

**DEPARTMENT OF ANCIENT INDIAN HISTORY,
CULTURE AND ARCHAEOLOGY**

**GURUKULA KANGRI (DEEMED TO BE UNIVERSITY),
HARIDWAR, UTTARAKHAND**

**FOUR-YEAR UNDERGRADUATE PROGRAMMES (FYUG)
(ARCHAEOLOGY AND MUSEOLOGY)**

(Courses effective from Academic Year 2022-23)



SYLLABUS OF COURSES TO BE OFFERED

Bachelor of Arts (Honours) in Archaeology and Museology (Faculty of Oriental Studies)

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Head

Department of Ancient Indian History,
Culture and Archaeology
Gurukul Kangri Vishwavidyalaya, Haridwar

DEPARTMENT OF ANCIENT INDIAN HISTORY, CULTURE AND ARCHAEOLOGY

GURUKULA KANGRI (Deemed to be University), HARIDWAR

FOUR-YEAR UNDERGRADUATE PROGRAMMES (FYUG) in HISTORY

DSC/SEC/ DSE	Subject Code	Subject Title	Period Per Week			Modes of Evaluation					Subject Total	
			L	T	P	C	A/P	MT	CE	ESE		
B.A. I Year												
Semester-I												
DSC	BAM-C 101	An introduction to Archaeology	2	1	-	3	10	25	5	60	100	
	BAM-C151	Practical	-	-	3	3	10	25	5	60	100	
Total						6						200
Semester-II												
DSC	BAM-C 201	Principles of Museology	2	1	-	3	10	25	5	60	100	
	BAM-C251	Practical	-	-	3	3	10	25	5	60	100	
Total						6						200
AWARD OF CERTIFICATE (After 1 Year)												
B.A. II Year												
Semester-III												
DSC	BAM-C 301	Pre Historic and Proto Historic Cultures of India	2	1	-	3	10	25	5	60	100	
	BAM-C351	Practical	-	-	3	3	10	25	5	60	100	
SEC	BHS-S 301 or BHS-S 302	Skill Enhancement	3	1	-	4	10	25	5	60	100	
Total						10						300
Semester-IV												
DSC	BAM-C 401	Chalcolithic and Iron Age Cultures of India	2	1	-	3	10	25	5	60	100	
	BAM-C451	Practical	-	-	3	3	10	25	5	60	100	
SEC	BHS S 401 or BHS S 402	Skill Enhancement	3	1	-	4	10	25	5	60	100	
Total						10						300
AWARD OF DIPLOMA (After 2 Years)												
B.A. III Year												
Semester-V												
DSE	BHS-E 501 or BHS-E 502	Discipline Specific Elective	2	1	-	3	10	25	5	60	100	
	BAM-C551	Practical	-	-	3	3	10	25	5	60	100	
SEC	BHS-S 501 or BHS-S 502	Skill Enhancement	3	1	-	4	10	25	5	60	100	
GE	BHS-G 501 or BHS-G 502	Generic elective	5	1	-	6	10	25	5	60	100	
Total						16						400
Semester-VI												
DSE	BHS-E 601 or BHS-E 602	Discipline Specific Elective	2	1	-	3	10	25	5	60	100	
	BAM-C651	Practical	-	-	3	3	10	25	5	60	100	
SEC	BHS-S 601 or BHS-S 602	Skill Enhancement	3	1	-	4	10	25	5	60	100	
GE	BHS-G 601 or BHS-G 602	Generic elective	5	1	-	6	10	25	5	60	100	
Total						16						400
AWARD OF BACHELOR of ARTS (B.A.) IN CONCERNED DISCIPLINE (After 3 Years)												

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B.A. IV Year											
Semester-VII											
DSC	BAM-C 701	Heritage Management and Conservation	5	1	-	6	10	25	5	60	100
DSC	BAM-C 702	Collection Management	5	1	-	6	10	25	5	60	100
DSC	BAM-C 703	Museum Education and Public Relation	5	1	-	6	10	25	5	60	100
DSC	BAM-C 704	Dissertation	5	1	-	6	-	-	-	-	100
Total											400
Semester-VIII											
DSC	BAM -C 801	Archaeology and Literature	5	1	-	6	10	25	5	60	100
DSC	BAM -C 802	Historical Archaeology	5	1	-	6	10	25	5	60	100
DSC	BAM -C 803	Ancient Indian Arts and Crafts	5	1	-	6	10	25	5	60	100
DSC	BAM -C 804	Research Project*	5	1	-	6	-	-	-	-	100
Total											400
GRAND TOTAL						112					2000
AWARD OF BACHELOR of ARTS (Hons) IN CONCERNED DISCIPLINE (After 4 Years)											

L = Lecture T = Tutorial P = Practical C = Credit A/P = Assignment/Presentation
 MT = Mid-Sem Test CE = Continuous Evaluation ESE = End Semester Exam

* Based on Exploration/ Excavation/ Field Excursion of two weeks minimum.



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B.A. (ARCHAEOLOGY AND MUSEOLOGY)**

CORE COURSES – DISCIPLINE SPECIFIC COURSE (DSC) - FOUR

CODE	SUBJECT TITLE	A/P	MT	CE	ESE	TOTAL	P.No.
BAM-C 101	An introduction to Archaeology	10	25	5	60	100	5
BAM-C 201	Principles of Museology	10	25	5	60	100	7
BAM-C 301	Pre Historic and Proto Historic cultures of India	10	25	5	60	100	9
BAM-C 401	Chalcolithic and Iron Age Cultures of India	10	25	5	60	100	11

DISCIPLINE SPECIFIC ELECTIVE (DSE) - ANY TWO

CODE	SUBJECT TITLE	A/P	MT	CE	ESE	TOTAL	P. No.
BAM-E 501	Ancient Indian Palaeography, Epigraphy and Numismatics	10	25	5	60	100	13
BAM-E 502	Bronze Age: Mesopotamia, Egypt and China	10	25	5	60	100	15
BAM-E 601	Ancient Indian Art and Architecture	10	25	5	60	100	17
BAM-E 602	World Pre-history	10	25	5	60	100	19

SKILL ENHANCEMENT ELECTIVE COURSE (SEC) - ANY FOUR

CODE	SUBJECT TITLE	A/P	MT	CE	ESE	TOTAL	P. No.
BAM-S 301	Archaeological Methods	10	25	5	60	100	21
BAM-S 302	Archaeology and Literature	10	25	5	60	100	23
BAM-S 401	Documentation and conservation techniques	10	25	5	60	100	25
BAM-S 402	Environmental Archaeology	10	25	5	60	100	27
BAM-S 501	Museum: Management and Security	10	25	5	60	100	29
BAM-S 502	Conservation and Preservation of Museum Objects	10	25	5	60	100	31
BAM-S 601	Heritage and Tourism	10	25	5	60	100	33
BAM-S 602	Application of Sciences in Archaeology	10	25	5	60	100	35

GENERIC ELECTIVE (GE) - ANY TWO

CODE	SUBJECT TITLE	A/P	MT	CE	ESE	TOTAL	P. No.
BAM-G 501	Basics of field Archaeology	10	25	5	60	100	37
BAM-G 502	Ancient Indian Art	10	25	5	60	100	39
BAM-G 601	Conservation, Preservation of Monuments and Museum objects	10	25	5	60	100	41
BAM-G 602	Indian History and Cultural Heritage	10	25	5	60	100	43

DISCIPLINE SPECIFIC COURSE (DSC)/ DISCIPLINE SPECIFIC ELECTIVE (DSE)- SIX

CODE	SUBJECT TITLE	A/P	MT	CE	ESE	TOTAL	P. No.
BAM-C 701	Heritage Management and Conservation	10	25	5	60	100	45
BAM-C 702	Collection Management	10	25	5	60	100	47
BAM-C 703	Museum Education and Public Relation	10	25	5	60	100	49
BAM-C 801	Museum: Presentation and work	10	25	5	60	100	51
BAM-C 802	Historical Archaeology	10	25	5	60	100	53
BAM-C 803	Ancient Indian Arts and Crafts	10	25	5	60	100	55

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PROGRAMME OUTCOMES (POs)

This course provides the basic ideas and concepts of Archaeology and Museology. Through this programme students will get knowledge about cultural development of human. The course intends to orient the student with the approaches to the discipline of Archaeology and Museology. Through this course, the students will get to know the archaeological methods and theories, pottery traditions, art and architecture sciences in archaeology and cultures of different periods. Student will also able to understand the stone age, bronze age and iron age cultures. Students will also get familiar with the elements of museology, conservation, preservation and restoration. They will learn about heritage management, historical archaeology, arts and crafts, heritage tourism, relation between archaeology and literature.

This course will provide a medium for students to undertake rational analysis of ancient cultures and develop an attitude of research in students. This will not only provide a brigade of logical ability to the students but also provide them employment opportunities.



BA- I year
DISCIPLINE SPECIFIC COURSE (DSC)
Code: BAM- C101
An Introduction to Archaeology

Semester-I
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Familiarize with the process of understanding the past.
- Discuss the origin and development of archaeology global as well as in Indian context.
- Evaluate the process of site formation and the nature of site.
- Understand antiquarian laws and process of conservation and preservation.

Course Outcomes

The students will able to:

- CO1** develop a strong foundation on the basic understanding and value of archaeology as a discipline.
CO2 illustrate relation of archaeology with sciences and social sciences.
CO3 learn conservation and preservation of artifacts.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

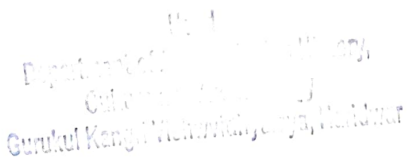
Unit-I	(a) Definition, Aims and scope of Archaeology (b) Archaeology as a source of history	(8 Lect.)
Unit-II	(a) History of Archaeology in global context (b) Developmental stages of Archaeology in India (c) Famous Archaeologists of India: A. Cunningham, J. Marshal, M. Wheeler, H.D.Sankalia, B.B. Lal	(11 Lect.)
Unit-III	(a) Relation of Archaeology with Social Science (b) Relation of Archaeology with Natural Science	(9 Lect.)
Unit-IV	(a) What is an Archaeological site? How it formed and transformed- Primary and Secondary (b) Requirement of Staff and Equipments in field Archaeology (c) Indian Antiquarian laws	(10 Lect.)
Unit-V	(a) Principles and importance of conservation and preservation in field Archaeology (b) Chemical treatments of organic and inorganic object	(7 Lect.)



References:

1. Chakrabarti, D.K., A History of Indian Archaeology.
2. John Kean, To Cherish and Conserve (The early years of Archaeological survey of India)
3. Raman, K. V., Principles and Methods of Archaeology.
4. Daniel, Glyn, E., The Origin and Growth of Archaeology.
5. Mishra, F., Researches in Archaeology and conservation.
6. Hendricks, Rhoda A., Archaeology made simple.
7. White, Anne terry, All about Archaeology.
8. Piggot, S., Approach to Archaeology
9. Hester, J.J., Introduction to Archaeology
10. Crowford, O.G.S., Archaeology in the Field
11. Roy, Sourindranath, The Story of Indian Archaeology (from 1784-1947)
12. Sankalia, H.D., *Puratattv parichay*, daccan college, Puna.
13. Puri, Baijnath, *Bhartiy puratattva*, kitab mahal, Allahabad.
14. Pandey, Rakesh Prakash, *Bhartiya Puratattva*.
15. Ojha, Ramprakash, *Puratattva Vigyan*, Pratham khand, Prakashan, Sitapur Road, Lucknow.
16. Wheeler, R.I. E. M., *Prithvi se puratattva*, Hindi madhyam karyanvayan, Delhi University.
17. Singh, K. P., *Puratattva Meemansa*.
18. Pandey, Jaynarayana, *Puratattva Vimarsh*, Prachya vidya sansthan, Allahabad.
19. Sahay, Shivswaroop, *Bhartiya puratattva ke prishtha*, Avinash, Allahabad.
20. Chaube, Ramesh, *Puratattvik Manav Vigyan*.
21. Thapliyal, Kiran Kumar, ewm Shukla, S. P., *Puratattva ke rochak prasang*.
22. Singh, Madanmohan, *Puratattva ki Rooprekha*.
23. Sharma, Dev Prakash, Madhuri, bhatt, *Bharat ka Puratattva*, Pratibha Prakashan, Delhi.

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A faint, circular stamp is visible at the bottom left of the page. The text within the stamp is mostly illegible but appears to include the words "Gurukul Kangri Vishwavidyalaya, Haridwar".

BA- I year
DISCIPLINE SPECIFIC COURSE (DSC)
Code: BAM- C201
Principles of Museology

Semester-II
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Focus on the meaning and scope of museum along with a brief description of its history.
- Deals with the type, fundamentals, role and function of the museum.
- Learn the emerging trends in Museology.
- Understand the various national and International Legislatures for museum.

Course Outcomes

The students will able to:

CO1 develop the understanding about museum and the concept of museum studies.

CO2 illustrate various works of museum.

CO3 learn about various types of museums and their functions.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	(a) Definition of Museum and Museology (b) Principles and Importance of New-Museology (c) Museum as a centre of cultural studies	(7 Lect.)
Unit-II	(a) History of Museology: Global and Indian Context (b) Classification of Museum	(7 Lect.)
Unit-III	Works of Museum (a) Primary work: Collection, Documentation, Conservation, Presentation, Education, Research and Publication (b) Secondary works: Management	(11 Lect.)
Unit-IV	Some selected Museums: (a) National Museum, New Delhi (b) State Museum, Mathura (c) Indian Museum, Kolkata (d) Sarnath Museum, Varanasi (e) Archaeological Museum, Gurukula Kangri University, Haridwar	(9 Lect.)
Unit-V	(a) National and International Legislative measures of Museum (b) Role of International council of Museum(ICOM)	(11 Lect.)



References:

1. North, F. J., *Museum levels*, London.
2. Aiyappan, A. and Satyamurti, S.T., *Hand book of Museum technique*, Madras, Govt.
3. Rai Chaudhary, Anil, *National standards for cataloging and indexing art. Museum objects and documentation*, Muvaa press, Hyderabad.
4. Baxi, S. J., *Modern Museum*, Hindu book house, New Delhi.
5. Biswas, T. K., *Museum and Education*, New Age
6. Shivmurti, Murti, C., *Directory of Indian Museum*.
7. Nigam, M. L., *Fundamentals of Museology*, Hyderabad, Navhind.
8. Sahay, Shivswaroop, *Sangrahalaya ki aor*, Banarasidas, Delhi.
9. Ray, Agrawal ewm Chaudhary, *Sangrahalaya amushilan*.
10. Shukl, Girishchandr ewm Pandey Vimlesh, *Sangrahalaya Vigyan*, Motilal Banarasidas, Delhi.



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BA- II year
DISCIPLINE SPECIFIC COURSE (DSC)
Code: BAM- C301
Pre- Historic and Proto-Historic Cultures of India

Semester-III
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Establish Prehistoric foundation of India from lower Palaeolithic to Neolithic.
- Familiarized to the basic outline of the Prehistoric art.
- Understand facets of Harappan civilization.

Course Outcomes

The students will able to:

- CO1** develop a basic understanding of Palaeolithic cultures in India.
CO2 examine the origin, development and decline of Harappa civilization.
CO3 learn basic characteristic features of Harappan culture .

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	(a) Characteristics of Lower Palaeolithic culture of India (b) Characteristics of Middle Palaeolithic culture of India (c) Characteristics of Upper Palaeolithic culture of India	(10 Lect.)
Unit-II	(a) Characteristics of Mesolithic culture of India (b) Palaeo-Art of India	(8 Lect.)
Unit-III	(a) Neolithic culture of India (b) Major excavated sites: Mehargarh, Burjhom, Pikklial and Uttanur	(7 Lect.)
Unit-IV	(a) Pre Harappan Culture of India (b) Major excavated sites: Banawali, Kalibangan, Dholavira	(9 Lect.)
Unit-V	(a) Origin and development of Harappan Culture (b) Characteristic features of Harappan Culture (c) Decline of Harappan Culture	(11 Lect.)




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References:

1. Agrawal, D. P., The Archaeology of India.
2. Chakrabarti, D. K., India an Archaeological History Palaeolithic (Beginning to early Historic foundations).
3. Sankalia, H. D., Aspects of Indian Archaeology, P.P. Allahabad.
4. Sankalia, H. D., The Prehistory and Protohistory of India and Pakistan.
5. Sankalia, H. D., Stone Age Tools: Their names, techniques and probable function.
6. Sankalia, H. D., Indian Archaeology today, Bombay, Asia pub. House.
7. Lal, B. B., Indian Archaeology since independence, Delhi.
8. Dhavalikar, M. K., Indian Protohistory.
9. Ghosh, A (ed.), An Encyclopaedia of Indian Archaeology, Vols. I and II (relevant portions).
10. Sankalia, H.D., *Puratattv parichay*, daccan college, Puna.
11. Puri, Baijnath, *Bhartiy puratattva*, kitab mahal, Allahabad.
12. Pandey, Rakesh Prakash, *Bhartiya Puratattva*.
13. Ojha, Ramprakash, *Puratattva Vigyan*, Pratham khand, Prakashan, Sitapur Road, Lucknow.
14. Singh, K. P., *Puratattva Meemansa*.
15. Pandey, Jaynarayana, *Puratattva Vimarsh*, Prachya vidya sansthan, Allahabad.
16. Sahay, Shivswaroop, *Bhartiya puratattva ke prishtha*, Avinash, Allahabad.
17. Chaube, Ramesh, *Puratattvik Manav Vigyan*.
18. Thapliyal, Kiran Kumar, ewm Shukla, S. P., *Puratattva ke rochak prasang*.
19. Singh, Madanmohan, *Puratattva ki Rooprekha*.
20. Sharma, Dev Prakash, Madhuri, bhatt, *Bharat ka Puratattva*, Pratibha Prakashan, Delhi.
21. Goyal, Shreeram, *Pragaitihasi Manav Aur Sanskritiyan*.
22. Majumdar, D.N. ewm Gopal sharan, *Pragaitihasi*, delhi university, hindi madhyam karyanvayan nideshalaya.
23. Verma, Radhakant, *Bhartiya Pragaitihasi*.
24. Agrawal, dharmpal ewm pannalal, *Bhartiya pura aitihasi puratattva*.
25. Gorden, D.H., *Bhartiya sanskriti ki pragaitihasi prishthbhumi*.
26. Jaiswal, vidula, *Bharitya itihasi ke aadi charan ki rooprekha*.
27. Jaiswal, vidula, *Bharitya itihasi ka Madhya prastar yug*.
28. Jaiswal, vidula, *Bharitya itihasi ka nav prastar yug*.
29. Sahay, shivswaroop, *Bhartiya puratattva ke Prishth*, Avinash Prakashan, Allahabad.
30. Shukla, Girishchandr ewm Pandey Vimlesh Kumar, *Praag ewm Pragaitihasi Bhartiya Puratattva*, Motilal Banarasidas, Delhi.

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BA- II year
DISCIPLINE SPECIFIC COURSE (DSC)
Code: BAM- C401
Chalcolithic and Iron Age Cultures of India

Semester-IV
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Learn rural Chalcolithic cultures, sites and their characteristics.
- Familiarized with antiquity of Iron and associated cultures.
- Acquaint the cultural sequences.

Course Outcomes

The students will able to:

CO1 develop a basic understanding of Other Chalcolithic Cultures in India.

CO2 examine about importance of Iron in cultural development.

CO3 learn basic characteristic features of excavated sites.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

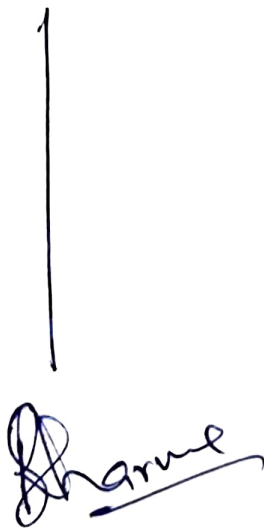
Unit-I	Other Chalcolithic Culture-I: (a) Ahar Culture (b) Kayatha Culture (c) Jorwe Culture	(12 Lect.)
Unit-II	Other Chalcolithic Culture-II: (a) Malwa Culture (b) Copper hoard and Ochre colour pottery	(10 Lect.)
Unit-III	Iron Age Culture: (a) Antiquity of Iron in India (b) Painted Grey ware Culture (c) Types and features of Megalithic Culture of Vidarbha and South India	(11 Lect.)
Unit-IV	Selected Chalcolithic and Iron Age Sites: (a) Maheshwar-Navdatoli (b) Nevasa (c) Ahicchatra (d) Hastinapur (e) Arikamedu	(12 Lect.)



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References:

1. Allchin, F. R., The Archaeology of early historic south Asia.
2. Chakrabarti, D. K., India an Archaeological History Palaeolithic Beginning to early Historic foundations.
3. Chakrabarti, D. K., The Archaeology of Ancient Indian cities.
4. Chakrabarti, D. K., A History of Indian Archaeology.
5. Sankalia, H. D., Aspects of Indian Archaeology, P.P. Allahabad.
6. Sankalia, H. D., The Prehistory and Protohistory of India and Pakistan.
7. Srivastava, K. M., New era of Indian Archaeology.
8. Sahi, M. D. N., Aspects of Indian Archaeology, P.P. Allahabad.
9. Sinha, B. P. (Ed.), Potteries in Ancient India.
10. Agrawal, D. P., The Archaeology of India.
11. Tripathi, Vibha, Painted Grey ware: An iron Age Culture of Northern India.
12. Lal, B. B., Indian Archaeology since independence, Delhi.
13. Das, S. R., An Approach to Indian Archaeology, Bharat Bharti.
14. Dhavalikar, M. K., Indian Protohistory.
15. Dhavalikar, Historical Archaeology of India.
16. Ghosh, A (ed.), An Encyclopaedia of Indian Archaeology, Vols. I and II (relevant portions).
17. Sankalia, H.D. et.al. Chalcolithic Navdatoli
18. Sali, S.R., Daimabad
19. Sankaliya, H.D., *Puratattv parichay*, daccan college, Puna.
20. Puri, Baijnath, *Bhartiy puratattva*, kitab mahal, Allahabad.
21. Pandey, Rakesh Prakash, *Bhartiya Puratattva*.
22. Ojha, Ramprakash, *Puratattva Vigyan*, Pratham khand, Prakashan, Sitapur Road, Lucknow.
23. Wheeler, R.I. E. M., *Prithvi se puratattva*, Hindi madhyam karyanvayan, Delhi University.
24. Singh, K. P., *Puratattva Meemansa*.
25. Pandey, Jaynarayana, *Puratattva Vimarsh*, Prachya vidya sansthan, Allahabad.
26. Sahay, Shivswaroop, *Bhartiya puratattva ke prishtha*, Avinash, Allahabad.



Hood
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BA- III year
Discipline Specific Elective (DSE)
Code: BAM- E501

Ancient Indian Palaeography, Epigraphy and Numismatics

Semester-V
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Learn origin and development of writing in India.
- Familiarized with various inscriptions from Mauryan to early medieval history.
- Explain the history of coins and its manufacturing techniques.

Course Outcomes

The students will able to:

CO1 decipher, read scripts and identify the coins.

CO2 interpret the inscription in its socio-politico-religious and economical context.

CO3 understand the socio-political background through the coinage and getting holistic picture of the economic system.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	(a) Importance of epigraphy to reconstruct the history (b) Antiquity of writing in India	(7 Lect.)
Unit-II	(a) Ashoka 12 th and 13 th inscription from Kalsi (b) Besangar Pillar inscription of Heliodorus (c) Junagarh inscription of Rudradaman	(11 Lect.)
Unit-III	(a) Prayag prasati of Samudra Gupta (b) Aihole inscription of Pulkeshin-II (c) Uttarmeru inscription of Parantak-I	(9 Lect.)
Unit-IV	(a) Coins as a source of History (b) Origin and development of coinage in India (c) Punched Marked Coins in India	(8 Lect.)
Unit-V	(a) Coins of Indo-Greeks (Menander and Demetrius) (b) Coins of Kushanas (c) Coins of Samudragupta and Chandragupta-II	(10 Lect.)



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12. Altekar, A.S., Gupta gold coins of Bayana hoard.
13. Cunningham, A., Coins of the Indo - Scythians, Sakas and Kushanas.
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18. Dev, K.K., The Indo-Greek coin types.
19. Fleet, J.F., *Bhartiya abhilekh sangrah*.
20. Vajpayi, K.D, Vajpayi, Santosh, *Aitihāsik bhārtiya abhilekh*.
21. Gupt, P.L., *Prachin bhārat ke pramukh abhilekh*, part 1,2
22. Pandey, rajbali, *Ashok ke abhilekh*.
23. Pandey, rajbali, *Bhartiya puralipi*.
24. Narayan, awadh Kishore ewm Shukla, manishankar, *Prachin bhārtiya abhilekh sangrah*, vol 1-2
25. Upadhyay, vasudev, *Gupt abhilekh*, bihar hindi granth akadami, patna.
26. Upadhyay, vasudev, *Prachin bhārtiya abhilekho ka Adhyayan*.
27. Ray, S.N., *Bhartiy puralipi ewm abhilekh*.
28. Ojha, gauri Shankar heera nand, *prachin bhārtiya lipimala*.
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31. Gupt, P.L., *Prachin bhārtiya mudrayen*.
32. Gupt, P.L., *Bharat ke purvkalik sikke*.
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BA- III year
Discipline Specific Elective (DSE)
Code: BAM- E502
Bronze Age: Mesopotamia, Egypt and China

Semester-V
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Develop the knowledge of early Bronze Age Civilizations in Egypt, Mesopotamia and China.
- Critically evaluate the process of political structures and administration.

Course Outcomes

The students will be able to:

- CO1 understand the concept of civilizations.
CO2 learn about the political structure of Egypt, Mesopotamia and China.
CO3 Articulate about political relation, rules and laws in contemporary period.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

-
- UNIT-I Understanding Early Civilizations: (10 Lect.)**
(a) Concepts of Civilization, Bronze Age and Urbanism.
(b) Archaeological and Textual sources.
- UNIT-II Political Structures of Egypt: (13 Lect.)**
(a) Pre-dynastic to Nomarchs and Necropolis Egypt.
(b) Political relations and administration, rules and laws.
(c) Pyramids- Giza Pyramid complex
- UNIT-III Political Structures of Mesopotamia: (12 Lect.)**
(a) Ubaid to Uruk Period – regional cultures of Hasunna, Halaf etc. emergence of cities and city states, unification of city states - Sumerian and Akkadian Civilizations
(b) Political relations and administration, rules and laws
- UNIT-IV Political Structures of China: (10 Lect.)**
(a) Regional cultures of yellow river valley – Yangzhou, Longshan etc. Bronze Age China and Shang Dynasty.
(b) Political relations and administration, rules and laws.



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Department of Archaeology
Culture and Heritage
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BA- III year
Discipline Specific Elective (DSE)
Code: BAM- E601
Ancient Indian Art and Architecture

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

Course Objectives

Students will extend their abilities to:

- Focus on the Palaeolithic-art and rock cut art of various periods.
- Critically examine the styles of temples.
- Learn about Buddhist art and architecture.
- Create sense of understanding about legacy of major architectural forms of Hindu and Buddhist monuments.

Course Outcomes

The students will able to:

- CO1** understand the forms of art and archetecture.
CO2 learn about the types of temples.
CO3 Articulate knowledge about Stupas, Chaityas and Viharas.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	(a) Prehistoric painting: Bhimbetaka and Adamgarh (b) Maurya and Sunga Art	(7 Lect.)
Unit-II	(a) Wall paintings: Ajanta and Bagh (b) Mathura and Gandhara school of Art	(8 Lect.)
Unit-III	(a) Harappan Architecture (b) Rock cut Architecture (Sangharam and Chaitya)	(7 Lect.)
Unit-IV	(a) Stupa Architecture: Sanchi and Bharhut (b) Styles of temple Architecture: Nagar, Dravid and Besar	(9 Lect.)
Unit-V	Some selected temples: (a) Parvati temple of Nachna Kuthara, Dasavatara temple of Deogarh (b) Lingaraja temple and Sun temple of Konark (c) Kailash temple of Ellora, Kandariya Mahadeva and	(14 Lect.)



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25. Agrawal, vasudevsharan, *Bhartiya kala*.
26. Ahrawal, prithvi kumar, *prachin bhartiya kla ewm vastu*.
27. Kumar, prabhat, *Uttar Bharat ke pramukh mandir vastukla – ek Adhyayan*.
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29. Agrawal, V.S., *Gupt kala*.
30. Bajpeyi, K.D., *Bhartiya Kala*.



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BA- III year
Discipline Specific Elective (DSE)
Code: BAM- E602
World Pre-history

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

Course Objectives

Students will extend their abilities to:

- The major prehistoric cultural development in most part of the world from the very beginning of human origin.
- Critically examine the major theoretical and methodological issues of prehistoric study.
- Correlate the geological time frame and its association with prehistoric cultures.

Course Outcomes

The students will be able to:

- CO1** Examines the archaeological evidence of the prehistoric culture throughout the world.
CO2 Evaluate the contemporary hominid and their settlement patterns.
CO3 Articulate about tool technology and prehistoric art.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

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|-----------------|--|-------------------|
| Unit-I | | (9 Lect.) |
| | (a) Pre-history: Meaning, Methods, principles and development. | |
| | (b) Geological time frame, cultural sequence Prehistory, Human antiquity and fossil records. | |
| Unit-II | | (10 Lect.) |
| | (a) Lower Palaeolithic Cultures: Africa, Europe and West Asia. | |
| | (b) Tool Technology: Pebble tools, Acheulian and Non-Handaxe industries. | |
| | (c) Hominid Fossils: Early hominid and its Settlement patterns. | |
| Unit-III | | (8 Lect.) |
| | (a) Pre-historic Culture: China and Southeast Asia. | |
| | (b) Lower Palaeolithic Culture: China and Southeast Asia. | |
| Unit-IV | | (10 Lect.) |
| | (a) The Middle and Upper Palaeolithic cultures of Europe. | |
| | (b) Stratigraphy, Chronology and Hominid fossil records. | |
| Unit-V | | (8 Lect.) |
| | (a) Modern human expansion and migration from Europe. | |
| | (b) Upper Palaeolithic Culture and Art of Europe. | |


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BA-II Year
Skill Enhancement Course (SEC)
Code: BAM- S301
Archaeological Methods

Semester-III
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Illustrate the archaeological investigation from the discovery of sites to their excavation and analysis of the recovered archaeological evidence.
- Learn the practical methods of doing Archaeological work.
- Understand the field methods including excavation techniques.

Course Outcomes

The students will able to:

- CO1** Focus on the archaeological techniques.
CO2 Understand the concept of Stratigraphy for understanding the cultural sequences.
CO3 Articulate their knowledge in dating techniques.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I

- (a) Meaning, Aims and objectives Exploration. (10 Lect.)
(b) Types of Exploration: Traditional and Scientific Methods.

Unit-II

- (a) Objectives and techniques of Excavation. (14 Lect.)
(b) Types of Excavation: Horizontal and Vertical.

Unit-III

- (a) Concepts, process and importance of Stratigraphy in Archaeology. (13 Lect.)
(b) Stratigraphy: Causes and formation of layers, their nature and order identification and recording of strata.

Unit-IV

- (a) Relative Dating techniques. (12 Lect.)
(b) Absolute Dating techniques.

Unit-V

- (a) Methods and importance of recording of excavated remains, preparation of section, Harris Matrix and 3D recording. (11 Lect.)
(b) Recording methods: Drawing and Photography.



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19. Singh, K. P., *Puratattva Meemansa*.
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BA-II Year
Skill Enhancement Course (SEC)
Code: BAM- S302
Archaeology and Literature

Semester-III
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Deals with the importance of archaeological and literary sources.
- Inculcate knowledge of various theories and problems with literature and archaeological evidence.
- Understand the various cultures and its association.

Course Outcomes

The students will able to:

- CO1** Evaluate the knowledge of archaeological and literary sources.
CO2 Examine the process of history writing through the sources.
CO3 Articulate their knowledge about ancient scripts.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	(15 lect.)
(a) Early Literary Sources and Archaeological Records	
(b) Early writing in India – Archaeological and Literary perspective	
(c) Limitations of Archaeological and Literary sources	
Unit-II	(16 lect.)
(a) Vedic texts and Harappan: theories and problems	
(b) The Later Vedic Texts, Buddhist and Jain Texts	
(c) Importance of archaeological and literary sources in India	
Unit-III	(14 lect.)
(a) Bronze age cultures	
(b) Painted Grey Ware culture	
(c) Iron age and NBPW culture	
Unit-IV	(15 lect.)
(a) Brahmi and Kharosti scripts- origin and development	
(b) The Great Epics and their problems of dating	
(c) Material culture of the epics	



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BA-II Year
Skill Enhancement Course (SEC)
Code: BAM- S401
Documentation and Conservation techniques

Semester-IV
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Deals with the importance of documentation and conservation techniques of museum objects.
- Inculcate knowledge of various methods of handling different objects.
- Understand the significance of scientific laboratory in museums.

Course Outcomes

The students will able to:

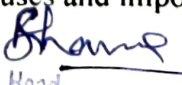
- CO1** Formulate, care and preserve of different museum objects.
CO2 Appraise scientific temperament of understanding about museum.
CO3 Articulate their knowledge in acquisition, accession and de-accession of objects.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	(10 Lect.)
(a) Methods of Acquisition of objects for Museum	
(b) Cataloguing the objects	
Unit-II	(8 Lect.)
(a) Principles and Importance of Documentation	
(b) Documentation Policy. Manual and Digital Documentation Practices	
Unit-III	(15 Lect.)
(a)Preparation of Index cards	
(b)Preparation of Records and registers	
(c)Accessioning and De- accessioning	
Unit-IV	(13 Lect.)
(a) Conservational problem in Museum objects	
(b) Natural and Human made problem for object deterioration	
Unit-V	(14 Lect.)
(a) Definition of Preservation of Museum objects, its uses and importance	
(b) Study of Scientific laboratory in Museums	


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BA-II Year
Skill Enhancement Course (SEC)
Code: BAM- S402
Environmental Archaeology

Semester-IV
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- How human species have adapted to different environmental conditions in the past.
- Reconstruct palaeo-environmental conditions.
- Understand the bio-cultural evolution related with environmental changes.

Course Outcomes

The students will be able to:

- CO1 learn methods of environmental archaeology.
CO2 Appraise geological time scale with different parameters.
CO3 Articulate their knowledge with man-land relationship.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	(8 Lect.)
(a) Environmental Archaeology: Nature and Scope	
(b) Development of Environmental Archaeology	
(c) Man-land relationships	
Unit-II	(9 Lect.)
(a) Geological Time Scale	
(b) Quaternary Period: Pleistocene and Holocene	
(c) Zonal Concept of Environment	
Unit-III	(10 Lect.)
(a) Methods Study of Quaternary Period:	
-Glacial	
-Fluvial	
-Aeolian	
-Marine	
-Lacustrine	
Unit-IV	(9 Lect.)
(a) Himalayan Rivers	
(b) Central and Western Indian Aeolian Stratigraphy	
Unit-IV	(8 Lect.)
(a) Himalayan Rivers	
(b) Central and Western Indian Aeolian Stratigraphy	



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BA-III Year
Skill Enhancement Course (SEC)
Code: BAM- S501
Museum: Management and Security

Semester-V
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Understand Museum administration.
- Learn the methods of care and security of museums.
- Identify the planning and policies.

Course Outcomes

The students will able to:


- CO1** learn mechanism museum management.
CO2 Appraise the fundamentals of establishment of museums.
CO3 Articulate the transportation techniques of museum objects.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

-
- Unit-I** Museum administration: **(6 Lect.)**
(a) Controlling committee, advisory board, purchasing committee and director
(b) Work manual of Museum staff and Budget of Museum
- Unit-II** Museum Architecture: **(12 Lect.)**
(a) Concept and Planning of museum building: Gallery, Library, Washroom, Garden, Lawn, Parking and Auditorium.
(b) Restricted area for Museum building: Store room, Laboratory, Photo studio and Administrative office
- Unit-III** Museum Security: **(7 Lect.)**
(a) Internal and external security
(b) Methods of security: Manual and Mechanical
- Unit-IV** General Maintenance of Museum: **(11 Lect.)**
(a) Proper light, temperature and humidity for object upkeep
(b) Packing, loading and unloading at the time of journey
- Unit-V** **(9 Lect.)**
(a) Museum's policy and planning
(c) Insurance of Museum objects and reserve collection


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BA-III Year
Skill Enhancement Course (SEC)
Code: BAM- S502
Conservation and Preservation of Museum Objects

Semester-V
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

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

Course Outcomes

The students will able to:

CO1 learn importance of conservation and preservation.

CO2 Appraise the process of deterioration and treatments of object.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I

- (a) Principles of conservation and preservation (9 Lect.)
(b) Types of conservation

Unit-II

- (a) Causes of Bio-deterioration (11 Lect.)
(b) Techniques for remedial measures of Bio-deterioration

Unit-III

- (a) Causes of deterioration of Wood, Paper and Textile (13 Lect.)
(b) Techniques of treatment and preservation

Unit-IV

- (a) Causes of deterioration of Ivory, Bone and Leather (14 Lect.)
(b) Techniques of treatment and preservation

Unit-V

- (a) Causes of deterioration of Iron, Copper and Silver (13 Lect.)
(b) Techniques of treatment and preservation



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BA-III Year
Skill Enhancement Course (SEC)
Code: BAM- S601
Heritage and Tourism

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

Course Objectives

Students will extend their abilities to:

- Unravel the legacy of glorious past of tangible and intangible cultural heritage
- Understand the philosophical foundation of Indian culture.
- Learn various antiquarian laws and how it governs to protect the built heritage. The prime objective to offer this course is to acquaint various dimensions of heritage.
- Inculcate knowledge how heritage is useful in tourism industry.

Course Outcomes:

The student will be able to:

- CO1 Learn about the concept and characteristics of heritage.
CO2 Estimate the mode of tangible and intangible heritage.
CO3 Comprehend Antiquarian laws for the protections of heritage properties.
CO4 Know the art heritage of India.
CO5 Enhance their skill in Tourism industry.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

-
- Unit-I Heritage :Meaning and Components:** (11 Lect.)
(a) Definition, concepts and characteristics of Heritage
(b) Types of Heritage :Tangible and Intangible
- Unit-II Foundation of Indian Heritage:** (10 Lect.)
(a) Indus Valley Civilization and Early Vedic culture
(b) Later Vedic culture
- Unit-III Heritage:** (13 Lect.)
(a) Tangible :Monuments of National importance, world heritage monuments in India
(b) Intangible :Traditions, rites, rituals, legends, folklores etc.
- Unit-IV Elements of Tourism:** (14 Lect.)
(a) Scope, Potential and Advantages of tourism in India.
(b) Tourism: Types and Management.
(c) Tourism Promotion: Advertising, Publicity, Public relations and Travel literature.
- Unit-V Facets of Tourism:** (12 Lect.)
(a) Tourism as Industry and Economy.
(b) National and International organizations – IUOTO, WTO, PATA, ATA, ICAO.

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BA-III Year
Skill Enhancement Course (SEC)
Code: BAM- S602
Application of Sciences in Archaeology

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

Course Objectives

Students will extend their abilities to:

- Unravel various scientific disciplines applied in archaeological research.
- Understand the application of different methods being adopted for types of artifacts.
- Enhance their knowledge in geo-archaeological science.

Course Outcomes:

The student will be able to:

- CO1** Learn about the basic tools and techniques of various categories of artefacts.
- CO2** Comprehend their knowledge in the fields of various scientific branches which are useful for archaeological studies.
- CO3** Enhance their skill in the field archaeology.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents


Unit-I	(15 Lect.)
<ul style="list-style-type: none">(a) Importance of Sciences in Archaeological Research.(b) Classification of Stone tools and Pottery.	
Unit-II	(16 Lect.)
<ul style="list-style-type: none">(a) Study of Archaeobotany and Palynology remains.(b) Scope and objectives of Archaeozoology and Palaeontology.(c) Classification of animal world and Mammalian osteology.	
Unit-III	(14 Lect.)
<ul style="list-style-type: none">(a) Study of Human osteology(b) Determination of Age, sex and demography(c) Paleopathology	
Unit-IV	(15 Lect.)
<ul style="list-style-type: none">(a) Importance of geo-archaeology.(b) Types of Rocks and Minerals.(c) Formation of river terraces.(d) Weathering of rocks.	



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BA-III Year
Generic Elective (GE)
Code: BAM- G501
Basics of Field Archaeology

Semester-V
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Familiarize with the process of understanding the past.
- Discuss the origin and development of archaeology global as well as in Indian context.
- Evaluate the process of site formation and the nature of site.
- Understand antiquarian laws and process of conservation and preservation.

Course Outcomes

The students will able to:

- CO1** develop a strong foundation on the basic understanding and value of archaeology as a discipline.
CO2 illustrate relation of archaeology with sciences and social sciences.
CO3 learn conservation and preservation of artifacts.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	(a) Definition and scope of Archaeology. (b) History of Indian Archaeology from the 19 th century till the present.	(15 Lect.)
Unit-II	(a) Relation of Archaeology with Social Sciences. (b) Relation of Archaeology with Natural Sciences.	(17 Lect.)
Unit-III	(a) Field discoveries: Aims, objectives and methods of Exploration of Archaeological sites. (b) Requirement of staff and equipments in field Archaeology.	(19 Lect.)
Unit-IV	(a) Unearthing the sites: Selection of Site for excavations, Layout technique and importance of Stratigraphy. (b) Excavation methods: Vertical and Horizontal.	(21 Lect.)
Unit-V	(a) Principles of conservation and preservation. (b) Importance of conservation and preservation in Field Archaeology.	(18 Lect.)



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BA-III Year
Generic Elective (GE)
Code: BAM- G502
Ancient Indian Art

Semester-V
Max. Marks -60
Time- 3 Hrs

Course Objectives

Students will extend their abilities to:

- Focus on the Harappan art.
- Critically examine the types of art form.
- Learn about Buddhist art.

Course Outcomes

The students will able to:

- CO1** understand the forms of art.
CO2 learn about the patronage and common man art .
CO3 Articulate about schools of ancient Indian art.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	Harappan Art (Stone, Terracotta and Metal figures)	(17 Lect.)
Unit-II	Mauryan Art (Pillars and Capitals), Early Yaksha figures	(16 Lect.)
Unit-III	Sunga and Satvahana Art -Bharhut, Sanchi, and Amravati.	(18 Lect.)
Unit-IV	Art of Kushana period- Mathura and Gandhara School of Art	(20 Lect.)
Unit-V	Art of Gupta Period- Mathura, Sarnath and Deccan style	(19 Lect.)



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

Conservation & Preservation of Monuments and Museum objects

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

Course Objectives

Students will extend their abilities to:

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

Course Outcomes

The students will be able to:

CO1 learn importance of conservation and preservation.

CO2 Appraise the process of deterioration and treatments of object.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

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



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11. Agrawal, O.P., Recent Trends in Conservation of art heritage, Agam Kala Prakashan, New Delhi.
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BA-III Year
Generic Elective (GE)
Code: BAM- G602
Indian History and Cultural Heritage

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

Course Objectives

Students will extend their abilities to:

- Understand the relationship between human and environment.
- Learn about the concept and elements of urbanization.
- Inculcate knowledge of social imbalance.
- Enhance their knowledge about cultural heritage and popular culture.

Course Outcomes:

The student will be able to:

- CO1 Learn about the concept of interdependence relationship of environment and human.
CO2 Grasp significant aspects of culture in the Indian context.
CO3 Derive differences in cultural types and cultural expressions on societies.
CO4 Identify the themes and characters belonging to the various cultural forms.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

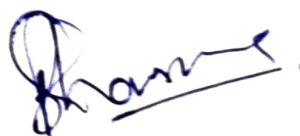
Unit-I	Environment, Culture and Practices: (a) Historical outlines (b) Oral and codified information on medicinal plants (c) Water and water bodies	(18 Lect.)
Unit-II	Urbanization and Urbanism: (a) Issues of settlements and Landscapes (b) Social differentiations (c) Communication network	(19 Lect.)
Unit-III	Social inequality and Gender: (a) Status within Households: An Overview (b) Present context (c) Issues of Violence (d) Employment, distribution of resources	(20 Lect.)
Unit-IV	Cultural Heritage: (a) Main Components (b) Built Heritage (c) Historical Tourism	(17 Lect.)
Unit-V	Cultural Forms and Cultural Expressions: (a) Performing Arts (b) Fairs and Festivals (c) Fieldworks	(16 Lect.)



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Department of Art and Culture
Gurukul Kangri Vishwavidyalaya, Haridwar

B.A. IV Year
Discipline Specific Core
BAM-C701
Heritage Management and Conservation

Semester – VII
Max. Marks – 60
Time – 3 hours

Course Objectives

Students will extend their abilities to:

- Basic concepts of heritage management.
- Historical background and struggle of heritage management along with its concerned organizational efforts and legal provisions.

Course Outcomes

The students will able to:

- CO1** Trained in conceptual understanding of heritage management.
CO2 Aware themselves with current problems and issues of heritage management.
CO3 Learn the structure of various government organizations working for heritage protection.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

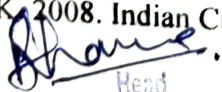
-
- Unit-I** (24Lect.)
(a) Introduction of Heritage Management: Definition, Need and Scope.
(b) Terminology: Preservation, Restoration and Conservation
(c) Cultural Heritage and Human Rights
(d) Introduction to Cultural Resource Management
- Unit-II** (22 Lect.)
(a) Modern techniques of Conservation, Preservation and Restoration.
(b) Heritage Protection and Conservation Movement in India
(c) Role of UNESCO, ICOMOS and ICCROM for heritage protection.
- Unit-III** (23 Lect.)
(a) Public Participation and Social Responsibility towards heritage.
(b) Role of Government Agencies and Non-Governmental Organization for heritage protection.
(c) Threat to Heritage: Armed Conflict, Natural Disaster, Industrialization and Urbanization, Illicit Practices and Smuggling.
- Unit-IV Institutions for Heritage Protection:** (21 Lect.)
(a) Asiatic Society
(b) Indian Museum
(c) National Archives of India
(d) Archaeological Survey of India
(e) Anthropological Survey of India
(f) Indian Council for Cultural Relations (ICCR).



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References:

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B.A. IV Year
Discipline Specific Core
BAM-C702
Collection Management

Semester – VII
Max. Marks – 60
Time – 3 hours

Course Objectives

Students will extend their abilities to:

- Learn basic concepts of objects collection techniques and ethics for museums.
- Understand the process of documentation and storage measures for museum collection.
- Inculcate their knowledge of exhibition types and policies

Course Outcomes

The students will able to:

CO1 Focus on conceptual understanding of documentation and presentation of artifacts in the museum.

CO2 Understand the method of collection and storage and its display in a scientific manner.

CO3 Learn the various types of exhibitions and its theoretical aspects.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I

(16 Lect.)

- (a) Methods of Collection: Purchase, Loan, Exchange, Donation, Gift, Bequest, Exploration, Excavation etc.
- (b) Policies and Ethics of Collection.

Unit-II

(19 Lect.)

- (a) Documentation: Meaning, Objectives and Techniques of Museum Documentation.
- (b) Manual and Digital Documentation Practices.

Unit-III

(20 Lect.)

- (a) Numbering System: Simple, Bipartite and Tripartite.
- (b) Types of Documents: Field book, Accession register, Sectional Register, Cataloguing, Index Card, Movement register.

Unit-IV

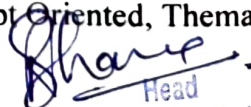
(17 Lect.)

- (a) Storage: Purposes and Methods.
- (b) Safety and security of Museum collection.

Unit-V

(18 Lect.)

- (a) Exhibition: Types (Permanent/Temporary/ Travelling), Policies, Ethics, Planning and Layout.
- (b) Types of Exhibitions: Object and Concept Oriented, Thematic, Contextual and Chronological.


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References:

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B.A. IV Year
Discipline Specific Core
BAM-C703
Museum Education and Public Relation

Semester – VII
Max. Marks – 60
Time – 3 hours

Course Objectives

Students will extend their abilities to:

- Learn basic concepts of museums towards public welfare.
- Understand the process and role of museum for extension activities.
- Inculcate their knowledge of Museum management.

Course Outcomes

The students will able to:

CO1 Get acquainted with the educational role of Museum through various programmes.

CO2 Understand the publication, public relations and critical issues facing in the field.

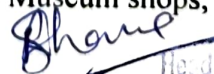
CO3 Learn the various types of demonstration of museum in public.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

-
- Unit-I Museum Education: (17 Lect.)**
- (a) Museum as an educational institution. Role of Museum in Formal and Informal learning.
- (b) Stakeholders of museum-School and College Students, Researchers, Teachers and *Divyang*.
- Unit-II Extension activities- Theory and Method: (19 Lect.)**
- (a) Travelling and Mobile Exhibition (Museobus), Community programmes, Excursions, Field trips, Heritage walks etc.
- (b) Guide tours, talks, storytelling, workshop, demonstration, drama, discovery-based activities.
- Unit-III Museum Publication: (16 Lect.)**
- (a) Types of Publication: (Popular, Administrative and Scholarly); Folder, Catalogues, Periodicals, Books, Posters, Post-cards, Annual Reports, Journals.
- Unit-IV Public Relation: (20 Lect.)**
- (a) General Principles. Liaison with outside experts, Cooperation with mass media, Public comfort and convenience.
- (b) Membership organization and friends of the museum, Volunteer Groups, Docent Service.
- Unit-V Museum Amenities: (18 Lect.)**
- (a) Parking facilities, public transportation, cafeteria, toilet, clock-room, drinking water facilities, auditorium, lecture room, music theatre, Museum shops, Information Centre etc.


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23. Shukl, Girishchandr ewm Pandey Vimlesh, *Sangrahalaya Vigyan*, Motilal Banarasidas, Delhi.



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B.A. IV Year
Discipline Specific Core
BAM-C801
Museum: Presentation and work

Semester – VIII
Max. Marks – 60
Time – 3 hours

Course Objectives

Students will extend their abilities to:

- Learn the methods and techniques of present the museum objects.
- Understand the interdependence relationship of museum with education and publication.
- Inculcate the knowledge of museum activities.

Course Outcomes

The students will able to:

CO1 Focus on conceptual understanding of presentation the museum objects.

CO2 Understand the museum as a centre of cultural studies.

CO3 Learn the necessity of museum's advertisement.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	Factors governing in presentation of Objects: (a) Requirements and Methods (b) Security Measures and Upkeeps	(19 Lect.)
Unit-II	Methods and techniques of presentation: (a) Objectives and outline of display (b) Types of presentation	(18 Lect.)
Unit-III	Museum and Education: (a) Types of visitors and their behaviour, education for children, education for laymen and researchers (b) Special lecture , workshop, conferences and education tour	(20 Lect.)
Unit-IV	Museum and Advertisement: (a) Importance of Advertisement for Museum and Society (b) Advertisement though Television, Radio, Print media and Notice board	(16 Lect.)
Unit-V	Museum's publication: (a) Importance of Museum's publication (b) Types of Publication i.e. Guide Book, Catalogue, Monograph, research articles, Magazines and Books	(17 Lect.)



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References:

24. Collart, Paul, Museum and monuments VII, Suria, Paris UNESCO.
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B.A. IV Year
Discipline Specific Core
BAM-C802
Historical Archaeology

Semester – VIII
Max. Marks – 60
Time – 3 hours

Course Objectives

Students will extend their abilities to:

- Learn archaeological data and material culture of historical period.
- Understand the mechanism to rise of empire and state formation.
- Inculcate the knowledge of de-urbanisation.

Course Outcomes

The students will be able to:

- CO1** Focus on conceptual understanding of historical archaeology of India.
CO2 Understand the material and its associated cultures.
CO3 Learn the process of integration and disintegration of state.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	Historical Archaeology: Meaning & Sources:	(16 Lect.)
	(a) Meaning, concept and development of Historical archaeology in India. (b) Sources of Historical archaeology: Literary and archaeological.	
Unit-II	Material Culture & State Formation:	(18 Lect.)
	(a) Material culture – structural evidence, pottery, coins, terracotta figurines, ornamental objects, objects of belief, and objects related to different kind of production system. (b) Process of second urbanization and state formation in India.	
Unit-III	Rise of empire:	(19 Lect.)
	(a) Archaeological studies of Magadha- from c. 600 BCE to 400 CE. (b) Archaeological studies of Western India (Gujarat and Rajasthan). (c) South India (south of river Krishna).	
Unit-IV	Process of De-urbanization:	(19 Lect.)
	(a) Archaeological studies of Gupta and Vakataka period (c. 400 to 600 CE). (b) Discussion on issues of de-urbanisation.	
Unit-IV	Selected Excavated Sites:	(18 Lect.)
	(a) Hastinapura (b) Ahichchatra (c) Shishupalgarh (d) Arikamedu (e) Chandraketugarh	



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References:

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Prof
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Gurukul Kangri Vishwavidyalaya, Haridwar

B.A. IV Year
Discipline Specific Core
BAM-C803
Ancient Indian Art and Crafts

Semester – VIII
Max. Marks – 60
Time – 3 hours

Course Objectives

Students will extend their abilities to:

- Emphasise the importance of arts and craft objects in the archaeological context.
- Understand the social context of culture through the archaeological evidence.
- Inculcate the knowledge of ceramics and associated cultures.

Course Outcomes

The students will able to:

CO1 Learn main ceramic types belonging to different regions and different periods.

CO2 examine their patterns of art and crafts production, distribution and consumption.

Instructions:

The question paper shall consist of two sections (Sec.-A and Sec.-B). Sec.-A shall contain 10 short answer type questions of six marks each. Student shall be required to attempt any five questions in 150 words. Sec.-B shall contain 8 long answer type questions of ten marks each and student shall be required to attempt any four questions. Questions shall be uniformly distributed from the entire syllabus. The previous year paper/model paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

Course Contents:

Unit-I	(18 Lect.)
(a) Definition of art and craft, Early forms of societies.	
(b) Artefact classification, organization and analysis	
 Unit-II	 (18 Lect.)
(a) Ceramics: Introduction to clay, Processing of clay	
(b) Manufacture of Pottery and application of decorations	
 UNIT-III	 (17 Lect.)
(a) Characters and Features: Neolithic Pottery and Pre/Early Harappan Pottery	
(b) Harappan Pottery	
 UNIT-IV	 (19 Lect.)
(a) Characters and Features: Malwa Ware, Banas Ware and Jorwe Ware.	
(b) Ochre Coloured Ware	
 UNIT-V	 (18 Lect.)
(a) Characters and Features: Painted Grey Ware, Northern Black Polished Ware and Megalithic Ware.	
(b) Early Historic Pottery	



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