

**DECCAN COLLEGE POST-GRADUATE AND RESEARCH INSTITUTE  
DEEMED UNIVERSITY  
Pune- 411 006**

**M.A. Semester-end Examination – AIHC & Archaeology  
ARC-302: Ancient Indian Iconography(Backlog)**

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**Time: 2.30pm to 4.30pm**

**Maximum marks 50**

**Note: ALL Sections are compulsory**

**Date: 27-5-23**

**SECTION A**

**Answer any TWO essay-type questions from the following:**

**Marks 30**

1. Discuss the literary sources of iconography.
2. Discuss the iconographical significance of the idea of 'Vyuha' in Vaishnavism.
3. Describe the salient features of the early Buddhist visual tradition.

**SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

1. Parshvanath
2. Cakreshvari
3. Anugrahamurtis of Siva
4. Yaksini
5. Hariti
6. Mahalakshmi

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**M.A. Semester-end Examination – Archaeology  
ARC 303: Ancient Indian Epigraphy and Palaeography**

**Time: 2.30pm to 4.30pm**

**Note: ALL Sections are compulsory**

**Maximum marks 50**

**Date: 27-5-23**

**SECTION A**

**Answer any TWO essay type questions from the following:**

**Marks 30**

1. Write an essay on the materials used for writing inscriptions.
2. Discuss the Welfare Policy of Ashoka.
3. Write a note on the Allahabad Prashasti

**SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

1. Poona copper plates of Prabhavati Gupta
2. Write following words in Kharoshthi: a) Apaladata b) Jayadhara c) Rudravarma  
d) Nahapana e) Bhagavato
3. Nasik Cave No. 10 Inscription of Nahapana.
4. Virapurisadatta Inscription from Nagarjunikonda.
5. Chronograms.
6. Write following words in Brahmi: a) Pravāsamhi b) Parākramena c) Vacigutī  
d) Hārāpitāni e) Uyānesu

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**M.A. Semester-end Examination – AIHC & Archaeology**

**ARC 307: Biological Anthropology**

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**Time: 11am to 1pm**

**Note: ALL Sections are compulsory**

**Maximum marks 50**

**Date: 17-5-2023**

**SECTION A**

**Answer any TWO essay type questions from the following:**

**Marks 30**

1. What is X-linked inheritance? Explain the concept by giving two examples.
2. Discuss human dispersal theories and point out limitations of 'out of Africa' and 'multiregional evolution'
3. Discuss differences between Platyrrhini and catarrhini

**SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

1. Homo habilis
2. Piltdown man
3. Sex determination based on human skull
4. Comparison of evolutionary ideas from the Greek times to Middle Ages
5. Physiological stress model
6. Skeletal features leading to a bipedal gait

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**M.A. Semester-end Examination – AIHC & Archaeology**

**ARC 308: Advanced Archaeological Theory And Research  
Methodology (backlog)**

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**Time: 11am to 1pm**

**Note: ALL Sections are compulsory**

**Maximum marks 50**

**Date: 16-05-2023**

**SECTION A**

**Answer any TWO essay type questions from the following:**

**Marks 30**

1. What are the seven steps of the research process? Describe each step by giving appropriate examples.
2. Write the importance of analogy in research with suitable examples.
3. Critically analyse post structuralism with special reference to Foucault's book Archaeology of Knowledge

**SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

1. Gender Archaeology
2. Philosophy of Science
3. Signature patterns in Middle range theory
4. Any five characteristics of inductive reasoning in archaeological research
5. Hermeneutics
6. Culture historical method

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**M.A. Semester-end Examination – AIHC & Archaeology  
ARC310: Harappan Civilization(Backlog)**

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**Time: 11am to 1pm**

**Note: ALL Sections are compulsory**

**Maximum marks 50**

**Date: 24-5-23**

**SECTION A**

**Answer any TWO essay type questions from the following:**

**Marks 30**

1. Discuss causes and consequences of Mature Harappan decline
2. Discuss Private and Public architecture of Mature Harappan period
3. Discuss Harappan Internal and External Trade

**SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

1. Amri culture
2. Harappan Script
3. Harappan legacy
4. Jhukar culture
5. Padri-Anarta Cultural Complex
6. Shell manufacturing technology and centers

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**M.A. Semester-end Examination – AIHC & Archaeology  
ARC-401: Art and Architecture of India (600 CE to 1200 CE)**

**Time: 11am to 1pm**

**Note: ALL Sections are compulsory**

**Maximum marks 50**

**Date: 19-5-.23**

**SECTION A**

**Answer any TWO essay type questions from the following:**

**Marks 30**

1. Discuss the art and architecture of Brahmanical rock-cut caves.
2. What is a *Vimāna*? Describe the architectural features of *Draviḍa* mode of the superstructure with suitable examples.
3. What are the salient features of a '*Bhumija*' mode of temple architecture? Geographical extent, types and examples.

**SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

1. Kailāsanāth temple at Kanchipuram
2. Kalinga Style
3. Bṛhadiśvara temple, Thanjavur
4. Nilakantheśvara temple at Sunak
5. Art and Architecture of Temples at Osia: Phase I
6. *Phaṃsānkāra*

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**M.A. Semester-end Examination – AIHC & Archaeology  
ARC 402: Ancient Indian Numismatics**

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**Time: 11am to 1pm**  
**Note: ALL Sections are compulsory**

**Maximum marks 50**  
**Date: 23-5-23**

**SECTION A**

**Answer any TWO essay-type questions from the following:**                      **Marks 30**

1. Write a note on the history of numismatics studies in India and its recent advancement.
2. Write a note on the feud between the Satavahanas and the Kshaharatas based on the numismatic evidence.
3. Discuss the scope of numismatics studies and its importance in the reconstruction of the socio-cultural and economic history of ancient India.

**SECTION B**

**Answer any FOUR short notes from the following:**                      **Marks 20**

1. Role of private coin collectors
2. Salient feature of Pallava coinage
3. Salient features of Western Khatrapa coins
4. City State coins
5. Define the term 'provenance' in numismatic studies.
6. Salient features of Gupta coins

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**M.A. Semester-end Examination – AIHC & Archaeology  
Arc 403: Ethnoarchaeology**

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**Time: 11am to 1pm**  
**Note: ALL Sections are compulsory**

**Maximum marks 50**  
**Date: 23-5-23**

**SECTION A**

**Answer any TWO essay type questions from the following:**                      **Marks 30**

1. Discuss the applicability of Forager/Collector model to Mesolithic societies in India. Give suitable examples.
2. Give a detail account on the contribution of Deccan College in ethnoarchaeological researches.
3. Critically evaluate the role of ethnographic analogical reasoning in archaeology with suitable examples.

**SECTION B**

**Answer any FOUR short notes from the following:**                      **Marks 20**

1. New Analogy
2. Define traditional hunting-gathering groups (tribe) and give any five characteristics traditional hunting-gathering groups.
3. Shifting cultivation practices and analogical parallels in archaeology.
4. Write an account of the modern day shell bangle industry in Bengal and its relevance for studying ancient shellworking.
5. Use of Ethnoarchaeology for understanding palaeopathology
6. Significance of living megalithic traditions to explain past belief system





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**M.A. Semester-end Examination – AIHC & Archaeology  
ARC-404: Early Iron Age**

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**Time: 11am to 1pm**  
**Note: ALL Sections are compulsory**

**Maximum marks 50**  
**Date: 26-5-23**

**SECTION A**

**Answer any TWO essay type questions from the following:**                      **Marks 30**

1. Discuss debate on contribution of Iron to the emergence of Second urbanization.
2. Megalithic culture of Krishna-Tungabhadra Valley.
3. Elaborate about the Megalithic culture of Adwa Valley, Mirzapur.

**SECTION B**

**Answer any FOUR short notes from the following:**                      **Marks 20**

1. Early evidence of iron in India.
2. Ahichchatra
3. Gandhara Grave culture
4. Naikund iron furnace.
5. Importance of horse in Megalithic culture.
6. Settlement pattern of Painted Grey Ware period.

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**M.A. Semester-end Examination – AIHC & Archaeology**

**ARC: 405: Historical archaeology**

**Time: 11am to 1pm**

**Note: ALL Sections are compulsory**

**Maximum marks 50**

**Date: 17-5-23**

**SECTION A**

**Answer any TWO essay type questions from the following:**

**Marks 30**

1. Discuss socio-economic development of the Northern Black Polished Ware period in India.
2. What is urban decline in the context of Second Urbanisation? What are the various proposed causes of it?
3. Nature of archaeological remains in the Deccan from 3<sup>rd</sup> century BCE to 2<sup>nd</sup> century CE.

**SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

1. Kodumanal
2. Hastinapur and Painted Grey Ware.
3. Structural finds of Nagarjunkonda
4. Evidences indicating contact between Deccan and North India during Mauryan period.
5. Discuss the problem concerning beginning of Historical period of South India.
6. Russet Coated Painted Ware characteristic and chronological significance.

## **SECTION A**

**Answer any TWO essay type questions from the following:**

**Marks 30**

१. द्वितीय नागरीकरणाचा विकास आणि विस्तार चर्चा करा.
२. द्वितीय नागरीकरणाच्या पार्श्वभूमीवर नागरीकरणाचा हास स्पष्ट करा आणि त्याची कारणे सांगा.
३. वाकाटक कालीन पुरातत्व अवशेषांचे स्वरूप आणि महत्व सांगा.

## **SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

१. कोडूमणाल
२. हस्तिनापुर आणि करड्या रंगाची रंगीत नक्षीदार खापरे (Painted Grey Ware).
३. नागार्जुनकोंडा येथील उत्खननातून उपलब्ध विविध ऐतिहासिक वास्तू.
४. दख्खन आणि उत्तर भारत यांच्यामध्ये मौर्य काळात निर्माण झालेल्या संबंधाविषयी उपलब्ध पुरातत्वीय अवशेषांची माहिती द्या..
५. दक्षिण भारतातील ऐतिहासिक काळाच्या प्रारंभासंबंधित वादाची चर्चा करा.
६. रुस्सेट कोटेड पॅटेड वेयर काळ आणि वैशिष्टे सांगा.

## **SECTION A**

**Answer any TWO essay type questions from the following:**

**Marks 30**

१. भारत में द्वितीय शहरीकरण के विकास की चर्चा कीजिए।
२. दूसरे शहरीकरण के संदर्भ में शहरी क्षय क्या है? इसके क्या कारण हैं?
३. वाकाटक काल के पुरातात्विक अवशेषों की प्रकृति और महत्व पर चर्चा करें।

## **SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

१. कोडूमनाल
२. हस्तिनापुर और पेंटेड ग्रे वेयर
३. नागार्जुनकोंडा में खुदाई से उपलब्ध विभिन्न ऐतिहासिक संरचनाएं।
४. मौर्य काल के दौरान दक्कन और उत्तर भारत के बीच संपर्क का संकेत देने वाले पुरातात्विक साक्ष्य।
५. दक्षिण भारत के ऐतिहासिक काल के प्रारंभ से संबंधित समस्या की विवेचना कीजिए।
६. रसेट कोटेड पेंटेड वेयर विशेषता और कालानुक्रमिक महत्व।

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**M.A. Semester-end Examination – AIHC & Archaeology  
ARC406: Ancient Indian Technology and Archaeochemistry**

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**Time: 11am to 1pm**  
**Note: ALL Sections are compulsory**

**Maximum marks 50**  
**Date:19.5.23**

**SECTION A**

**Answer any TWO essay type questions from the following:** **Marks 30**

1. Discuss the development of iron technology in India from Iron Age to Medieval period.
2. Discuss various ceramic types of Early Historic period with reference to their characteristic features, period and area of occurrence.
3. Describe principle of C14 dating method and importance of calibration curve in it.

**SECTION B**

**Answer any FOUR short notes from the following:** **Marks 20**

1. What are strontium and Nitrogen stable isotopes and give briefly their applications in archaeology
2. What is Neutron Activation Analysis and its use in Archaeology?
3. Zinc distillation process discovered at Zawar.
4. Stages of clay preparation in pottery manufacture
5. What is glass ? discuss briefly its use and manufacture in ancient India with suitable examples.
6. Write briefly about XRD and XRF analysis and its use in archaeology

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**M.A. Semester-end Examination – AIHC & Archaeology  
ARC407: Quantitative Techniques and Information Science**

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**Time: 11am to 1pm**

**Note: ALL Sections are compulsory**

**Maximum marks 50**

**Date: 25-5-23**

**SECTION A**

**Answer any TWO essay type questions from the following:**

**Marks 30**

1. Excavation at an archaeological site revealed various figurines from three different localities. Do you see any relationship between the figurine type and locality of their occurrence? Test your results by using chi square at alpha level of 0.05.

Burial Types	Frequency of ceramics	Frequency of beads
Burial I	32	20
Burial II	34	22
Burial III	32	19
Burial IV	33	20
Burial V	31	19

2. Discuss use of various computer applications in archaeology, museums, cultural heritage management, research and publication.
3. Discuss various methods used for classification and tabulation of data.

**SECTION B**

**Answer any FOUR short notes from the following:**

**Marks 20**

1. Image processing
2. Measures of central tendency
3. Remote sensing
4. Correlation tests
5. Applications of statistics in archaeology
6. Snowball sampling with example





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**M.A. Semester-end Examination – Archaeology  
Arc408: Environmental Archaeology (Geoarchaeology)**

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**Time: 11:00 AM to 1:00 PM**  
**Note: ALL Sections are compulsory**

**Maximum marks 50**  
**Date: 26-5-23**

**SECTION A**

**Answer any TWO essay type questions from the following:**                      **Marks 30**

1. Evaluate the significance of techniques of Earth Sciences in understanding prehistoric sites in Peninsular India.
2. Write a detail account on post depositional processes. Add a detail note on origin of laterite and bauxite.
3. Give a detailed account on Quaternary formations of Thar Desert.

**SECTION B**

**Answer any four short notes from the following:**                      **Marks 20**

1. Fluvial depositional features and their importance
2. Sedimentary formations of upper Ghatprabha basin
3. Types of sampling
4. Process of sediment formation
5. Importance of geophysical methods
6. Erosional features of glacier