reference Books:-
9. A Short evaluation of recent Museums and Museology Movements, New Museology of India, Bedekar, NMI, New Delhi.
10.जैन संस्कृति, मूर्तितमा त्वत्म वृत्तियोंलीः एक परिभाष, 2001बढ़ीदा

M/CMC C03 ECC : Indian Archaeology, Part I

4 Credits for theory and 2 credits for Practical. Theory-70 & Practical-30 Marks.

Credits 6
Total Marks 100

Unit I
Meaning and scope of Archaeology-its significance as a source of history. Archaeology in relation with Museum and other sciences- social and natural sciences. History of Indian Archaeology, New Archaeology- concept and its application in Indian context.

Unit II

Unit III
Origin of Man in India. Palaeolithic cultures of India- Lower, Middle and Upper Palaeolithic cultures- distribution, tool types and technology, associated culture. Mesolithic cultures- distribution, tool types and technology, associated culture. Development and expansion of Mesolithic age: Baghor, Rock shelter sites Bhimbetka, Langhnaj.

Practical:- Visit to any archaeological site and make report of the visit
Reference Books:-

5. B.P. Sinha ed., Pottries in Ancient India.
6. I. Holdred, Theories of Archaeology.
7. R.E.M. Wheeler: Archaeology from the Earth, a pelican book, 1974(also Hindi)
   Early India and Pakistan, London, 1966
   Stone Age Tools- Their techniques, names and Probable
   Functions, Deccan College, Poona 1st ed., 1962
   New Archaeology and its Application in India, Lucknow, 1977
    University press, 1982
11. A. Walter, Fairservis (Jr): The Roots of Ancient India, New York, 1971
12. D. P. Agrawal: - The Copper and Bronze Age in India
13. Indian Archaeology: A Review (Relevant portions)
14. Pratapatva (Bulletin of the Indian Archaeology society) (relevant Portions)
15. Pragdhar (relevant Portions)
16. Nayan jot Lahiri - History of Indian Archaeology.
17. पारंपडिय जे. एन. पुरातत्त्व विश्वविद्यालय, अलाहाबाद, 1995
18. बिदुला जयाकार: भारतीय इतिहास के आदि चरण की रूप रेखा(पूर्व-प्रस्तर काल) दिल्ली, 1987
   भारतीय इतिहास का मध्य प्रस्तर काल दिल्ली, 1987
   भारतीय इतिहास का नव प्रस्तर काल युग दिल्ली, 1987

M/CMC C04 ECC: Elements of Epigraphy & Numismatics

6 Credits for theory
Theory-100

Credits 6
Total Marks 100

Unit - I
Definition, Aim and Scope of Epigraphy, Relation between Epigraphy and museums / Museology. Definition, Aim and Scope of Numismatics, Relation between Numismatics and museums / Museology. Origin and antiquity of writing in India; Origin and antiquity of Indian coinage.

Unit - II
Preparation and Preservation of Records, Types of Records, Material used for writing or engraving. Acquaintance with basic forms of ancient Indian scripts (Brahmi and Kharoshthi)

Unit - III

Reference Books:-

1. Diringer, P., The Writing
2. Pandey, R.B., Indian Palaeography, Varanasi, 1969. हिन्दी-- भारतीय पुरातत्त्व
M/CMC C05 ECC: Cultural Heritage of India

6 Credits for theory
Theory-100
Total Marks 10

**Unit I**
Concepts of Cultural Heritage: Social, Culture and Religious heritage; Myths and Legends, Traditions; Literary and Archaeological Sources; Social Traditions: Varna, Jati, Ashrama, Tirtha, Tirtha- Yatras; Samsakara, Position of women.

**Unit II**
Religion and Philosophy: Vedic, Jainism, Buddhism, Islamic, Christianity and tribal belief systems and Religious literature of India.

**Unit III**
Educational and Scientific Developments: in Ancient India: Important Centers of Learning, Sciences; Mathematics, Astronomy and Calendar, Medicine, and metallurgy

**Reference Books:-**

3. Basham, A. L. 1989. The Wonder that was India, Delhi
7. Mandalbaum. Caste in India: Change and Continuity, Bombay
13. Sri Aurobindo: The Foundations of Indian Culture
14. ज्ञानभित्र विद्यालंकार, भारतीय संस्कृति
# Centre for Museology & Conservation
## University of Rajasthan

*M.A. IV Semester: Museology and Conservation Exam June 2018*

## Syllabus

<table>
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<td>History of Ecology and Environment in India</td>
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Semester IV

M/CMC 401 CC: Museum Publication
4 Credits for theory and 2 credits for Practical. Credits 6
Theory-70 & Practical-30 Marks. Total Marks 100

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.
Copy write act related to Museum publication.

Unit-III
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:
   illustrated, reprint, Publisher- Rockport Publishers, 2007
   of Manchester), Publisher- Manchester Museum, The University of Manchester., 192

M/CMC 402 CC: Museum Photography and techniques
4 Credits for theory and 2 credits for Practical. Credits 6
Theory-70 & Practical-30 Marks. Total Marks 100

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 size-6x8 inches
Reference Books:
2. Career Opportunities in Photography, Career Opportunities Series, Authors- George Gilbert, Pamela Fehl, Publisher- Infobase Publishing, 2006

M/CMC 403 CC : Dissertation & Viva-voce
4 Credits for Dissertation and 2 credits for Viva-voce
Written -70 & Viva-voce -30 Marks.

M/CMC D01 ECC : Monuments of Rajasthan: General Survey
6 Credits for theory
Theory-100 Marks.

Unit - I

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, Jaislmer. Havellis - Havellis of Shekhawatis, Jaisalmer.3

Unit - III

Reference Books:
6. Misra, R.L., Cenotaphs of Rajasthan
10. Sarda, Harbilas: Ajmer.
12. स्त्रोतेस्वर राजस्थानिक सिह, राजस्थान के प्रमुख दुर्ग, राजस्थान ग्राम अकादमी, जयपुर
13. सिह वाई डी, राजस्थान के दुर्ग एवं बाबर्डियों
M/C/CMC D02 ECC : Anthropology & Heritage

6 Credits for theory
Theory-100 Marks. 

Credits 6
Total Marks 100

Unit - I
Definition, Aims and Scope of Anthropology, Relation between Anthropology and museums / Museology, with social Science, life sciences and medical sciences Study of Ecology & Environment, Sources - stories, myth & Folk.

Unit - II
Introduction to Anthropology and relation with Archaeology; Branches of Anthropology; Cultural anthropology, Linguistic anthropology, Biological anthropology in reference to collection in Museums of India.

Unit - III
Definition of tribe, classification of Indian Tribes. Tribal Economy & subsistence: Hunting-gathering, Herding Agriculture, Smithy etc. Settlements and shelters Tangible and Intangible heritage - art and craft of Rajasthan, folk culture (dances, literature, dialects) of various ethnic groups of Rajasthan.

Reference Books:
1. Cultural Heritage of Indian Tribes. Author- Prakash Chandra Mehta, Contributor-Sonu Mehta, Publisher-Discovery Publishing House, 2007
3. Ranveer Singh, Management of Tribal Development: A Case Study of Rajasthan 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. Prakash Chandra Mehta, Changing face of Bhils, Publisher- Shiva Publishers Distributors, 1998
7. Shambhu Lal Doshi, Narendra N. Vyas, Tribal Rajasthan: Sunshine on the Aravali, Publisher- Himanshu Publications, 1992
9. A Prakash, Rajasthan Folk Art, Delhi.
15. नीरव, जयसिंह एवं वर्मा, नगरी लाल, राजस्थान का सांस्कृतिक रचनात्मक, राजस्थान साहित्य अकादमी, जयपुर।
16. मापूर, कमलेश, हस्तशिल्प कला विकिर सत्याभ, जयपुर।
17. तुलादास लक्ष्मी नगरिक एवम् स्वरूपक रथवृत्त रमण, राजस्थान के रिटिव रितियाँ, जयपुर।
18. आंबेला, डॉ. अरविन्द, राजस्थान लोक संस्कृति और साहित्य, नेवारल बुक ट्रस्ट, दिल्ली, 2002
19. राम पासेडूर तमासिन, राजस्थान की लोकलोक, सोपेक, जयपुर, 2010.
20. मापूर, विद्याधी एवं सिंह: मानववाद की रूप रेखा

JAIPUR
M/CME D03 ECC: Indian Archaeology, Part II
4 Credits for theory and 2 credits for Practical.
Theory-70 & Practical-30 Marks.

Credits 6
Total Marks 100

Unit I
Origin and expansion of Neolithic cultures- regional patterns. Chalcolithic village
communities and cultures- regional patterns and characteristic features. Pre- Harappan
cultures: Baluchistan, sindha- Haryana, Panjab, Rajasthan.

Unit II
Theory of Urbanization of the Bronze Age. Indus-Saraswati valley civilization: origin,
extent, chronology, main characteristics, architecture, script, new discoveries, decline.
Devolution of Harappa culture in Gujarat, Punjab and Haryana. Later Harappan: Rajasthan,
Survival & continuity.

Unit III
Problems pertaining to O.C.P. and copper hoards. Black and red Ware, P. G. W. and N. B. P.
Ware cultures- A brief survey. Post Harappan culture- sequence in the Deccan and South-
Megalith types and related material culture. Early Iron Age & Urbanization

Practical:- To make Chart of Pre Historic Potteries

Reference Books:-
1. D.P. Chakraborty, History of Indian Archaeology, from the beginning to 1947, Munshi
   Ram Manoharal, Delhi 1988.
2. Webster G. Practical Archaeology : An Introduction to Archaeological Excavation,
7. I. Holdder, Theories of Archaeology.
9. R.E.M. Wheeler:- Archaeology from the Earth, a pelican book, 1974(also Hindi)
   Early India and Pakistan, London, 1966
    Probsthain, London, 1931
    Publications, New Delhi, 2003
    (ed.) harappan Civilization: A Recent Perspective, America Institute of
    Indian Studies, Oxford University and IBH, New Delhi, 1979
12.B. B. Lal
   : The Earliest Civilisation of South Asia (Rise, Maturity and Decline),
   Arya Books International, New Delhi, 1997
13.S.R. Rao
   :Lothal and the Indus Civilisation, Asia Publishing House, New
   Delhi, 1973
   :The Dawn and Devolution of the Indus Civilisation, Adity Prakashan,
   NewDelhi, 1991
15. D. P. Agrawal: The copper and Bronze Age in India
16. Indian Archaeology: A Review (Relevant portions)
17. Ancient India (Relevant portions)
18. Puratattva (Bulletin of the Indian Archaeology Society) (Relevant portions)
19. Man and Environment (Relevant portions)
20. अंतर्ग्रहण, पूर्वाकाल विस्मय, अनाहारवाद, 1995
M/CMD D04 ECC : History of Indian Painting

6 Credits for theory
Theory-100 Marks.

Unit I
Prehistoric paintings Geographical distribution of rock shelter across the country: Bhimbetka, Mirzapur, Gulberga, Adamgarh, Sambalpur, Pachmari etc. chronology, subject matter, magico-ritual significance,

Unit II
Historical phases patronage and textual references to the techniques of mural paintings as described in shilpa texts - Vishnudharmottaram purana and other texts. Distribution of frescos /mural painting across the country, detailed study of Ajanta and Bagh cave groups.

Unit III
Sultanate school of paintings, Deccani school of painting: Bijapur, Golconda, Ahamadnagar, Aurangabad; Mughal paintings, Sources - Persian, Indian, European. Historical development of Mughal paintings from Babur to late Mughals; Changes in 19th Century (Pre Independence canpany school India)

Reference Books:
1. Chandra, Moti : Studies in Early Indian Painting, 1974
2. Brown, P.: Indian Painting under the Mughal, reprint, 2003
3. Brown, P.: Indian Painting, 1918
4. Kramrisch, S.: Survey of Painting in the Deccan
5. Manoranjan, Ghosh. Rock Paintings and Other Aniquities of Prehistoric and later times. Memoir of Archaeological Survey of Indian, 24, 1932
6. Beach, Milo, Mughal and Rajput Paintings, Delhi, 1992
7. S. P. Verma, Mughal Painters and Their Work: A Biographical Survey and Catalogue Delhi, 1994
8. Moti Chand. Mewar Painting
9. A.K. Coomaraswamy. Rajput Paintings
10. सैता प्रताप : भारतीय चित्रकला और मूर्तिकला का इतिहास
11. राय कृष्ण दासभारत की चित्रकला
12. जगदेश गुप्ता, प्रान्तिकात्मक चित्रकला, दिल्ली, 1967

M/CMD D05 ECC : History of Ecology and Environment in India

4 Credits for theory and 2 credits for Practical.
Theory-70 & Practical-30 Marks.

Unit-I
Different types of environmentalism: Deep ecology, Social ecology, Radical ecology.
Environment and Ecology in Indian ethos and philosophy: Vedic, Jain, Buddhist.
Ecological and environmental zones-physical, linguistic, climatic
Environment and social formations-pastoral, agriculture, non-agricultural, forest.

Unit-II
Water management in Harappan cities, Gardens in Medieval India; Colonial intervention and Environmental consciousness in Modern India: Eco-tourism, tribal culture, Chipko movement.
Unit III
Ecology and Identity: folk and tribal Culture of Rajasthan and ecology, role of folk deities and cults of Rajasthan in environmental preservation.
Ecology and Livelihood practices in Rajasthan, water management in Rajasthan traditional structures and community participation.

Practical:- To prepare survey report on any indigenous water harvesting Structure.

Reference Books:
1. Mahesh rangarajan and K. Sivaramakrishnan, India's Environmental History, 2 Vols.,
2. Permanent Black, Ranikhet, 2011
3. Ramchandra Guha, Environmentalism, A Global history
5. Pankaj Jain, Dharma and Ecology in Hindu Communities, Ashgate, 2011
8. Gudgil, Madhav and Guha Ramachandra, This Fissured Land, OUP, 1993.
15. Sivaramakrishnan, K., Modern Forests: Statemaking and Environmental Change in Colonial
19. अनुपम मिश्रा, अभी भी खारें हैं तालाब
20. अनिल अग्रवाल संपादित बुद्ध की संस्कृति
21. अनुपम मिश्रा, रजत की बुद्धि
22. मनोज जैन, ओरण