**Paper I**

**Museology**  
*Museums: Philosophy Context & History*

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Exam Marks</td>
<td>70</td>
</tr>
<tr>
<td>Sessional Marks</td>
<td>30</td>
</tr>
<tr>
<td>Total Marks</td>
<td>100</td>
</tr>
<tr>
<td>Total Periods</td>
<td>48</td>
</tr>
</tbody>
</table>

**Unit I**  
(12 Lectures)

- History, Definition and Scope of Museology
- Museums Role in Society
- New Museology
- Museology as an Academic Discipline

**Unit II**  
(12 Lectures)

- Definition of Museums
- Evaluation of ICOM Museum’s Definition
- Classification of Museums
- Para Museums

**Unit III**  
(12 Lectures)

- History of collections and Museums: Brief world view
- Some Major Museums of the world
- Role of UNISCO and ICOM in Development of Museums
- Major Museums of the world
Unit IV (12 Lectures)

- History & Development of Museology and Museums in India
- Some major Museums of India
- History and Role of Museums Association of India
- Current Museology & museums Scenario in India: - Issues and challenges

Suggested Reading:

- Desvaltees, Andre, & Francas Mairesse  
  **key concept in Museology**
  Arrond Cown  ISBO-978-2-200
  ICOFOM-2010,Paris

- Ross,Max,Lichfield
  **Interpreting the New Museology.**

- Marcoevic, Ivo
  **Introduction to Museology; the European Approach,**
  Nerteg,Dr.chritiam Muller Straten,1998.ISBN3-932704-52-5

- Hauenehild, Andrea
  **Claims & Reality of New Museology; Case Study in Canada.** US, Mexico- On
  
- Bedekar.V.H
  **New Museology, Museum Association of India, New Delhi**

- Devis,Peter.
  **New Museology-NET-YouTube Lecture.**

- Sharon. Macdonald
  **A component to Museum studies,** Wiley Blackwell ISBN.978-14051-0839-3 ICOM working Papers, Study Series
Paper II

Introduction to Natural History

<table>
<thead>
<tr>
<th>Annual Exam Marks</th>
<th>70</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sessional Marks</td>
<td>30</td>
</tr>
<tr>
<td>Total Marks</td>
<td>100</td>
</tr>
<tr>
<td>Total Periods</td>
<td>48</td>
</tr>
</tbody>
</table>

Unit I (12 Lectures)
- Definition Natural History
- Origin of the World and Geological time chart
- Introduction to Physical Geology: Rocks, Mammals
- Basic of Paleontology

Unit II (12 Lectures)
- Basic of Taxonomy of living organism
- Characteristic of major Phylum of Plants
- Characteristic of major Phylum of Animals
- Type of Natural History collections

Unit III (12 Lectures)
- Introduction to evolutions theory
- Evidences of evolution
- Genetic basis of evolution
- Impact of Evolution theory on Natural History Museums

Unit IV (12 Lectures)
- Introduction to Ecology
- Major Echo system of the world
- Adaptation of living organism
- Impact of Ecology on Natural History Museum
Suggested Readings:

- The Array of Past life: Palaentology
- A Text book in General Zoology by H. R. Linville & H. A. Kelly
- Science & History by J.D. Bernel
Paper III

Introduction to Archeology & History

Annual Exam Marks 70
Sessional Marks 30
Total Marks 100
Total Periods 48

Unit I: (12 Lectures)
- Brief History of civilization: Time Chart
- Introduction to Indian Ancient History
- Basics of Historiography

Unit II: (12 Lectures)
- Fundamental of Archeology
- Locating Archeological sites, surveys
- Excavation: Tools & Techniques
- Introduction to material Culture & Cultural Property

Unit III: (12 Lectures)
- Introduction to Paleography & Archival material
- Type and classification Archival material
- Documentation of Archival material
- Care & Preservation of Archival material

Unit IV: (12 Lectures)
- Introduction to Anthropology
- Introduction to Ethnography
- Care & Preservation of Ethnographical collection

Suggested readings:
- History of Fine Arts in India & West by E.Temory
- Material culture and social formations in Ancient India by R.S.Sharma
- Different issues of Indian Archaeological Reviews (IAR)
- Iron age of India by N.R.Banerjee
- Theoretical issues in Indian Archeology by D.K.Chakraborty
- Indian culture through the ages by S.V.Venkateswara
- Temple Sculpture of India by Dwivedi
Paper IV

Museum collection & Documentation

<table>
<thead>
<tr>
<th></th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Exam Marks</td>
<td>70</td>
</tr>
<tr>
<td>Sessional Marks</td>
<td>30</td>
</tr>
<tr>
<td>Total Marks</td>
<td>100</td>
</tr>
<tr>
<td>Total Periods</td>
<td>48</td>
</tr>
</tbody>
</table>

Unit I: (12 Lectures)
- Type of Museum Collection
- Collection Policies and Ethics
- Methods of museum collection
- Field collection, Purchase,

Unit II: (12 Lectures)
- Legal aspects related with Intangible & Natural Laws and
- Accessioning and Documentation methods
- Introduction and Natural Documentation Systems
- Use of ICT and Digital Technology in Museum Documentation-Scope & challenges

Unit III: (12 Lectures)
- Collection management
- Storage, handling of fragile material
- Packing & Transportation
- Safety & Security of collection
- Modern Security Gadgets

Unit IV: (12 Lectures)
- Identification of objects
- Method of manual Documentation System
- Accessioning & De Accessioning
- Computer Application in Documentation
- Use of ICT & Digital Technology in Museum Documentation
- Museum Documentation Association (MDA)
Suggested readings:

- Collection Management by Anne Faity.
- Museum Basics by T.Ambrose and C.Paine
- The Manual of Museum Planning by G.D.Lord and B.Lord
- The cost of collecting – Collection Management in U.K. museums by B.Lord, G.Lord and H. Hicks.
- The return of Cultural Treasures by J. Greenfield.
- Collection Management for Museum by A.D. Robert.
Paper V

Basics of Art History

Annual Exam Marks 70
Sessional Marks 30
Total Marks 100
Total Periods 48

Unit I: (12 Lectures)
- Basics of Art
- Element of Indian Art
- History of Art
- Pre-historic painting in India
- Pre-historic painting:- world view
- Ajanta Paintings

Unit II: (12 Lectures)
- Mugal School of Art-early period
- Jahangir, Shahjahan’s period
- Rajput painting-jaipur,kota,bundi,kishangarh
- Pahari School- Basoli, Gulair, Kangra
- Bengal school of art
- Modern Indian school of paintings
- Introduction to European Paintings

Unit III: (12 Lectures)
- Introduction to sculpture
- Pre-historic period( harappan age )
- Mauryan period & Gupta Period
- Gandhara & Mathura school of Art

Unit IV: (12 Lectures)
- Introduction to Indian Architecture
- Cursory survey of Egypt, Gothic architecture
- Harrapana Architecture and Town Planning
- Ancient Indian Architecture( temples & dwellings)
- Rock-cut Architecture
- Medieval Indian Architecture
Suggested readings:

- History of Fine Arts in India & West by E.Temony
- Material culture and social formations in Ancient India by R.S.Sharma
- Different issues of Indian Archaeological Reviews (IAR)
- Iron age of India by N.R.Banerjee
- Theoretical issues in Indian Archeology by D.K.Chakraborty
- Indian culture through the ages by S.V.Venkateswara
- Temple Sculpture of India by Dwivedi
Paper VI

Preservation & Conservation of Natural History Collection

Annual Exam Marks 70  
Sessional Marks 30  
Total Marks 100  
Total Periods 48

Unit I: (12 Lectures)
- Care & storage of Natural History collection
- Causes of deterioration of collection
- Deterioration of wet preserved specimens
- Deterioration of Dry preserved specimens
- Insect pest of museum materials
- Preventive and curative methods of deterioration

Unit II: (12 Lectures)
- Different type of Preservation techniques
- Method of wet preservation
- Advantage and disadvantage of liquid preservatives like Alcohol, Formalin etc
- Color preservation techniques
- Alizarin mounts

Unit III: (12 Lectures)
- Dry preservation of Natural History specimens
- Micro techniques
- Insect collection
- Plastic embedding
- Preservation of Egg

Unit IV: (12 Lectures)
- Herbarium preparation
- Freeze drying technique
- Preparation of Cabinet skin
- Maintenance of mounted animals & birds
Suggested readings:

- Biological museum methods (vol I & II) by G. Hangry & M. Dingle
- Manual of curatorship in natural history museums by Geffery Steinsfield
- Museum Basics by T. Ambrose & C. Paire
- Museum Environment by Garry Thomson
- An introduction to museum work by G. E. Burcaw
- Museum management by Kevin Moore
- Biodeterioration of Cultural property by O. P. Agarwal
PAPER-VII

CONSERVATION AND PRESERVATION OF CULTURAL PROPERTIES

ANNUAL EXAM MARKS 70
SESSIONAL MARKS 30
TOTAL MARKS 100
Total Periods 48

UNIT-I (12 lectures)

Conservation of Organic Materials of plant
Causes of Deterioration of Organic Material
Preventive conservation: Cleaning, Air Conditioning, Control of Temperature, Humidity, Atmosphere Pollution, Control of Biological agencies etc.

a) Paper and paper manuscript preventive conservation and digitization
b) Wooden objects
c) Textile

UNIT- II (12 lectures)

Conservation of organic material of animal origin
a) Skin
b) Parchment
c) Leather
d) Bone
e) Ivory

UNIT-III (12 lectures)

Special technique for the conservation of mixed materials
a) Easel painting: Material, technique and structure of easel painting
b) Palm leaf manuscripts
c) Prints
d) Drawings
e) Illustrated manuscripts

Rock and stones:” their composition, structure and use in
   Sculpture, weathering and crystallization
   Terracotta: cleaning and removal of soil incrustation and reconstruction of pottery.
   Glass: Care and storage of glass objects.
UNIT-IV

(12 lectures)

General introduction to the cleaning and conservation of Inorganic material like metals, Siliceous and related material
a) Metal cleaning: Electro chemical reduction method and Electrolytic reduction method
b) Gold and Electrum
c) Silver and its alloys
d) Copper and its alloys
e) Lead, Tin, and Pewter
f) Iron and Steel

Suggested readings:

- Conservation of Antiquities and work of art by H.J.Prenderlith
- Manual of Curatorship (cultural property)
- Museum and Cultural Heritage of India by N.R.Banerjee
- Museum Environment by Garry Thomson
- An introduction to museum work by G.E.Bucaw
- Conservation of library and archival materials and the graphic art by Guy Petherbridge
- Conservation of Manuscripts and paintings of south-east Asia by O.P.Agarwal
Paper VIII

Museum Architecture Display & Exhibition

Annual Exam Marks 70
Sessional Marks 30
Total Marks 100
Total Periods 48

Unit I: (12 Lectures)
- Introduction to museum Architecture
- Feasibility studies
- Selection of site
- Site selection Process
- General Consideration for selecting old buildings

Unit II: (12 Lectures)
- Type of Museum Buildings
- Adopted building, purpose built building
- New Building, Single Unit Building & Multistoried building
- Space requirement for public Area
- Planning of Public Area

Unit III: (12 Lectures)
- Space requirements for service Area
- Planning of Service Area
- Curatorial and Administrative offices
- Technical requirements in terms of safety & security
- Renovation & expansion of building
- Architectural conservation & ethics

Unit IV: (12 Lectures)
- The building process
- Planning, construction & commissioning
- Curatorial role in construction
- Technical requirements for special audience
- Selected Museum buildings of India and abroad
Suggested readings:

- The Manual of Museum Planning by G.D. Lord & Barry Lord
- An Introduction to Museum works by Garry Thompson
- Museum Environment by Garry Thompson
- Museum Basics by T. Ambrose & C. Paine
- Manual of Museum by Rolf Lewis
- Manual of Curatorship in Natural History Museums by Geffery Stensfield
- Fundamental of Museology by M.L. Nigam
Paper IX

Museum Research & Publications

Annual Exam Marks 70
Sessional Marks 30
Total Marks 100
Total Periods 48

Unit I: (12 Lectures)
- Scope & Nature of Museum research
- Classification of Museum research
- Field research & Collection based research
- Research policies and Ethics

Unit II: (12 Lectures)
- Research methodology
- Collection of Data & Data Analysis
- Research on museum materials
- Research on Preservation Techniques
- Research on causes of deterioration & their control

Unit III: (12 Lectures)
- Research on museum documentation
- Research on Museum Education and Interpretation
- Research on Exhibit Evaluation
- Research on Development of Museums and their case studies

Unit IV: (12 Lectures)
- Type of Museum Publications
- Museum Publicity materials
- Museum Journals & books
- Catalogues, monographs etc
- Modern methods of Publications
- E-Publication
- Factors affecting the Publications such as Finance, Policy and Practice, market Potential etc.
**Suggested Readings**:

- The manual of museum planning by G.D.Lorci and B. Lord
- Museum Basics by T.Amrose C.Paine
- Museum Provision and Professionalism by G.Kavanagh
- Towards the Museum of the future by R.Miles and L.Zavala
- Production of Museum Publications: A step by step Guide by H.Kebabian and W.Padgett
- The manual of Curatorship by J.Thompson.
Paper - X

Museum Marketing And Public Relation

Annual Exam Marks  70
Sessional Marks  30
Total Marks  100
Total Periods  48

Unit I :  (12 Lectures)

- Principles and fundamentals of marketing
- Concept of marketing in museums
- Market survey, Market research
- Market Intelligence, Market segmentation

Unit II:  (12 Lectures)

- Concept of Mix Marketing
- Profit and non-profit marketing
- Museum as a product for marketing, promotion of museum services
- Museum information services
- Visitors development and visitor’s survey for marketing
- Analysis of visitors remarks, museum visitor study

Unit III :  (12 Lectures)

- Financial management for non-profitable institution
- Fund raising and income generation
- Commercial sponsorships
- Museum development funds
- Special assistance schemes of Govt. and NGO’s
- Projects and project proposals for financial assistance
Unit IV : (12 Lectures)

- Museum publicity and advertisement
- Use of electronic and print media
- Conference, Seminars Workshops
- Cultural programmes, film shows etc.
- Museum visitors and public relation
- Heritage Interpretation Centres
- Museum and entertainment

Suggested Readings:

- Marketing the Museum, by Fion Mclean
- Fundamentals of Marketing, by Philip Kotler
- Museum Educator’s Handbook by Graeme K. Talboys
- Museum Management & Marketing by Richard Sandell & Robert R. James
- Museum Marketing & Strategy by Neil G. Kotler, Philip Kotler & Wendy I. Kotler
- Environmental Management by May Cassar
Paper XI

Museum Evaluation and Visitor Studies

<table>
<thead>
<tr>
<th>Annual Exam Marks</th>
<th>70</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sessional Marks</td>
<td>30</td>
</tr>
<tr>
<td>Total Marks</td>
<td>100</td>
</tr>
<tr>
<td>Total Periods</td>
<td>48</td>
</tr>
</tbody>
</table>

Unit I: (12 Lectures)
- Definition scope & significance
- History of Evaluation studies in Museums
- Types of Evaluation
- Front end formative and summative evaluation

Unit II: (12 Lectures)
- Model and methods of evaluation naturalistic
- Naturalistic Evaluation
- Assessment of impact of Museum exhibit
- Evaluation of text/labels in museums

Unit III: (12 Lectures)
- Audience / visitor studies – Demographic studies
- Management approach to visitor studies
- Visitor survey’s and profile
- Visitor behavior studies

Unit II: (12 Lectures)
- Exhibit visitor evaluation research
- Visitor remarks book as a service
- Museum service evaluation methods and tools
- Visitor bodies and evaluation studies agencies
Suggested Readings:

- Museum basics by T. Ambrose & C. Paine
- Evaluating Exhibitions by Bs. Griggs in the Manual of Curatorship
- Approaches to Summative Evaluation by D. Prince in the Manual of Curatorship
- Exhibitions in Museums by M. Belcher
- Visitor Studies- Theory Research and Practice by S. Bitgood, J. Roper & A. Benfield
- Museum Visitor Studies by Venugopal B.
Paper - XII

Museum Management And Administration

Annual Exam Marks 70
Sessional Marks 30
Total Marks 100
Total Periods 48

Unit I: (12 Lectures)
- Principles of museum management, planning and policy development, mission statement, vision and road map
- Management by objective (MBO)
- Critical Path Analysis (CPA)
- Swot Analysis, Code of Ethics, International Laws, Treaties (UNESCO, ICOM, UNEP, IUCN etc.)

Unit II: (12 Lectures)
- Management of museum functions
- Museum administration
- Office management
- Management of the office records and infrastructure (premises, equipments etc.)

Unit III: (12 Lectures)
- Security management
- Museum security, security of staff
- Mechanical and Electrical security gadgets
- Security against fire (fire fighting, fire extinguishers and other gadgets)
- Health and safety measures

Unit IV: (12 Lectures)
- Financial management in museums
- Methods of income generation
- Human resource management, in-service training, carrier development (promotions, incentives etc.)
- Recruitment procedure in museum including job description and persons specification
Suggested Readings:

- Museum Basics by, T. Ambrose & C. Paine
- Museum Management, by Kevin Moore
- Collection Management, by Anne Faity
- The Manual of Museum Planning, by G. D. Lord & B. Lord
- Forward Planning, by T. Ambrose & S. Runyard
Paper – XIII
Intangible/Living Heritage

<table>
<thead>
<tr>
<th>Component</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Exam Marks</td>
<td>70</td>
</tr>
<tr>
<td>Sessional Marks</td>
<td>30</td>
</tr>
<tr>
<td>Total Marks</td>
<td>100</td>
</tr>
<tr>
<td>Total Periods</td>
<td>48</td>
</tr>
</tbody>
</table>

Unit I: (12 Lectures)
- Definition, Meaning & Scope of Intangible Heritage
- Types of Intangible Heritage, Natural and Cultural Intangible Heritage
- International conventions efforts & guidelines (UNESCO, ICOM, IUCN, UNEP)
- National Initiatives & Efforts in Safeguarding Intangible Heritage

Unit II: (12 Lectures)
- Definition of Intangible Natural Heritage
- Types of Intangible Natural Heritage
- Method & Tools for Documentation & Safe guarding of Intangible Natural Heritage
- Museums role in safeguarding Intangible Heritage

Unit III: (12 Lectures)
- Language as a Vehicle of Tangible & Intangible Heritage
- Traditional knowledge & beliefs
- Oral history, Narratives & Folk & Traditional Heritage
- Expressive Culture & Performing Arts (Music, Theatre, Dance & Festivals )

Unit IV: (12 Lectures)
- Methods & Tools for Documenting & Safeguarding Intangible Cultural Heritage
- Equipments & Technology for Collecting & Documenting Intangible Cultural Heritage (Audio, Video & Digital )
- Indigenous Traditional & Local methods for safeguarding Intangible Cultural Heritage
- Scope & prospects of interdisciplinary research in safeguarding Intangible Heritage
**Suggested Readings:**

- World Folklore & Folklife Vol.2 by William M. Clements
- Traditional Festivals- a Multicultural Encyclopedia by Christian Roy
- Kathputli – The World of Rajasthani Puppeteers by Nazir Ali Jairazbhoy
- Living with Folk Art – Ethnic Styles from around the World by Nicholas Barnard
- Indian Performing Arts – a mosaic by Utpal K. Banerjee
- Traditions in Motion – Religion & Society in History by Satish Sabrewal & Supriya Varma
Museum Communication, Interpretation & Education

Annual Exam Marks 70
Sessional Marks 30
Total Marks 100
Total Periods 48

Unit I : (12 Lectures)
- Museum as a communication system
- Learning Theories
- Role of Museums as a non-formal learning experience
- Role of museum in supplementing formal education

Unit II : (12 Lectures)
- Definition & scope of interpretation
- Concept of learning through object
- Methods & techniques of interpretation (Signage, Texts, Labels & Others)
- Use of Multimedia in interpretation

Unit III : (12 Lectures)
- History of museum education – A brief world view
- Interrelationship between museums, schools & other educational institutions
- Concept of educational services & programmes
- Educational services of some major national & international museums

Unit IV : (12 Lectures)
- Museum educational services for special audience
- Museum inclusion & community participation
- Collaboration, networking with agencies of mass communication & other media
- Scope for research in the field of museum learning
Suggested Readings:

- Multimedia & Communication Technology by Steve Heath
- Interpreting Objects & Collections by Susan M. Pierce
- Digital Applications for Cultural & Heritage Institutions by Jame Hemsley, Vito Cappelini & Gerd Stanke
- The Educational Role of the Museum Purpose, Pedagogy & Performance by Eilean Hooper Grenhill
- Museums & Educator’s Handbook by Graeme K. Talboys
Paper - XV

Heritage Tourism & Museums

<table>
<thead>
<tr>
<th>Component</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Exam Marks</td>
<td>70</td>
</tr>
<tr>
<td>Sessional Marks</td>
<td>30</td>
</tr>
<tr>
<td>Total Marks</td>
<td>100</td>
</tr>
<tr>
<td>Total Periods</td>
<td>48</td>
</tr>
</tbody>
</table>

Unit I: (12 Lectures)

- Definition scope & concept of heritage
- Tangible & Intangible natural & cultural heritage
- Heritage, Tourism Vs Development
- Impact of tourism on heritage

Unit II: (12 Lectures)

- Definition & history of tourism
- Types of tourism (Heritage, Religious, Adventure & Medical Tourism)
- Tourism principles, policies & practices
- Economics of tourism

Unit III: (12 Lectures)

- Scope & significance of heritage tourism
- Tourism & tangible heritage (movable & immovable)
- Tourism heritage sites (natural & cultural)
- Local communities & tourism

Unit IV: (12 Lectures)

- Museum as custodian of movable tangible heritage & tourism
- Museums role in interpreting heritage to the tourists
- Pro’s & con’s of tourism on museums
- Sustainable tourism conservation of heritage & economy
Suggested Readings:

- Heritage & Tourism in the Global Village by Priscilla Boniface & Peter J. Fowler
- Digital Heritage by Mac Donald
- The Industrial Heritage – Managing Resources & Uses by Judith Alfrey & Tim Putnam
- Cultural & Heritage Tourism by Prem Nath Dhar
- Heritage & Identity by Marta Anico & Elsa Peralta
- Cultural Heritage by Laurajane Smith
### Revised Syllabus of Post M.Sc Diploma in Museology

<table>
<thead>
<tr>
<th>Paper I</th>
<th>Museum &amp; Museology, History Context &amp; theory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper II</td>
<td>Introduction to Natural History, History &amp; Archeology &amp; Art History</td>
</tr>
<tr>
<td>Paper III</td>
<td>Museum Collections: Documentation, Storage &amp; Conservation</td>
</tr>
<tr>
<td>Paper IV</td>
<td>Museum Communication: Exhibition, Education Interpretation &amp; Evaluation</td>
</tr>
<tr>
<td>Paper V</td>
<td>Museum Management, marketing &amp; public relations</td>
</tr>
<tr>
<td>Practical I</td>
<td>Museum Exhibition Designing &amp; Fabrication</td>
</tr>
<tr>
<td>Practical II</td>
<td>Museum Collections: Documentation, Preservation &amp; Conservation</td>
</tr>
</tbody>
</table>
Paper I

Museum & Museology, History Context & theory

Annual Exam Marks 80
Sessional Marks 20
Total Marks 100

Unit I
- Museology- Theory & Scope
- Changing Definition & type of Museums
- Museum Profession
- Role of UNISCO & ICOM in museum Development

Unit II
- History and Development of Museums- A world view
- Museum Associations – India, US, UK, CANADA
- History and development of museums in India – Pre Independence
- Post Independence
- Current Scenario and challenges for museums & Museology in India

Unit III
- New Museology- History & Origin
- Eco Museum, neighborhood & Community museums
- Para, virtual, digital & cyber museums
- Museums and ICT

Unit IV
- Intangible Heritage: Significance and Scope
- Museums role in safeguarding & presenting intangible Heritage
- UNESCO & ICOM Conventions
- Methods & tools for safeguarding intangible Heritage

Unit V
- Heritage material Culture
- Museum & tourism
- Eco Tourism & Cultural Tourism in India- Scope & Challenges
- Role of International organizations in promoting Heritage in India
Suggested Reading:


- Hauenehild, Andrea. *Claims & Reality of New Museology; Case Study in Canada*. US, Mexico - Online, Ph.D.

- Bedekar, V.H. *New Museology*, Museum Association of India, New Delhi.

- Devis, Peter. *New Museology-NET-YouTube Lecture*.

Paper II

Introduction to Natural History, History & Archeology & Art

History

<table>
<thead>
<tr>
<th>Annual Exam Marks</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sessional Marks</td>
<td>20</td>
</tr>
<tr>
<td>Total Marks</td>
<td>100</td>
</tr>
</tbody>
</table>

Unit I
- Geological Time Chart
- Types of Rocks & Minerals
- Paleontology
- Fossils as an Evidence of Evolution
- Pre-historic painting:- world view
- Ajanta Paintings

Unit II
- Basics of Taxanomy of living organisms
- Ecosystem, Animals & Plants Adaptation & Relationships
- Evolution
- Environmental Issues

Unit III
- Archeology, Definition & Scope
- Excavation tools and techniques
- Material Culture
- Care & Preservation of Archeological material

Unit IV
- Fundamental of Palaeology & Archival material
- Introduction to Historiography
- Introduction to Anthropology
- Introduction to Ethnography

Unit V
- History of Arts, Definition & Concepts
- Plastic art & Crafts
- Indian Arts & Paintings
- Indian Architecture & Sculptures
Suggested readings:

- The Array of Past life: Palaeontology
- A Text book in General Zoology by H. R. Linville & H. A. Kelly
- Science & History by J.D. Bernel
- History of Fine Arts in India & West by E.Temory
- Material culture and social formations in Ancient India by R.S.Sharma
- Different issues of Indian Archaeological Reviews (IAR)
- Iron age of India by N.R.Banerjee
- Theoretical issues in Indian Archeology by D.K.Chakraborty
- Indian culture through the ages by S.V.Venkateswara
- Temple Sculpture of India by Dwivedi
Paper III

Museum Collections: Documentation, Storage & Conservation

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Exam Marks</td>
<td>80</td>
</tr>
<tr>
<td>Sessional Marks</td>
<td>20</td>
</tr>
<tr>
<td>Total Marks</td>
<td>100</td>
</tr>
</tbody>
</table>

Unit I
- Types of Museum Collection
- Policies & Ethics
- Methods of Museum collection
- Legal aspects related to Museum Collection

Unit II
- Collection Management
- Storage & Handling of Museum materials
- Packing & Transportation
- Safety and Security

Unit III
- Method of manual documentation
- Accessioning & De accessioning
- Computer application in Documentation
- Museum Documentation Association

Unit IV
- Conservation of Museum Collection
- Organic materials of Plant origin
- Manuscripts, wooden objects Conservation of organic materials of Animal origin
- Skin, leather, bone, Ivory etc

Unit V
- Conservation of inorganic materials
- Metal cleaning: Electro chemical reduction & Electrolytic reduction method
Suggested readings:

- Collection Management by Anne Faity.
- Museum Basics by T.Ambrose and C.Paine
- The Manual of Museum Planning by G.D.Lord and B.Lord
- The cost of collecting – Collection Management in U.K. museums by B.Lord, G.Lord and H. Hicks.
- The return of Cultural Treasures by J. Greenfield.
- Collection Management for Museum by A.D. Robert.
- Conservation of Antiquities and work of art by H.J. Plenderlith
- Manual of Curatorship (cultural property)
- Biological museum methods(vol I & II) by G.Hangry & M.Dingle
Paper IV

Museum Communication: Exhibition, Education, Interpretation & Evaluation

Annual Exam Marks 80
Sessional Marks 20
Total Marks 100

Unit I
- Museum as communication System
- Museum Exhibition types
- Planning & designing of museum Exhibition
- Show case: Definition & Scope

Unit II
- Museum Interpretation
- Museum Text labels, types & readability
- Multimedia presentation techniques
- Museum Lighting, colour Scheme

Unit III
- Theory & Principal of Museum Education
- Learning theories
- Museum as centre for non formal learning
- Museum as an Interpretation centre

Unit IV
- Museum’s Educational activities programmes
- Discovery room, visitor and teacher centres
- Museum Libraries, book shop, souvenir shop
- Museum Publication & Public relation

Unit V
- Museum visitor studies
- Museum Exhibit evaluation, History types & techniques
- Museum service evaluation
- Museums & inclusion
Suggested readings:

- Multimedia & Communication Technology by Steve Heath
- Interpreting Objects & Collections by Susan M. Pierce
- Digital Applications for Cultural & Heritage Institutions by Jame Hemsley, Vito Cappelini & Gerd Stanke
- The Educational Role of the Museum Purpose, Pedagogy & Performance by Eileen Hooper Grenhill
- Museums & Educator’s Handbook by Graeme K. Talboys
- Evaluating Exhibitions by Bs. Griggs in the Manual of Curatorship
- Approaches to Summative Evaluation by D. Prince in the Manual of Curatorship
- Exhibitions in Museums by M. Belcher
Paper V

Museum Management Marketing & Public Relation

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Exam Marks</td>
<td>80</td>
</tr>
<tr>
<td>Sessional Marks</td>
<td>20</td>
</tr>
<tr>
<td>Total Marks</td>
<td>100</td>
</tr>
</tbody>
</table>

Unit I
- Principal of Museum Management
- Mission Statements
- Management by objective and critical path analysis
- Code of Ethics, International Law & treaties (UNISCO, ICOM, UNEP, IUCN etc)

Unit II
- Museum infrastructure management
- Museum Administration
- House keeping
- Fire fighting
- Security

Unit III
- Human resource management
- Assessment and confidential reports
- In service, training & skill developments
- Grievances procedure, incentives

Unit IV
- Financial management
- Budgeting and purchase procedures
- Grants sponsorship and partnership networking
- Fund rising and income generation

Unit V
- Fundamentals of marketing
- Marketing services and market analysis
- Consultancy services
- Use electronic and print media in marketing
Suggested Readings:

- Museum Basics by, T. Ambrose & C. Paine
- Museum Management, by Kevin Moore
- Collection Management, by Anne Faity
- The Manual of Museum Planning, by G. D. Lord & B. Lord
- Forward Planning, by T. Ambrose & S. Runyard
- Marketing the Museum, by Fion Mclean
- Fundamentals of Marketing, by Philip Kotler
- Museum Educator’s Handbook by Graeme K. Talboys