

GAW B2



UNIVERSITY OF CALICUT

Abstract

MA Sanskrit Language and Literature (General) - Non Semester course - through School of Distance Education - revised with effect from 2014 admission onwards - approved - implemented - Orders issued

G & A - IV - B

U.O.No. 4187/2014/Admn

Dated, Calicut University.P.O, 28.04.2014

Read:-1. UO GA/B2/2143/06 dated 13.07.2009

2. Minutes of the meeting of the Board of Studies in Sanskrit PG held on 23.08.2013 item no 2
3. Minutes of the meeting of the Faculty of Language and Literature held on 27.08.2013 item no 1 o
4. Minutes of the meeting of the Academic Council held on 20.03.2014 item no II E

ORDER

Vide paper read first above the revised syllabus for MA Sanskrit (Non Semester) through School of Distance Education was implemented with effect from 2009 admission onwards.

Vide paper read second above the Board of Studies in Sanskrit PG at its meeting held on 23.08.2013 discussed and finalised the Syllabus of both MA Sanskrit Language and Literature (General) and MA Sanskrit Sahitya (Special) for the Distance Education Stream and recommended the same for implementation from 2014 admission onwards.


Vide paper read third above the Faculty of Language and Literature at its meeting held on 27.08.2013 approved the Minutes of the Meeting of the Board of Studies in Sanskrit (PG) held on 23.08.2013 and resolved that the Syllabus revision should be effected with effect from 2014 admission only.

Vide paper read fourth above the Academic Council at its meeting held on 20.03.2014 has approved the Minutes of the Meeting of the Faculty of Language and Literature held

on 27.08.2013.

Sanction has therefore been accorded to implement the revised scheme and syllabus of MA Sanskrit Language and Literature (General) (Non Semester) under School of Distance Education with effect from 2014 admission.

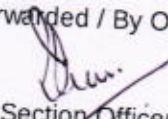
Orders are issued accordingly.


Muhammed S
Deputy Registrar

To

To
The Director School of Distance Education

Copy to : CE/EX IV Section/DR and AR PG Tabulation Section/ Library/ Information
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Section Officer



2/9

B2

38342/2013/co

M.A. SANSKRIT LANGUAGE AND LITERATURE (GENERAL)

SCHOOL OF DISTANCE EDUCATION

(2014 Admission onwards)

B2 1/19

This course is envisaged to make the student proficient in various aspects of Sanskrit studies, like literature, literary theories, Indian philosophy, linguistics, grammar, comparative aesthetics and manuscript study in order to make him/her competent to pursue teaching career and research. There will be two years (previous and final) in Course. Each year will have eight papers of three hours duration and will carry 100 marks each, besides a general essay for 50 marks and a viva voce for 50 marks at the end of the final year. Thus the total mark of the course is 1700.

Previous Year

Course No.	Title of the course	Marks
Skt01	Poetry and Drama	100
Skt02	Dramaturgy	100
Skt03	Mahabhashya and Nirukta	100
Skt04	Elements of Indian Philosophy	100
Skt05	Dhvanyaloka1 and Vyaktiviveka1	100
Skt06	Siddhantakaumudi	100
Skt07	Vakroktijivita	100
Skt08	Comparative Linguistics	100

Final Year

Skt09	Rasagangadhara	100
Skt10	Kavyaprakasa	100
Skt11	Dhvanyaloka 2 and 4	100
Skt12	Ancient Indian Science and Technology	100
Skt13	Nyaya and Mimamsa	100
Skt14	Vedanta	100
Skt15	Manuscriptology	100
Skt16	Comparative Literary Theory (Eastern and Western)	100
Skt17	General Essay	50
Viva voce		50

SYLLABUS

PREVIOUS YEAR

SKT01 POETRY AND DRAMA

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Books for Study:

Poetry	: <i>Naishadhiyacarita</i> Canto 3 (the first 75 verses)	50 Marks
Drama	: <i>Malvikagnimitra</i> of Kalidasa	50 Marks

Reference:

Warder, A.K : *Indian Kavya Literature*

Keith, A.B : *The Sanskrit Drama*

Pattern of question paper:

Part A: *Naishadhiyacarita* Canto 3

1	Explain fully (any four out of six)	4x5=20 Marks
2	Annotate (any four out of six)	4x5=20 Marks
3	Essay (one out of two)	1x10=10 Marks

Part B *Malvikagnimitram*

4	Explain fully (any four out of six)	4x5=20 Marks
5	Annotate (any four out of six)	4x5=20 Marks
6	Essay (one out of two)	1x10=10 Marks

SKT02 DRAMATURGY

NATYASASTRA AND DASARUPAKA

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Books for Study:

<i>Natyasastra</i>	: Chapter 6 with <i>Abhinavabharati</i>	60 Marks
<i>Dasarupaka</i>	: Chapter 3	40 Marks

Pattern of question paper:

Part A: *Natyasastra*

1	Two essays (out of four)	2x10=20 Marks
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- | | | |
|---|---|--------------|
| 2 | Answer in one or two paragraphs (any five out of seven) | 5x4=20 Marks |
| 3 | Write short notes (any seven out of nine) | 7x2=14 Marks |
| 4 | Answer in one or two sentences (any six out of eight) | 6x1=6 Marks |

Part B : Dasarupaka

- | | | |
|---|--|---------------|
| 5 | One essay (out of two) | 1x10=10 Marks |
| 6 | Answer in one or two paragraphs (any six out of eight) | 6x4=24 Marks |
| 7 | Answer in one or two sentences (any six out of eight) | 6x1=6 Marks |

SKT03 MAHABHASHYA AND NIRUKTA

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Books for Study:

Mahabhashya Paspasahnika 50 Marks

Nirukta Chapter 1 50 Marks

Pattern of question paper:

Part A: Mahabhashya Paspasahnika

- | | | |
|---|---|---------------|
| 1 | Explain fully (any five out of seven) | 5x4=20 Marks |
| 2 | Answer in one paragraph (any five out of seven) | 5x4=20 Marks |
| 3 | One essay (out of two) | 1x10=10 Marks |

Part B: Nirukta Chapter 1

- | | | |
|---|---|---------------|
| 4 | One essay (out of two) | 1x10=10 Marks |
| 5 | Answer in one paragraph (any four out of six) | 4x4=16 Marks |
| 6 | Derive the forms (any six out of eight) | 6x4=24 Marks |

SKT04 ELEMENTS OF INDIAN PHILOSOPHY

Answers may be written in Sanskrit or in English. In writing Sanskrit Devanagari script should be used.

Topics for study:

- | | |
|------------|--|
| 1 Lokayata | : Source and Reconstruction; Main doctrines. |
| 2 Buddhism | : Source; Theravada; Sautrantikas; Vaibhasikas; Yogacaras; Madhyamikas;
Practical teachings |

- 3 Jainism : Sources; Notion of Jiva and Ajiva; Atomic theory; Syadvada; Practical teachings
- 4 The Bhagavadgita : Main doctrines; Influence on later philosophical thought.
- 5 Sankhya Philosophy : Literature; Purusa; Prakrti; Evolution; Satkaryavada; Pramanas; Kaivalya.
- 6 Yoga Philosophy : Main works and doctrines; Relation with Sankhya; Concept of Isvara; Yogangas; Samadhi.
- 7 Nyaya Philosophy : Main works and doctrines; Asatkaryavada; Theory of error; Pramanas; Practical teachings.
- 8 Vaisesika Philosophy : Main works; Atomic theory; Padarthas.
- 9 Purvamimamsa : Main works; The Prabhakara and Bhatta schools; Their main difference; Concept of Apurva; Importance in Language studies; Practical teachings.
- 10 Vedanta Advaita, Visistadvaita and Dvaita; Main works and Doctrines; Concept of Liberation; Practical teachings

Reference:

- 1 M Hiriyanna : *Outlines of Indian Philosophy*
- 2 S Radhakrishnan : *Indian Philosophy* (2 vols)
- 3 S N Dasgupta : *History of Indian Philosophy* (6 vols)
- 4 Debiprasad Chattopadhyaya : *Indian Philosophy*
- 5 C D Sarma : *A Critical Survey of Indian Philosophy*
- 6 M Sivakumaraswami : (Ed.) *Saddarsanasamuccaya of Haribhadrasuri*
- 7 K N N Elayath : *Ethics of Sankara*
- 8 C Rajendran : (Ed.) *Contemporary Approaches to Indian Philosophy*
- 9 V N Jha : *Contribution of Nyaya System to Indian Thought System*
- 10 K Kununni Raja : *Mimamsa Contribution to Language Studies*
- 11 Madhava : *Sarvadarsanasangraha*
- 12 N K Sundaeswaran : *Indian Theories of Verbal Comprehension and Hermeneutics*

Pattern of question paper:

- 1 Write short notes (any eight out of ten) 8x2.5=20 Marks
- 2 Answer in one or two paragraphs (any five out of seven) 5x7=35 Marks

3	Essay (one out of two)	1x15=15 Marks
4	Essay (one out of two)	1x15=15 Marks
5	Essay (one out of two)	1x15=15 Marks

SKT05: DHVANYALOKA 1 AND VYAKTIVIVEKA 1

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Unit 1 *Dhvanyaloka* Udyota 1

Unit 2 *Vyaktiviveka* Vimarsa 1 (Dhvanilaksanakhandana only)

Pattern of question paper:

Part A

1	Answer in one or two sentences (any ten out of thirteen)	10x1.5=15 Marks
2	Explain fully (five karikas out of seven)	5x5=25 Marks
3	Essay (one out of two)	1x10=10Marks

Part B

4	Answer in one or two sentences (any ten out of thirteen)	10x1.5=15 Marks
5	Explain fully (five karikas out of seven)	5x5=25 Marks
6	Essay (one out of two)	1x10=10Marks

Reference:

- 1 Daniel Henry Holmes Ingalls : *The Dhvanyaloka of Anandavardhana with Locana of Abhinavagupta*
- 2 Mukunda Madhava Sarma : *Dhvani Theory in Sanskrit Poetics*
- 3 K Krishnamurthy : *Dhvanyaloka and its Critics*
- 4 C Rajendran : *Vyaktiviveka-a Critical Study*

SKT06: SIDDHANTAKAUMUDI

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Topics for Study:

1 Samasaprakarana- The following Sutras:

१. समर्थः पदविधिः । २.१.१

२. सह सुपा २.१.४
३. सुपो धातुप्रातिपदिकयोः । २.४.७१
४. इवेन समासः विभक्त्यलोपश्च ।-वार्तिकम्
५. अव्ययं विभक्ति समीप... । २.१.६
६. प्रथमानिर्दिष्टं समास उपसर्जनम् । १.२.४३
७. उपसर्जनं पूर्वम् । २.२.३०
८. एकविभक्ति चाभूर्वनिपात् । १.२.४४
९. गोस्त्रियोरुपसर्जनस्य । १.२.४८
१०. नाव्ययीभावादतोऽन्त्वपञ्चम्याः । २.१.१
११. अव्ययीभावश्च । २.४.१८, १.१.४१
१२. अव्ययीभावे चाकाले । ६.३.८१
१३. अक्षशलाकासंख्या परिणा । २.१.१०
१४. अपपरिबहिरञ्चवः पञ्चम्याः २.१.१२
१५. आङ्मर्यादाभिविध्योः । २.१.१३
१६. लक्षणेनाभिप्रत्याभिमुख्ये । २.१.१४
१७. संख्या वंशेन । २.१.१९
१८. नदीभिश्च । २.१.२०
१९. अव्ययीभावे शरत्प्रभृतिभ्यः । ५.४.१०७
२०. प्रतिपरसमनुभ्योऽङ्गः ।-गणसूत्रम्
२१. यस्येति च । ६.४.१४८
२२. अनश्च । ५.४.१०८
२३. नस्तद्धिते । ६.४.१४४
२४. नपुंसकादन्यतरस्याम् । ५.४.१०९
२५. झयः । ५.४.१११
२६. तत्पुरुषः । २.११.२२
२७. द्विगुश्च । २.१.२३
२८. द्वितीयाश्रित... २.१.२४
२९. तृतीया तत्कृतार्थेन गुणवचनेन २.१.३०
३०. पूर्वसदृश... २.१.३१
३१. कर्तृकरणे कृता बहुलम् । २.१.३२
३२. चतुर्थी तदर्थाथबलि... २.१.३६
३३. पञ्चमी भयेन । २.१.३७
३४. षष्ठी २.२.८
३५. सप्तमी शौण्डैः २.१.४०

३६. पूर्वकाल एक २.१.४९
 ३७. तद्धितार्थोत्तरपदसमाहारे च। २.१.५१
 ३८. सर्वनाम्नः वृत्तिमात्रे पुंवत्भावः। वार्तिकम्।
 ३९. संख्यापूर्वो द्विगुः। २.१.५२
 ४०. द्विगुरेकवचनम्। २.४.१
 ४१. उपमानानि सामान्यवचनैः २.१.५५
 ४२. उपमितं व्याघ्रादिभिः सामान्याप्रयोगे। २.१.५६
 ४३. विशेषणं विशेष्येण बहुलम्। २.१.५७
 ४४. सन्महत्परमोत्तमोत्कृष्टाः २.१.६१
 ४५. तत्पुरुषः समानाधिकरणः कर्मधारयः २.१.४२
 ४६. पुंवत् कर्मधारयः ६.३.४२
 ४७. नञ् २.२.६
 ४८. नलोपो नञः ६.३.७३
 ४९. तस्मान्नुडचि ६.३.७४
 ५०. कुगतिप्रादयः २.२.८
 ५१. भूषणेलम्। १.४.६४
 ५२. तिरोन्तर्धौ। १.४.७१
 ५३. तत्रोपपदं सप्तमीस्थम्। ३.१.९२
 ५४. उपपदमतिङ्। २.२.१९
 ५५. राजाहःसखिभ्यष्टच् ५.४.९१
 ५६. अहः सर्वेकदेशः। ५.४.८७
 ५७. आन्महतः समानाधिकरणजातीययोः। ६.३.४६
 ५८. संख्यापूर्वं रात्रं क्लीबम्।- वार्तिकम्
 ५९. अकारान्तोत्तरपदो द्विगुः स्त्रियाम् इष्टः।-वार्तिकम्
 ६०. छाया बाहुल्ये। २.४.२२
 ६१. सभा राजा अमनुष्यपूर्वा। २.४.२३
 ६२. शेषो बहुव्रीहि। २.२.२३
 ६३. अनेकमन्यपदार्थं २.२.२४
 ६४. प्रादिभ्यो धातुजस्य-वार्तिकम्
 ६५. नञो अस्म्यर्थानां वाच्यः। -वार्तिकम्
 ६६. स्त्रियाः पुंवत्भाषितस्कादनूङ्। ६.३.३४
 ६७. दिङ्नामान्यन्तरा। २.२.२६
 ६८. तत्र तेनेदमिति सरूपे। २.२.२७
 ६९. द्वित्रिभ्यां ष मूर्ध्नः। ५.४.११५

७०. धनुषश्च । ५.४.१३२
 ७१. वा संज्ञायाम् । ५.४.१३३
 ७२. चार्थे द्वन्द्वः । २.२.२९
 ७३. राजदन्तादिषु परम् । २.२.३१
 ७४. अल्पात्तरम् । २.२.३४
 ७५. द्वन्द्वे घि । २.२.३२
 ७६. आनङ् ऋतः द्वन्द्वे । ६.३.२५
 ७७. मातरपितरावुदीचाम् । ६.३.३८

II Ātmanepada prakriya

- 'स्था' धातु-षड् सूत्राणि त्रीणि वार्तिकानि च ।
 - 'णीञ्' धातु- द्वे सूत्रे ।
 - 'क्रम्' धातु-षड् सूत्राणि एकं वार्तिकं च ।
 - 'कृञ्' धातु -- चत्वारि सूत्राणि ।
 - 'ह्वेञ्' धातु -- द्वे सूत्रे ।
१. अनुदात्तङित आत्मनेपदम् ।
 २. भावकर्मणोः
 ३. ज्ञाश्रुस्मृद्शां सनः

व्याकरणविशेषः ।

१. आजघ्ने विषमविलोचनस्य वक्षः ।
२. नाथसे किमु पतिं न भूभृताम् ।
३. सम्प्रहरन्ते राजानः ।
४. वृद्धो जनो दुःखशतानि भुङ्क्ते ।
५. इत्थं नृप पूर्वमवालुलोचे ।
ततोऽनुजज्ञे गमनं सुतस्य ॥

III Parasmaipadapraṅgam

- 'कृञ्' धातु ।
 - 'क्षिप्' धातु ।
 - 'मृष्' धातु ।
१. क्रुधयुधजननशयिङ् । १.३.८६
 २. न पादमआङ्ऽयमआङ्ऽयस । १.३.८९
 ३. अणावकर्मकाचित्तवत् कर्तृकात् । १.३.८८

व्याकरणविशेषः ।

1. दमयन्ती कमनीयतामदम् ।
2. धापयेते शिशुमेकं समीची ॥

IV Lakārārthapraṅgiya

१. अभिज्ञावचने लृट् । ३.१.११२
२. परोक्षे लिट् । ३.१.११५
३. पुरि लुङ्चास्मे । ३.१.१२२
४. क्षिप्रवचने लृट् । ३.३.१३३
५. यावत्पुरानिपातयोर्लट् । ३.३.४
६. गर्हायां लट् अपिजात्वोः । ३.३.१४२

७. सम्भावनेलमिति चेत् सिद्धाप्रयोगे । ३.३.१५४

८. माङि लुङ् । ३.३.१७५

९. अर्हेः कृत्यतृजश्च । ३.३.१६९

१०. उताप्योः समर्थयोः लिङ्* ३.३.१५२

Pattern of question paper:

V Karakaprakarana - whole

- | | | |
|---|--|---------------|
| 1 | Explain fully the Sutras (ten out of thirteen only from Karakaprakarana) | 10x3=30 Marks |
| 2 | Explain the usage of Lakaras (five out of seven) | 5x3=15 Marks |
| 3 | Justify the usage quoting the Sutras (of any ten out of thirteen excluding Samasa and Lakarthaprakarana) | 10x3=30 Marks |
| 4 | Format the Samasa quoting Sutras (five out of seven) | 5x4=20 Marks |
| 5 | Write short notes (one out of two) | 1x5=5 Marks |

SKT07: VAKROKTIJIVITA

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Vakroktijivita Chapter 1

Pattern of question paper:

- | | | |
|---|--|---------------|
| 1 | Explain fully (five karikas out of seven) | 5x5=25 Marks |
| 2 | Answer in two or three sentences (any ten out of thirteen) | 10x3=30 Marks |
| 3 | Essay (one out of two) | 1x15=15Marks |
| 4 | Essay (one out of two) | 1x15=15Marks |
| 5 | Essay (one out of two) | 1x15=15Marks |

Reference:

K Krishnamurthy : *Vakroktijivita* Ed. With translation

SKT08: COMPARATIVE LINGUISTICS

Answers may be written in Sanskrit or in English. In writing Sanskrit Devanagari script should be used.

Topics for Study:

- 1 Morphological and genealogical classifications of language; Dialects and cognate languages
- 2 Indo- European family members; General characteristics; Centum and Satam groups
- 3 Speech mechanism- classification of sounds: stops, fricatives, semi vowels and vowels
- 4 Phonetic laws; Law of Palatalisation, Grassman's law, Fortunatov's rule
- 5 Phonetic changes; Prothesis, Epenthesis, Aphaeresis, Syncope, Haplology, Assimilation, Dissimilation, Metathesis, Historical survival, Compensatory sound change- Causes of phonetic change
- 6 Analogy- Main types and examples
- 7 Compounds- characteristics- Paninian scheme of compound classification
- 8 Semantic changes- specialization, generalization- transference- Pejoration- Melioration- causes of semantic changes

Reference:

- 1 W.H Allen : *Phonetics in Ancient India*
- 2 C Cardona : *Panini*
- 3 L Bloomfield : *Language*
- 4 T Burrow : *Sanskrit Language*
- 5 P D Gune : *An Introduction of Comparative Philology*
- 6 Otto Jespersen : *Language- its Nature, Development and Origin*
- 7 Siddheswar Varma : *Critical Studies in the Phonetic Observations of Indian Grammarians*
- 8 Batakrisna Ghosh : *A Linguistic Introduction to Sanskrit*
- 9 M Srimannarayana Murthy : *An Introduction to Sanskrit Linguistics*
- 10 T K Ramachandra Iyer : *A Handbook of Comparative Philology*

Pattern of question paper:

- | | | |
|---|---|---------------|
| 1 | Three essays (out of five) | 3x15=45 Marks |
| 2 | Answer in one or two paragraphs (any five out of seven) | 5x7=35 Marks |
| 3 | Write philological notes on any five (out of seven) | 5x4=20 Marks |

FINAL YEAR

SKT09: RASAGANGADHARA

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Books for Study:

Rasagangadhara: Anana 1- Upto including Rasanirupana 100 Marks

Pattern of question paper:

- | | | |
|---|--|-----------------|
| 1 | Essay (one out of two) | 1x20=20Marks |
| 2 | Essay (one out of two) | 1x20=20Marks |
| 3 | Write short notes (seven out of nine) | 7x5=35 Marks |
| 4 | Answer in one or two sentences (any ten out of twelve) | 10x2.5=25 Marks |

SKT10: KAVYAPRAKASA

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Books for Study:

Kavyaprakasa : Chapter 1- 4

Pattern of question paper:

- | | | |
|---|---|---------------|
| 1 | Three essays (out of five) | 3x15=45 Marks |
| 2 | Answer in one or two paragraphs (any five out of seven) | 5x7=35 Marks |
| 3 | Write short notes (five out of seven) | 5x3=15 Marks |
| 4 | Answer in one or two sentences (any five out of seven) | 5x1=5 Marks |

SKT11: DHVANYALOKA 2 AND 4

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Unit 1 : Dhvanyaloka Udyota 2

Unit 2 : Dhvanyaloka Udyota 4

Pattern of question paper:

1	Answer in one or two sentences (any ten out of twelve)	10x2=20 Marks
2	Explain fully (five karikas out of seven)	5x5=25 Marks
3	Explain the verses bring out the suggested sense (five out of seven)	5x5=25 Marks
4	Essay (one out of two)	1x15=15Marks
5	Essay (one out of two)	1x15=15Marks

SKT12: ANCIENT INDIAN SCIENCE AND TECHNOLOGY

Part A: Astronomy and Mathematics

Answers may be written in Sanskrit or in English. In writing Sanskrit Devanagari script should be used

Topics for Study:

- 1 Dr. KNN Elayath : Scientific Methodology in Ancient India (*Indian Scientific Traditions*, Ed. Dr NVP Unithiri)
- 2 Dr. KV Sarma : Astronomy and Mathematics in Sanskrit (*Technical Literature in Sanskrit*, Ed. Dr. S Venkitasubrahmonia Iyer)
- 3 Dr NK Sundareswaran :Aryabhatiyabhashya (*Indian Scientific Traditions*, Ed. Dr NVP Unithiri)

Part B: Medical Science and Plant Science

- 1 Dr K Raghavan Thirumulpad : Sanskrit Literature on Medical Science (*Technical Literature in Sanskrit*, Ed. Dr. S Venkitasubrahmonia Iyer)
- 2 Dr P Narayanan Namboodiri :Elephantology (*Indian Scientific Traditions*, Ed. Dr NVP Unithiri)
- 3 Dr NVP Unithiri : Thoughts on Bio-diversity and Conservation in Ancient and Medieval Sanskrit Literature (*Indian Scientific Traditions*)
- 4 C Narayanan : Plant Science in Sarngadharasamhita (*Indian Scientific Traditions*, Ed. Dr NVP Unithiri)

Part C: Architecture and Environmental Science

1 Achuthan and Balagopal

T S Prabhu : Indigenous Knowledge Base of Traditional Architecture of Kerala
(*Indian Scientific Traditions*, Ed. Dr NVP Unithiri)

2 Balagopal T S Prabhu : Iconography and Sculpture (*Indian Scientific Traditions*, Ed. Dr NVP
Unithiri)

3 Dr C Rajendran : Vastuvidya and Ecology (*Indian Scientific Traditions*, Ed. Dr NVP
Unithiri)

4 Dr C Rajendran : Environmental Awareness in Ancient India (*Indian Scientific
Traditions*, Ed. Dr NVP Unithiri)

Reference:

1 KV Sarma : *A History of Kerala School of Hindu Astronomy*

2 CK Krishnan Namboodiri : *Bharatiyasastrapaitrkam- Ganitam*

3 NV Krishnankutty Warriar : *Ayurvedacaritam*

4 K Raghavan Thirumulpad : *Bhaishajyadarsanam: Ayurvedadarsanam*

5 Balagopal T S Prabhu : *Vastuvidyapravesika- A Text book on Vastuvidya*

6 Achuthan and T S Prabhu : *An Engineering Commentary on Manusyalayacandrika*

7 P V Ouseph : *Citrabhasa*

8 Kerala Sastra Sahitya Parishad: *Proceedings of the Inter National Seminar and Colloquium on 1500
years of Aryabhatiya*

9 A L B Basham : *A Cultural History of India*

10 George Gheverghese Joseph : *The Crest of the Peacock*

11 M S Valliathan : *The Legacy of Charaka*

12 KV Sarma : *Observational Astronomy in Ancient India*

Pattern of question paper:

- | | | |
|---|---|---------------|
| 1 | Three essays (out of five) | 3x12=36 Marks |
| 2 | Answer in one or two paragraphs (any seven out of nine) | 7x5=35 Marks |
| 3 | Write short notes (six out of eight) | 6x4=24Marks |
| 4 | Answer in one or two sentences (any five out of seven) | 5x1=5 Marks |

SKT13: NYAYA AND MIMAMSA

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Books for Study:

Nyaya : Siddhantamuktavali- Sabdakhandha 50 Marks

Mimamsa : Manameyodaya- Upodghata and Pratyaksakhanda 50 Marks

Pattern of question paper:

Part A: Siddhantamuktavali

- | | | |
|---|---|--------------|
| 1 | Essay (one out of two) | 1x15=15Marks |
| 2 | Essay (one out of two) | 1x15=15Marks |
| 3 | Answer in one or two paragraphs (any four out of six) | 4x5=20 Marks |

Part B: Manameyodaya

- | | | |
|---|--|--------------|
| 4 | Essay (one out of two) | 1x15=15Marks |
| 5 | Answer in one or two paragraphs (any four out of six) | 4x5=20 Marks |
| 6 | Answer in two or three sentences (any five out of seven) | 5x3=15 Marks |

SKT14: VEDANTA

Answers should be written in Sanskrit. In writing Sanskrit, Devanagari script should be used.

Book for Study:

Vedantaparibhasha : Upodghata and Pratyakshaparicheda

Pattern of question paper:

- | | | |
|---|--|---------------|
| 1 | Explain fully (any ten out of twelve) | 10x4=40 Marks |
| 2 | Answer in one paragraph (any six out of eight) | 6x4=24 Marks |
| 3 | Essay (one out of two) | 1x12=12Marks |