

**GOVERNMENT COLLEGE (AUTONOMOUS),  
BHAWANIPATNA**

**(College with potential for excellence)**



**COURSES OF STUDIES**

**FOR THREE YEAR DEGREE COURSE  
IN  
A R T S  
(UNDER CBCS)**

**SUB: SANSKRIT**

<b>Semester-I</b>	<b>2017</b>	<b>Semester-II</b>	<b>2018</b>
<b>Semester-III</b>	<b>2018</b>	<b>Semester-IV</b>	<b>2019</b>
<b>Semester-V</b>	<b>2019</b>	<b>Semester-VI</b>	<b>2020</b>

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## COURSE STRUCTURE

		Paper Code	Credit Points
<b>Semester-I</b>	1	AECC-1	02
	2	GE-1	06
	3	CORE-1	06
	4	CORE-2	06
		<b>TOTAL</b>	<b>20</b>
<b>Semester-II</b>	1	AECC-2	02
	2	GE-2	06
	3	CORE-3	06
	4	CORE-4	06
		<b>TOTAL</b>	<b>20</b>
<b>Semester-III</b>	1	SEC-1	02
	2	GE-3	06
	3	CORE-5	06
	4	CORE-6	06
	4	CORE-7	06
		<b>TOTAL</b>	<b>26</b>
<b>Semester-IV</b>	1	SEC-2	02
	2	GE-4	06
	3	CORE-8	06
	4	CORE-9	06
	4	CORE-10	06
		<b>TOTAL</b>	<b>26</b>
<b>Semester-V</b>	1	CORE-11	06
	2	CORE-12	06
	3	DSE-1	06
	4	DSE-2	06
		<b>TOTAL</b>	<b>24</b>
<b>Semester-VI</b>	1	CORE-13	06
	2	CORE-14	06
	3	DSE-3	06
	4	DSE-4	06
		<b>TOTAL</b>	<b>24</b>
		<b>GRAND TOTAL</b>	<b>140</b>

## C O N T E N T

	Paper Code	Page No.
1	AECC	03
2	SEC	07
3	GE	09
4	CORE	21
5	DSE	29

# ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)

## SEMESTER-I

### AECC-1: ENGLISH COMMUNICATION

CREDITS: 2, (Theory=2)

(Total Marks: 50, Mid Sem=10, Term End=40, Duration: 2 hrs)

This course aims at enhancing the English language proficiency of undergraduate students in humanity, science and commerce streams to prepare them for the academic, social and professional expectations during and after the course. The course will help develop academic and social English competencies in speaking, listening, pronunciation, reading and writing, grammar and usage, vocabulary, syntax, and rhetorical patterns.

Students, at the end of the course, should be able to use English appropriately and effectively for further studies or for work where English is used as the language of communication.

#### MODULE-1: Reading Comprehension [15]

- Locate and remember the most important points in the reading
- Interpret and evaluate events, ideas, and information
- Read "between the lines" to understand underlying meanings
- Connect information to what they already know

#### MODULE-2: Writing [15]

Expanding an Idea	Writing a Memo	Report Writing
Creative Writing	News Story	Setting in Creative Writing
Writing a Business Letter	Letters to the Editor	Précis Writing
CV & Resume Writing	Dialog writing	Covering Letter
Writing Formal Email	Elements of Story Writing	Note Making
Information Transfer	Interviewing for news papers	

#### MODULE-3: Language functions in listening and conversation [06]

1. Discussion on a given topic in pairs
2. Speaking on a given topic individually

(Practice to be given using speaking activities from the prescribed textbooks)

#### Grammar and Usage [14]

Simple and Compound Sentences; Complex Sentences; Noun Clause; Adjective Clause; Adverb Clause; The Conditionals in English; The Second Conditional; The Third Conditional; Words and their features; Phrasal Verbs; Collocation; Using Modals; Use of Passives; Use of Prepositions; Subject-verb Agreement; Sentence as a system; Common Errors in English Usage

#### Examination pattern

Each reading and writing question will invite a 200 word response.

Language function questions set in context will carry 01 mark per response. There will be 15 bit questions.

<b>Midterm test:</b>	Writing : 1 question	04 x 01qn = 04 marks	
	Speaking: 2 questions	03x02 qns = 06 marks	
	Total	10 marks	
<b>Term End :</b>	MODULE-1	Reading: 05 questions	03x 05 qns= 15 marks
		(3 prose and two poetry questions)	
	MODULE-2	Writing: 03 questions	05 x 03 qns= 15 marks
	MODULE-3	Grammar & usage: 10 qns	01x 10 qns = 10 marks
	Total		40 marks

Grammar questions must be set in contexts; not as isolated sentences as used for practice in the prescribed textbook.

#### Book Prescribed

*Vistas and Visions: An Anthology of Prose and Poetry.* (Ed.)Kalyani Samantray, Himansu S. Mohapatra, Jatindra K. Nayak, Gopa Ranjan Mishra, Arun Kumar Mohanty, OBS

**Texts to be studied :** Prose (Decoding Newspapers, The Gold Frame, Of Truth, Lifestyle English)

**Poetry** (Lines Composed a few miles above Tintern Abbey, Sonnet 46 (Shakespeare), Pigeons)

All grammar and writing activities in the textbook



**AECC-1: ODIA**

**SEMESTER-I**

ଆସ୍ଥାମ୍ୟୁଜିକ-୨, ମୋଟ୍‌ଗ୍ରେଣୀପାଠଦାନ-୨୦ ଘଣ୍ଟା, ଝୁଞ୍ଚିଂଖ୍ୟା-୫୦, ପରୀକ୍ଷା ସମୟ-୨ ଘଣ୍ଟା  
ପାଠ୍ୟରୁକୌଣସି ଗୋଟିଏ ପାଠ୍ୟକୁ ବାଛିବାକୁ ହେବ ।

**ପାଠ୍ୟ-୧**

ଉପାଂଶ-୧: (ଗଳ୍ପବିଭାଗ) ଗଳ୍ପ ତରଂଗ-ପ୍ରକାଶକ ସମ୍ବଲପୁର ସାହିତ୍ୟ ସଂସଦ  
ଭଗବାନ ମଲାପରେ-ମହାପାତ୍ର ନୀଳମଣି ସାହୁ  
ବିଷକନ୍ୟାର କାହାଣୀ-ମନୋଜ ଦାସ  
ଦ୍ୱିତୀୟ ଶ୍ରେଣୀମତ୍ତାମତ୍ତ ବେହେରା  
ଝୁଟି ପ୍ରଶ୍ନଗୋଷ୍ଠୀ ପ୍ରଶ୍ନର ଉତ୍ତର ପାଞ୍ଚଗହ ଶବ୍ଦରେ ଲେଖିବାକୁ ହେବ । (୧୦)

ଉପାଂଶ-୨: (କବିତାଶ୍ରୀ) ଅରୁଣଭବାର-ଝୁପ୍ରସାସ ମହାନ୍ତି  
ଲକ୍ଷ୍ମୀନ-ରମାକାନ୍ତ ରଥ  
କୁଞ୍ଜବିହାରୀ-ପ୍ରତିଭା ଶତପଥୀ  
ଝୁଟି ପ୍ରଶ୍ନଗୋଷ୍ଠୀ ପ୍ରଶ୍ନର ଉତ୍ତର ପାଞ୍ଚଗହ ଶବ୍ଦରେ ଲେଖିବାକୁ ହେବ । (୧୦)

ଉପାଂଶ-୩: (ଅବବୋଧ) ଧକଶହପଗାଶ ଶବ୍ଦର ଧକ ଅନୁକ୍ରମ ପ୍ରଦାନ କରାଯିବ ।  
୫ଟି ପ୍ରଶ୍ନ ପଢ଼ିବ ଧର୍ମ ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନକୁ ୫୨ । (୫x୨=୧୦)

ଉପାଂଶ-୪: (ଭାବ ସଂପ୍ରସାରଣ) କୌଣସି ଧକ ଛୁକୁ ପ୍ରଶ୍ନଭାବରେ ପ୍ରଦାନ କରାଯିବ । (୧୦)

ଉପାଂଶ-୫: (ବିଭକ୍ତି) ବ୍ୟାକରଣ  
ଆଠଟିରୁପାଞ୍ଚଟି ପ୍ରଶ୍ନର ଉତ୍ତର ଦେବାକୁ ହେବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ମୂଲ୍ୟ ୨ ନମ୍ବର । (୫x୨=୧୦)

**ପାଠ୍ୟ-୨ / Course-୨ : ସଂପର୍କ ଅନୁସିଧି**

- ଉପାଂଶ-୧: ସଂପର୍କର ଭିତ୍ତି, ପରିଭାଷା, ଶୁଦ୍ଧି ଓ ପରିସର
- ଉପାଂଶ-୨: ସଂପର୍କର ପ୍ରକାରଭେଦ: କଥିତଲିଖିତ, ବ୍ୟକ୍ତିଗତପାଠିକ-ସଂସ୍କୃତିକ-ବ୍ୟାବସାୟିକ-ସାହିତ୍ୟିକ
- ଉପାଂଶ-୩: ସଂପର୍କର ବାଧକ ଓ ସଫଳସାଧନର ଦିଗ
- ଉପାଂଶ-୪: ସଂପର୍କରେ ସାହିତ୍ୟର ଶୃଙ୍ଖଳା
- ଉପାଂଶ-୫: ସଫଳ ସଂପର୍କର ଭାଷା

**ପାଠ୍ୟ-୩ / Course-୩ : ସଂପର୍କର ରୀତି / ଭଙ୍ଗୀ ଓ ମାଧ୍ୟମ**

- ଉପାଂଶ-୧: ସୁଗତକଥନ ଓ ସଂଳାପିକ ଭଙ୍ଗୀ / ସାହିତ୍ୟମାଧ୍ୟମ ଓ ଯୋଗାଯୋଗ
- ଉପାଂଶ-୨: ଦଳଗତ ଆଲୋଚନା ଓ ବିତର୍କ
- ଉପାଂଶ-୩: ସାକ୍ଷାତ୍‌କାର
- ଉପାଂଶ-୪: ପତ୍ରଲିଖନ ପଦ୍ଧତି / ବିକ୍ଷିପ୍ତଲିଖନ
- ଉପାଂଶ-୫: ବୈଷ୍ଟିକ ପଦ୍ଧତି ଓ ସଂପର୍କର ଭାଷା ରୁଚାକ୍ଷ, ସଂକ୍ଷିପ୍ତ ଛୁନା ପ୍ରେରଣ, ଦୃଶ୍ୟଶ୍ରାବ୍ୟ ସଂଚାର ବିଧାନ, ଡ୍ରେସିଂଗର୍, ଆନ୍ତର୍ଜାତିକ ପଦ୍ଧତି / ଇଣ୍ଟରନେଟ୍

**ଗନୁ ତାଲିକା**

- ୧- ଗଳ୍ପତରଂଗ- ପ୍ରକାଶକ ସମ୍ବଲପୁର ସାହିତ୍ୟ ସଂସଦ ।
- ୨- ସଂଯୋଗ ଅନୁସିଧି/ବ୍ୟାବହାରିକ ଓଡ଼ିଆ ଭାଷା ଝୁପ୍ରାମାମ୍ବକ ବ୍ୟାକରଣ, ସନ୍ତୋଷ ତ୍ରିପାଠୀ, ନୀଳଦୀ, କଟକ ।
- ୩- ପ୍ରାୟୋଗିକ ଓଡ଼ିଆ ଭାଷା ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟପୁସ୍ତକ ପ୍ରଣୟନ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା ।
- ୪- ସମ୍ବନ୍ଧ ଓ ସାମ୍ବାଦିକଚାରଦ୍ରଶେଖର ମହାପାତ୍ର, ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟପୁସ୍ତକ ପ୍ରଣୟନ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା ।
- ୫- କବିତାଶ୍ରୀ ।
- ୬- ଆଧୁନିକ ଓଡ଼ିଆଲ୍ୟାକରଣ - ଧନେଶ୍ୱର ମହାପାତ୍ର ।



**MODULE-1: कविता**

- (i) कबीर - साखी : १ से १०
- (ii) तुलसी - विनयपत्रिका - पद १ और २
- (iii) प्रसाद - मधुमय देश
- (iv) निराला - भिक्षुक
- (v) अज्ञेय - हिरोशिमा

**MODULE-2: गद्य**

- (i) रामचन्द्र शुक्ल - उत्साह
- (ii) हजारी प्रसाद द्विवेदी - कुटज
- (iii) हरिशंकर परसाई - सदाचार का तावीज

**MODULE-3: शब्द ज्ञान**

- (i) शब्द सुद्धि
- (ii) बाक्य सुद्धि
- (iii) पययिवाची शब्द
- (iv) विलोम शब्द

**MODULE-4: सामान्य ज्ञान**

- (i) निबंध लेखन

**अंक विभाजन:**

विभाग - (क)	अपर्युक्त इकाइयों I, II और IV से 03 प्रश्न पूछे जाएँगे। उनमें से 02 के उत्तर लिखने होंगे। (प्रत्येक उत्तर 700- 1000 शब्दों के बिच)	10X2=20
विभाग - (ख)	अपर्युक्त इकाइयों I और II से 04 पद्यांश / गद्यांश पूछे जाएँगे। जिनमें से 02 के उत्तर लिखने होंगे। (प्रत्येक उत्तर 400-500 शब्दों के बिच)	05X2=10
विभाग - (ग)	युनिट III से अति संक्षीप्त प्रश्न पूछे जाएँगे।	02X5=10
	End Semester	40
	Internal	10
	Total	50

**पाठ्य पुस्तक:**

हिन्दी प्रसून - सं डॉ अंजुमन आरा, प्लानेट भी, कटक

## SEMESTER-II

### ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)

#### AECC-II: ENVIRONMENT STUDIES (ENVS)

(CREDITS: 2, Theory=2)

(Total Marks: 50, Mid Sem=10, Term End=40, Duration: 2 hrs)

#### MODULE-1: Introduction to environmental studies and Ecosystem [BOTANY Dept]

Multidisciplinary nature of environmental studies;

Scope and importance; Concept of sustainability and sustainable development.

#### Ecosystems : [ZOOLOGY Dept]

What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: Food chains, food webs and ecological succession. Case studies of the aquatic ecosystems (ponds) (8 lectures)

#### MODULE-2:

##### Natural Resources: Renewable and Non-renewable Resources [ZOOLOGY Dept]

- Land resources and land use change; Land degradation, soil erosion and desertification.
- Deforestation: Causes and impacts due to mining, dam building on environment, forests, Biodiversity and tribal populations.
- Water : Use and over-exploitation of surface and ground water, floods, droughts, conflicts Over water (international & inter-state).
- Energy resources : Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies. (8 lectures)

#### MODULE-3: Biodiversity and Conservation [BOTANY Dept]

- Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones Of India; Biodiversity patterns and global biodiversity hot spots
- India as a mega---biodiversity nation; Endangered and endemic species of India
- Threats to biodiversity : Habitat loss, poaching of wildlife, man---wildlife conflicts, biological invasions;
- Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.
- Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value. (8 lectures) [BOTANY Dept]

#### MODULE-4: Environmental Pollution [CHEMISTRY Dept]

- Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution
- Nuclear hazards and human health risks
- Solid waste management: Control measures of urban and industrial waste.
- global warming, ozone layer depletion. (8 lectures)

#### References:

1. Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. *Ecology, Environmental Science and Conservation*. S.Chand Publishing, New Delhi.
2. Das and Mishra . Man and Environment.
3. S. Swain. Environmental Studies.
4. M C Dash. Fundamental of Ecology.
5. Shukla and Chandel. A Text Book of Plant Ecology.

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**SKILL ENHANCEMENT COURSE (SEC)**

**SEMESTER-III**

**SEC-1: COMMUNICATIVE ENGLISH AND WRITING SKILL**

**(CREDITS: 2, Theory=2)**

**(Total Marks: 50, Mid Sem=10, Term End=40, Duration: 2 hrs)**

**MODULE-1: Communication Process: 10 Marks (1 long question / 2 short questions)**

- Process of Communication, Characteristics of Business Communication, Inter-personal, Intra-personal and Group communication
- Definition, Objectives, Process, Channels and importance of Communication
- Principles of effective communication and Barriers to effective Communication.
- Types of Communication – Written, Verbal, Non-verbal, informal and Formal and Grape-vine
- Written Communication – Writing letters for inquiries, orders, complaints and claims, Condolence, Complement letters.

**MODULE-2: Analytical Grammar: 10 Marks (1 x 10 = 10)**

- **Vocabulary** : Phrasal Verbs, Synonyms, Antonyms, Idioms, Commercial Terms, Countable and uncountable Nouns, Tense Patterns, Modal Verbs, Prepositions and Phrasal Verbs, The Imperatives, Interrogative, The Passive, Direct and Reported Speech.

**MODULE-3: WRITING SKILL: 10 Marks (1 long question/ 2 short questions)**

- Writing paragraph, developing ideas into paragraphs, writing personal letters and notes, writing applications, official letters and business letters, writing curriculum vitae/resume, writing e-mails, sms, advertisement and short notes.

**MODULE-4: Creative Skills 10 Marks (1 long question)**

- Reporting (on issues, events and business matters), Note making and summarising, Description of objects/events/process, Writing and designing pamphlet/brochure, Writing Review/ comment.

**Recommended reading:**

1. Fluency in English – Part I & II, Oxford University Press.
2. A. J. Thomson & A. V. Martinet, Practice English Grammar.
3. L. Gartside (ELBS) Modern Business Letters.
4. Business English, Pearson, 2008
5. Pradhan, Bhende and Thakur – Business Communication, Himalaya Publishing House.
6. U. S. Rai & M. S. Rai, Business Communication, Himalaya Publishing House, Bombay.
7. Language, Literature and Creativity, Orient Blackswan 2013

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## SEMESTER-IV

### SEC-2: BASIC COMPUTER APPLICATION

(CREDITS: 2, Theory=2)

(Total Marks: 50, Mid Sem=10, Term End=40, Duration: 2 hrs)

Total Classes: 30 (Thirty)

#### MODULE-1: 4 classes

**Introduction: Introduction to computer system:** Computer, Hardware , Software, Types of software, Types of Computer, uses of computer.

#### MODULE-2: 6 Classes

**Human Computer Interface:** Operating system as user interface, utility programs, Input and output devices: Keyboard, Mouse, Joystick, Scanner (OCR, OBR, OMR, MICR), Digital Camera, Touch Screen. Monitor, Printer, Plotter,

**Windows-**Introduction, functions, properties and different versions, working with Start Menu, Control Panel, Explorer, Desktop and Icons, My computer, Recycle bin, My Document, Good practices to make the windows run efficiently.

#### MODULE-3: 6 classes

**Memory:** Primary, secondary, auxiliary memory, RAM, ROM, cache memory, hard disks, optical disks, USB storage, Memory Card, C.P.U., registers,ALU, Control Unit, system bus, processors(only basic idea about function and type).

#### MODULE-4: 5 classes

**VIRUS** –Meaning, function, characteristics and types, Uses of Firewall and Antivirus.

**Electronic mail and its features-** inbox, composing mails, sending mail, thrash, spam folder in email.

#### MODULE-5: 9 classes

Introduction to Ms.Office:

**Ms.Word:** Creating a file, Page formatting, editing, printing, saving a file, bullet and numbering, spell check, indenting, paragraph formatting, find and replace.

**Ms. Excel:** Spread sheet and its uses, Setting column and row, Inserting formula and uses of various functions(AND, IF, NOT, OR, SUM, MAX, COUNT, COUNTA, COUNTIF, AVERAGE), use of Auto sum, Formatting cell, printing, copying and saving.

**Ms.Power Point:** Features, Uses, Menus, Tool bar, template and wizard, creating animation and effects, saving, deleting and opening a presentations. characteristics of a good presentation.

#### Reference Book:

1. Computer Fundamental by PK Sinha – BPB publication.
2. Ms.Office 2007 by Rutkoshy, Seguin – BPB publication.
3. Goel, Computer Fundamentals, Pearson Education, 2010.

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## GENERIC ELECTIVE (GE)

### EDUCATION

#### SEMESTER-I

#### GE-1: VISION OF EDUCATION IN INDIA :ISSUES AND CONCERNS

(CREDITS: 6, Theory=4 + Practical=2)

(Total Marks: 100, Mid Sem=15, Practical=25, Term End=60: Duration: 3 hrs.)

#### MODULE-1: Normative vision of Indian Education

Normative orientation of Indian Education: A historical enquiry.

Constitutional provisions on education that reflect national ideas : Democracy, Equity, Liberty, Secularism and social justice

India as an evolving nation state : Vision, nature and salient feature – Democratic and secular polity, federal structure : Implications for educational system .

Aims and purposes of education drawn from the normative vision.

#### MODULE-2: Vision of Indian Education : Four Indian thinkers

An overview of salient features of the “Philosophy and Practice” of education advocated by these thinkers.

Rabindranath Tagore : Liberationist pedagogy

M.K. Gandhi : Basic Education

Jiddu Krishnamurty : Education for Individual and social Transformation

Sir Aurobindo : integral Education

#### MODULE-3: Concern for Equality in Education: Concerns and Issues

Universalisation of school education

(i) Issues of (a) Universal enrollment , (b) Universal Retention, (c) Universal success

(ii) Issues of quality and equity

#### MODULE-4: Concern for Equality in Education

Equality of Educational opportunity

Prevailing nature and forms of inequality including Dominant and Minor groups and the related issues.

Inequality in schooling : Public-private schools, Rural-urban schools, single teachers schools and many other forms of inequalities in school systems and the process leading to disparity.

Idea of common school system

#### MODULE-5: Education and Development – an interface

Education for National Development : Education Commission (1964-66)

Emerging trends in the interface between:

Political process and education

Political process and education

Economic Development and Education

Social cultural – changes in Education

#### REFERENCES

1. Agrawal, J.C. & Agrawal S.P. (1992). Role of UNESCO in Educational, Vikas Publishing House, Delhi.
2. Anand, C.L et.al. (1983). Teacher and Education in Emerging in Indian Society, NCERT, New Delhi.
3. Govt. of India (1986). National Policy on Education, Min. of HRD, New Delhi.
4. Govt. of India (1992). Programme of Action (NPE). Min of HRD,
5. Mani, R.S. (1964). Educational Ideas and Ideals of Gandhi and Tagore, New Book Society, New Delhi.
6. Manoj Das (1999). Sri Aurobindo on Education, National Council for Teacher Education, New Delhi.
7. Mistry, S.P. (1986). Non-formal Education-An Approach to Education for All, Publication, New Delhi.
8. Mohanty, J., (1986). School Education in Emerging Society, sterling Publishers.
9. Mukherji, S.M., (1966). History of Education in India, Acharya Book Depot, Baroda.
10. Naik, J.P. & Syed, N., (1974). A Student's History of Education in India, MacMillan, New Delhi.

#### PRACTICAL: Mark 25 / Credit- 2

Each student is required to prepare a term paper on the educational ideas of any Indian Thinkers or on any contemporary issues on Education.

Distribution of Marks : Record=20 marks; Viva voce=05 marks

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**EDUCATION  
SEMESTER-II**

**GE-2: ASSESSMENT AND EVALUATION TECHNIQUES**

**(CREDITS: 6, Theory=4 + Practical=2)**

**(Total Marks: 100, Mid Sem=15, Practical=25, Term End=60: Duration: 3 hrs.)**

**MODULE-1: The Measurement, Evaluation and Assessment Process**

Educational Testing and Assessment : Context, Issues and Trends.

The Role of Measurement, Evaluation and Assessment in Teaching.

Instructional Goals and objectives : Foundation for Assessment.

Types of Assessment: Placement, Formative, Diagnostic and Summative.

**MODULE-2: Classroom tests and Assessment**

Planning classroom tests and assessment

Constructing objective test items: simple forms and multiple choice forms.

Constructing Essay type questions: Form and uses; suggestions for scoring essay questions.

**MODULE-3 Alternative Techniques of Assessment**

Observational Technique: Observation schedule, Anecdotal Records, Rating scales, Checklists

Self – reporting Techniques: Interview, portfolio, questionnaire and inventories.

Peer – appraisal: “Guess who” technique, sociometric technique.

**MODULE-4 Processing and Reporting in Assessment**

Processing qualitative evaluation data: Content Analysis

Considerations for reporting the performance

Scheme of reporting: criterion – reformed and non reformed interpretation.

Combining mark or grades over different subjects and reporting results of assessment to different users.

**MODULE-5 Contemporary Trends in Assessment**

Marks vs Grading system

Credit system

Concept of Continuous and Comprehensive Evaluation (CCE)

Computers in student evaluation

**REFERENCES**

1. Aggrawal, J.C. (1997). Essentials of Examination System, Evaluation, Tests and Measurement. New Delhi: Vikas Publishing House Pvt Ltd.
2. Banks, S.R. (2005). Classroom Assessment: Issues and Practices. Boston: Allyn & Bacon.
3. Blooms, B.S.(1956). Taxonomy of Educational Objectives. New York: Longman Green and Company
4. Cooper, D. (2007). Talk About Assessment, Strategy and Tools to Improve Learning. Toronto: Thomson Nelson
5. Earl, L.M. (2006). Assessment as Learning: Using Classroom Assessment to Maximize Student Learning. Thousand Oaks, California: Corwin Press
6. Gronlund, N.E. (2003). Assessment of student Achievement. Boston: Allyn & Bacon.
7. Kaplan, R.M. & Saccuzzo. D.P. (2000). Psychological Testing, Principles, Applications & Issues. California: Wordsworth.
8. Linn, R.L. & Gronlund, N.E. (2000). Measurement and Assessment in Teaching London: Merrill Prentice Hall.

**PRACTICAL: Mark 25 / Credit- 2**

**Achievement Test Construction**

Each student is required to construct 50 objective based objective type test items along with a blue print.

**Distribution of Marks** : Record=20 marks; Viva voce=05 marks

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**ENGLISH**  
**SEMESTER-I**

**GE-1: ACADEMIC WRITING AND COMPOSITION**

**(CREDITS: 6, Theory=6)**

**(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)**

**MODULE-1: Instruments of writing I**

- Vocabulary development: synonyms and antonyms; words used as different parts of speech; vocabulary typical to 'science' and 'commerce'
- Collocation; effective use of vocabulary in context

**MODULE-2: Instruments of writing II**

- Syntax: word order; subject-predicate; subject-verb agreement; simple, complex, compound, compound-complex sentences; structure and uses of active and passive sentences
- Common errors in Indian writing

**MODULE-3: Academic writing I**

- What is academic writing?
- The formal academic writing process: the 'what' and the 'how' of writing; use of cohesive and transitional devices in short and extended pieces of writing

**MODULE-4: Academic writing II**

- Paragraph writing: topic sentence, appropriate paragraph development ; expository, descriptive, narrative and argumentative paragraphs
- Extended pieces of writing: process development using comparison-contrast, cause and effect, argumentation, and persuasion

**MODULE-5: Research writing: writing research papers and projects**

- Mechanics of research writing; principles of citation; summarizing and paraphrasing
- Identifying a potential research topic; preparing a synopsis; literature review; data collection and analysis; deriving conclusions from analysis

**Texts prescribed**

1. K Samantray, *Academic and Research Writing: A Course for Undergraduates*, Orient BlackSwan
2. Leo Jones (1998) *Cambridge Advanced English: Student's Book* New Delhi: CUP
3. Stanley Fish (2011) *How to Write a Sentence*

**Pattern of examination: End Semester examination [80 marks]**

Using texts (600 -700 words), students will be tested for

- Use of vocabulary in context **05 bits X 02 marks= 10marks**
- Use of grammar in context **05 bits X 02 marks= 10 marks**
- Use of cohesive and transitional devices in one paragraph **10 bits X 02 marks=20 marks**
- Writing two paragraphs (expository/ descriptive/ narrative/argumentative) using topic sentences **2qns x 10 marks= 20marks**
- Correcting in-text citation from given input **5bits x 02 marks=10marks**
- Preparing a correct version of Works Cited page from given input **05bits x 02 marks= 10marks**

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## ENGLISH

### SEMESTER-II

#### GE-2 : MODERN INDIAN LITERATURE

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

The paper aims at introducing students to the richness and diversity of modern Indian literature written in many languages and translated into English.

**MODULE-1: Historical Overview**

Background, definition of the subject and historical perspectives will be covered.

**MODULE-2: The Modern Indian Novel**

Fakir Mohan Senapati: *Six Acres and a Third* Or U. R. Ananthamurthy: *Sanskara*

**MODULE-3: The Modern Indian Short Story**

Selected stories by Fakir Mohan Senapati: "Rebati", Rabindra Nath Tagore: "Post Master" Premchand: "The Shroud", Ishmat Chughtai: "Lihaaf"

**MODULE-4: Modern Indian Life Writing**

Excerpts from M.K. Gandhi's *Story of My Experiments with Truth* (First two chapters), Amrita Pritam's *The Revenue Stamp* (first two chapters), *Autobiography* by Rajendra Prasad (chapter six & seven)

**MODULE-5: The Modern Indian Essay**

A. K. Ramanujan "Is there an Indian Way of Thinking? An Informal Essay" *Collected Essays*, OUP, 2013

"Decolonising the Indian Mind" by Namwar Singh. Tr. Harish Trivedi *Indian Literature*, Vol. 35, No. 5 (151) (Sept.-Oct., 1992), pp. 145-156

G. N. Devy's introduction to *After Amnesia*, pp. 1-5, *The G. N. Devy Reader*, Orient BlackSwan, 2009.

**Suggested Readings:**

1. Sisir Kumar Das, *History of Indian Literature 1910–1956, Triumph and Tragedy*, Sahitya Akademi, New Delhi, 2000
2. Amit Chaudhuri, *The Vintage Book of Modern Indian Literature*, 2004
3. M.K. Naik, *A History of Indian English Literature*, Sahitya Akademi, 2004

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## HISTORY

### SEMESTER-I

#### GE-1 : MAKING OF CONTEMPORARY INDIA

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

**MODULE-1:** Towards Independence and Emergence of the New State Government of India Act 1935, Negotiations for Independence and Popular Movements  
Partition: Riots and Rehabilitation.

**MODULE-2: Making of the Republic The Constituent Assembly**

Drafting of the Constitution

**MODULE-3:** Integration of Princely States

**MODULE-4:** Non Aligned Movement

**MODULE-5:** Economy Society and Culture c 1950-1970s; The Land Question, Planned Economy, Industry.

**ESSENTIAL READINGS**

1. Granville Austin, *Indian Constitution: Cornerstone of a Nation*, New Edition, OUP, 2011\_Francine Frankel, *India's Political Economy*,
2. 1947-2004, New Delhi: Oxford University Press, 2006.
3. Paul Brass, *The Politics of India Since Independence*, Cambridge:
4. Cambridge University Press, 1994. Ram Chandra Guha, *India after*
5. Gandhi: *The History of the World's Largest Democracy*, New Delhi:
6. Picador, 2007

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## HISTORY

### SEMESTER-II

#### GE-2: HISTORY OF INDIA (C. 1857 - 1950)

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

#### **MODULE-1: Cultures changes and Social and Religious Reform Movements:**

The advent of printing and its implications

Reform and Revival: Brahmo Samaj, and Ramakrishna and Vivekananda, Arya Samaj, Caste: sanskritisation and Westernization trends

#### **MODULE-2: Nationalism: Trends up to 1919:**

Formation of INC, Moderates and extremists trends in INC.; Swedish movement Revolutionaries

#### **MODULE-3: Gandhian nationalism after 1919: Ideas and Movements:**

Mahatma Gandhi: his Perspectives and Methods

Rowlett Act, Jallianwala Bagh Massacre, Non- Cooperation, Civil Disobedience, Quit India Formation and Role of INA

States people movements and Integration of princely states

#### **MODULE-4: Communalism:**

Ideologies and practices, RSS, Hindu Maha Sabha, Muslim League.

#### **MODULE-5: Independence and Partition**

Negotiations for independence; Indian Independence Act 1947; Partition

#### **ESSENTIAL READINGS**

Judith Brown, Gandhi's rise to Power, 1915-22.

Paul Brass, The Politics of India Since Independence, OUP, 1990.

Bipan Chandra, Nationalism and Colonialism in Modern India, 1979.

Bipan Chandra, Rise and Growth of Economic Nationalism in India.

Mohandas K. Gandhi, An Autobiography or The Story of My Experiments with Truth.

Ranajit Guha, ed., A Subaltern Studies Reader.

Peter Hardy, Muslims of British India.

Mushirul Hasan, ed., India's Partition, Oxford in India Readings.

John R. McLane, Indian Nationalism and the Early Congress.

Jawaharlal Nehru, An Autobiography.

Gyanendra Pandey, The Construction of Communalism in colonial north India.

Sumit Sarkar, Modern India, 1885-1947.

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## SOCIOLOGY

### SEMESTER-I

#### GE-1: INTRODUCTION TO SOCIOLOGY

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

**MODULE-1: Sociology:** Definition and Subject matter, Nature and Scope, Emergence of Sociology, Sociology and its relationship with Anthropology, Political Science, Economics, and History

**MODULE-2: Basic Concepts:** Society, Culture, Community, Institutions, Association, Social Structure, Status and Role, Norms and Values, Folkways and Mores

**MODULE-3: Individual and Society :** Individual and society, Socialization, Stages and agencies of Socialization, The Concept of Group : Types of Groups – Primary and Secondary groups, In-Group and Out-group, Reference Group

**MODULE-4: Social Stratification:** Caste, Class, Power, Gender and Race. Theories of Stratification – Functionalist, Marxist, Weberian. Social mobility and its determinants.

**MODULE-5: Social Control:** Meaning and types, Formal and Informal social control, Agencies of Social control

**Social Processes:** Associative and Dissociative processes – Cooperation, Assimilation, accommodation, Competition, and conflict

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## SOCIOLOGY

### SEMESTER-II

#### GE-2: INDIAN SOCIETY

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

**MODULE-1 : Composition of Indian Society** : Religious composition, ethnic composition, caste composition. Unity in Diversities. Threats to National Integration: Communalism, Castesim, Linguism and Regionalism.

**MODULE-2: Historical moorings** and bases of Hindu Social Organization, Varna, Ashrama and Purushartha. Doctrine of Karma.

**MODULE -3 : Marriage and Family in India.** Hindu marriage as Sacrament, Forms of Hindu Marriage. The Hindu joint family: Patriarchal and Matriarchal systems. Hindu Marriage Act of 1955. Changes in Marriage and Family.

**MODULE-4 : The Caste system in India:** Origin, Features and Functions. Caste and Class, The Dominant Caste, Changes in Caste system, Caste and Politics in India. Constitutional and legal provisions for the Scheduled Castes, Scheduled Tribe.

**MODULE-5: Social Change in Modern India:** Sanskritization, Westernization, Secularization, and Modernization.

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## ANTHROPOLOGY

### SEMESTER-III

#### GE-3: ANTHROPOLOGY OF RELIGION, POLITICS AND ECONOMY

(CREDITS: 6, Theory=4 + Practical=2)

(Total Marks: 100, Mid Sem=15, Practical=25, Term End=60: Duration: 3 hrs.)

**MODULE-1:** Anthropological approaches to understand religion- magic, animism, animatism, totemism, naturism; witchcraft and sorcery; Religious specialists: shaman, priests, mystics;

**MODULE-2:** Overview of Anthropological Theories of Religion; Religion as the sacrality of ecological adaptation and socialness.

**MODULE-3:** Economic institutions: principles of production, distribution, and consumption in simple and complex societies; critical examination of relationship between economy and society through neoclassical, substantivist, and neo-Marxist approaches, various forms of exchange: barter, trade and market; Forms of currencies; reciprocities: generalized, balanced and negative.

**MODULE-4:** Political institutions: concepts of power and authority; types of authority; state and stateless societies; law and justice in simple and complex societies; the prospects for democracy and tolerance among and within the world's diverse civilizations; the meaning and sources of identity in complex contemporary societies; the origins of modern politics, its institutions, and cultures, both Western and non-Western.

**MODULE-5:** Interrelationship between religion, politics and economy; religious conversion and movements, emergence of new religious sects in the global order.

#### **PRACTICAL: Mark 25 / Credit- 2**

Case study of any of the social institute (religion, economic, political) with respect to culture perspective.

#### **Suggested Readings:**

2. Durkheim E. (1986). The elementary forms of the religious life, a study in religious sociology. New York:Macmillan.
3. Benedict A. (2006). Imagined Communities: Reflections on the Origin and Spread of Nationalism. Verso
4. Gledhill J. (2000). Power and Its Disguises: Anthropological Perspectives on Politics. 2nd ed. London:Pluto Press.
5. Ellis F. (2000). A framework for livelihood analysis. In Rural Livelihoods and Diversity in Developing Countries . Oxford: Oxford University Press.

6. Henrich J, Boyd R, Bowles S, Camerer C, Fehr E, Gintis H, McElreath R, Alvard M et al. (2005). 'Economic Man' in cross-cultural perspective: Behavioral experiments in 15 small-scale societies. *Behavior and Brain Science*. 28(6):795-815;
7. Lambek. M. (2008) *A Reader in the Anthropology of Religion*.
8. Eller JD. (2007). *Introducing Anthropology of Religion*. New York: Routledge.
9. Glazier SD. (1997). *Anthropology of Religion: A Handbook*. Westport, CT: Greenwood Press.
10. Barbara M. (2011). *Cultural Anthropology*. New Jersey: Pearson Education.
11. Ember CR. (2011). *Anthropology*. New Delhi: Dorling Kinderslay.
12. Malinowski B. (1922) *Argonauts of the Western Pacific*. London: Routledge.
13. Polanyi K. et al (1957), *Trade and Market in the Early Empires*. Chicago: Henry Regnery Company.
14. Balandier G. (1972). *Political Anthropology*. Middlesex: Penguin.

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## ANTHROPOLOGY

### SEMESTER-IV

#### GE-4: TRIBAL CULTURES OF INDIA

(CREDITS: 6, Theory=4 + Practical=2)

(Total Marks: 100, Mid Sem=15, Practical=25, Term End=60: Duration: 3 hrs.)

**MODULE-1:** Concept of tribes and its problematic nature, General and specific characteristics of tribes, Classification and distribution of tribes based on their economy, occupation and religion,

**MODULE-2:** Racial elements among the tribes, Scheduled and non-scheduled categories of tribes, Particularly Vulnerable Tribal Groups (PVTGs).

**MODULE-3:** Tribe- caste continuum, Gender and Tribe, Distribution of tribes in India.

**MODULE-4:** Tribes: Nomenclature- emic and etic differences; Tribal movements, Problems of tribal development.

**MODULE-5:** Forest policies and tribes, Migration and occupational shift, Tribal arts and aesthetics Displacement, rehabilitation and social change Globalization among Indian tribes.

#### **PRACTICAL: Mark 25 / Credit- 2**

1. Distribution of Indian Tribes: PVTGs, ST
2. Location of different tribes on the map of India
3. Write an annotated bibliography on any one tribe
4. Write the social structure of any one tribe of India

#### **Suggested Readings:**

1. Behera, D.K and Georg pfeffer. *Contemporary Society Tribal Studies, Volume I to VII*. New Delhi: Concept Publishing Company
2. Georg Pfeffer. *Hunters, Tribes and Peasant: Cultural Crisis and Comparison*. Bhubaneswar: Niswas.
3. Vidarthy, L.P. and Rai. *Applied Anthropology in India*.
4. Vidarthy.L.P. and B.N. Sahay . *Applied Anthropology and Development in India*. New Delhi: National Publishing House

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## ECONOMICS

### SEMESTER-III

#### GE-3: FUNDAMENTALS OF ECONOMICS

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

**MODULE-1:** Meaning of demand, law of demand, determinants of market demand, elasticity of demand, degrees and elasticity of demand, determinants of elasticity of demand, Indifference curve: meaning, properties.

**MODULE-2:** Meaning of costs, types, short run cost curves, Revenues, types of revenue in different market structure.

**MODULE-3:** Meaning of market, types of market, equilibrium price determination in perfect competition market, monopoly market, monopolistic competition market.

**MODULE-4:** Meaning of national income, concepts of national income / identities, measurement of national income by income, product and expenditure methods, difficulties of measurement of national income.

**MODULE-5:** Meaning of inflation, types, causes and effects of inflation, meaning of deflation, types, causes and effects of deflation, methods of controlling inflation and deflation (monetary measures and fiscal measures)

**Basic Readings:**

1. Introductory Economics: by Siddique & Siddique, Laxmi Publication, New Delhi.
2. Principles of Micro Economics: by H.L.Ahuja, S.Chand Publication.
3. Macro Economic Analysis: by R.D. Gupta.
4. Monetary Economics: By R.R.Paul.

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**ECONOMICS**

**SEMESTER-IV**

**GE-4: INDIAN ECONOMY**

**(CREDITS: 6, Theory=6)**

**(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)**

**MODULE-1: Current challenges:** Features of Indian economy,

**Population Explosion:** causes and effects.

**Poverty:** Definition and estimate, poverty line, poverty alleviation programmes.

**Inequality:** Income and Regional inequality, causes and corrective measures.

**Unemployment:** Concepts, Measurement, Types, Causes and Remedies.

**MODULE-2: Agricultural development in India**

Indian Agriculture: nature, importance, trends in agricultural production and productivity, factors determining production, land reforms, new agricultural strategies, and green revolution, rural credit, agricultural marketing and warehousing.

**MODULE-3: Industrial development in India**

Trends in industrial output and productivities, Industrial Policies of 1948, 1956, 1977 and 1991. Industrial licensing policies-MRTP Act, FERA and FEMA, Growth and Problems of SSIs, Industrial Sickness, Industrial Finance, Industrial Labour.

**MODULE-4: External Sector**

**Foreign trade:** role, composition and direction of India's foreign trade, trends of export and import in India, export promotion versus import substitution, balance of payment of india, India's trade policies, **Foreign capital** : FDI, AID and MNCs.

**MODULE-5: Indian monetary and credit system**

Role of credit, sources of credit, role of RBI, Indian stock exchange: its role, importance and functions.

**Basic Readings:**

1. Indian Economy: by S.K.Mishra and V.K.Puri, Himalaya Publishing House, Mumbai.
2. Indian Economy Since Independence: by U.Kapila.
3. Indian Economy: by R.Dutt and K.P.M. Sundharam.
4. Misra, S. K. and Puri V. K. Indian Economy — Its Development Experience. Himalaya Publishing House, Mumbai
5. Agarawala, A. N. Indian Economy, New Age Publications, New Delhi
6. Acharya, S. and Mohan, R. (Eds.) (2010): India's Economy: Performance and Challenges, Oxford University Press, New Delhi.
7. Kapila U. *Indian economy since Independence*. Academic Foundation, New Delhi

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## GEOGRAPHY

### SEMESTER-III

#### GE-3: DISASTER MANAGEMENT

(CREDITS: 6, Theory=4 + Practical=2)

(Total Marks: 100, Mid Sem=15, Practical=25, Term End=60: Duration: 3 hrs.)

**MODULE-1:** Disasters: Definition and Concepts: Hazards, Disasters; Risk and Vulnerability; Classification

**MODULE-2:** Disasters in India:

Flood: Causes, Impact, Distribution and Mapping; Landslide: Causes, Impact, Distribution and Mapping; Drought: Causes, Impact, Distribution and Mapping

**MODULE-3:** Disasters in India:

Earthquake and Tsunami: Causes, Impact, Distribution; Mapping; Cyclone: Causes, Impact, Distribution and Mapping.

**MODULE-4:** Manmade disasters: Causes, Impact, Distribution and Mapping

**MODULE-5:** Response and Mitigation to Disasters:

Mitigation and Preparedness, NDMA and NIDM; Indigenous Knowledge and Community-Based Disaster Management; Do's and Don'ts During and Post Disasters

**PRACTICAL: Mark 25 / Credit- 2**

The Project Report based on any two fields based case studies among following disasters and one disaster preparedness plan of respective locality:

Flood; Drought; Cyclone and Hailstorms; Earthquake; Landslides; Human Induced Disasters: Fire Hazards, Chemical, Industrial accidents

#### Reading List

1. Government of India. (1997) Vulnerability Atlas of India. New Delhi, Building Materials & Technology Promotion Council, Ministry of Urban Development, Government of India.
2. Kapur, A. (2010) Vulnerable India: A Geographical Study of Disasters, Sage Publication, New Delhi.
3. Modh, S. (2010) Managing Natural Disaster: Hydrological, Marine and Geological Disasters, Macmillan, Delhi.
4. Singh, R.B. (2005) Risk Assessment and Vulnerability Analysis, IGNOU, New Delhi. Chapter 1, 2 and 3
5. Singh, R. B. (ed.), (2006) Natural Hazards and Disaster Management: Vulnerability and Mitigation, Rawat Publications, New Delhi.
6. Sinha, A. (2001). Disaster Management: Lessons Drawn and Strategies for Future, New United Press, New Delhi.
7. Stoltman, J.P. et al. (2004) International Perspectives on Natural Disasters, Kluwer Academic Publications. Dordrecht.
8. Singh Jagbir (2007) "Disaster Management Future Challenges and Opportunities", 2007. Publisher-
9. I.K. International Pvt. Ltd. S-25, Green Park Extension, Uphaar Cinema Market, New Delhi, India (www.ikbooks.com).

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## GEOGRAPHY

### SEMESTER-IV

#### GE-4: CLIMATE CHANGE: VULNERABILITY AND ADAPTATION

(CREDITS: 6, Theory=4 + Practical=2)

(Total Marks: 100, Mid Sem=15, Practical=25, Term End=60: Duration: 3 hrs.)

**MODULE-1:** Science of Climate Change: Understanding Climate Change; Green House Gases and Global Warming; Global Climatic Assessment- IPCC

**MODULE-2:** Climate Change and Vulnerability: Physical Vulnerability; Economic Vulnerability; Social Vulnerability

**MODULE-3:** Impact of Climate Change: Agriculture and Water; Flora and Fauna; Human Health

**MODULE-4:** Adaptation and Mitigation: Global Initiatives with Particular Reference to South Asia.

**MODULE-5:** National Action Plan on Climate Change; Local Institutions (Urban Local Bodies, Panchayats)

**PRACTICAL: Mark 25 / Credit- 2**

*The Project Report based on any two fields based case studies among following of respective locality*

Climate Risk and Vulnerability Assessments

Identification of vulnerability situation

Impact of Climate Change: Agriculture and Water; Flora and Fauna; Human Health

Adaption and Mitigation measure: Agriculture and Water; Flora and Fauna; Human Health

**Reading List**

1. IPCC. (2007) Climate Change 2007: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.
2. IPCC (2014) *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.
3. IPCC (2014) *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part B: Regional Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.
4. Palutikof, J. P., van der Linden, P. J. and Hanson, C. E. (eds.), Cambridge University Press, Cambridge, UK.
5. OECD. (2008) Climate Change Mitigation: What Do we Do? Organisation and Economic Cooperation and Development.
7. UNEP. (2007) Global Environment Outlook: GEO4: Environment for Development, United Nations Environment Programme.
8. Singh, M., Singh, R.B. and Hassan, M.I. (Eds.) (2014) Climate change and biodiversity: Proceedings of IGU Rohtak Conference, Volume 1. Advances in Geographical and Environmental Studies, Springer
9. Sen Roy, S. and Singh, R.B. (2002) Climate Variability, Extreme Events and Agricultural Productivity in Mountain Regions, Oxford & IBH Pub., New Delhi.



**POLITICAL SCIENCE**

**SEMESTER-III**

**GE-3: NATIONALISM IN INDIA**

**(CREDITS: 6, Theory=6)**

**(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)**

**MODULE-1:** Nationalism; Approaches to the study of Nationalism in India.; Nationalist and Imperialist Interpretations.; Marxist and subaltern Interpretations

**MODULE-2:** Major Social and Religious movements in 19<sup>th</sup> century; Raja Rammohan Roy and Dayananda Saraswati; Jyotiba Phule and Iswar Chandra Bidyasagar.

**MODULE-3:** Nationalist Politics and Expansion of its Social Base; Phases of Nationalist Movement: Liberal Constitutionalists (Moderates), Swadeshi (Extremists) and the Radicals. Gandhi and Mass Mobilisation, Congress socialists, Communists.

**MODULE-4:** Social Movements; The Women's Question: Participation in the National Movements, Its Impact (Role of Women in Indian Nationalism).

Anti Brahmanical movements, peasant and tribal.

**MODULE-5:** Partition and Independence; Communalism in Indian Politics: Causes and Impact.

The Two-Nation Theory and Partition: Iqbal Sayeed Ahmed Khan, Jinnah and The Mountbatten Plan.

**Reading List**

S. Bandopadhyay, (2004) *From Plassey to Partition: A History of Modern India*, New Delhi: Orient Longman, pp. 184-191.

R. Thapar. (2000) 'Interpretations of Colonial History: Colonial, Nationalist, Post-colonial', in P. DeSouza, (ed.) *Contemporary India: Transitions*, New Delhi: Sage Publications, pp. 25-36.

S. Bandopadhyay, (2004) *From Plassey to Partition: A History of Modern India*, New Delhi: Orient Longman, pp.139-158, 234-276.

- A. Sen, (2007) 'The idea of Social Reform and its Critique among Hindus of Nineteenth Century India', in S. Bhattacharya, (ed.) *Development of Modern Indian Thought and the Social Sciences*, Vol. X. New Delhi: Oxford University Press.
- S. Bandopadhyay, (2004) *From Plassey to Partition: A History of Modern India*. New Delhi: Orient Longman, pp. 279-311.
- S. Sarkar, (1983) *Modern India (1885-1947)*, New Delhi: Macmillan,
- P. Chatterjee, (1993) 'The Nation and its Past', in P. Chatterjee, *The Nation and its Fragments: Colonial and Postcolonial Histories*. New Delhi: Oxford University Press, pp. 76-115.
- A. Jalal, and S. Bose, (1997) *Modern South Asia: History, Culture, and Political Economy*. New Delhi: Oxford University Press, pp. 135-156.
- A. Nandy, (2005) *Rashtravād banam Deshbhakti* Translated by A. Dubey, New Delhi: Vani Prakashan. pp. 23-33. (The original essay in English is from A. Nandy, (1994) New Delhi: Oxford University Press, pp.18.)
- Additional Readings:**
- B. Chakrabarty and R. Pandey, (2010) *Modern Indian Political Thought*, New Delhi: Sage Publications.
- P. Chatterjee, (1993) *The Nation and its Fragments: Colonial and Postcolonial Histories*, New Delhi: Oxford University Press.
- R. Pradhan, (2008) *Raj to Swaraj*, New Delhi: Macmillan (Available in Hindi).
- S. Islam, (2006) *Bharat Mein Algaovaad aur Dharm*, New Delhi: Vani Prakashan.



## POLITICAL SCIENCE

### SEMESTER-IV

#### GE-4: GANDHI AND CONTEMPORARY WORLD

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

#### **MODULE-1:** Gandhi and Legacy

Gandhi and Anti-racism, Gandhi in South Africa, Gandhi and Martin Luther  
Gandhi and Freedom struggle: Concept of swaraj, Non-cooperation Movement, Civil Disobedience Movement, Quit India Movement

#### **MODULE-2:** Gandhi and Techniques:

Non-Violence, Swadeshi, Concept of Satyagraha, Fasting and Picketing  
Communal harmony, Women Emancipation and Critique Caste.

#### **MODULE-3:** Gandhi and Mass Mobilisation

Peasant mobilization: Champaran and Kheda.  
Gandhi and Democracy.

#### **MODULE-4:** Gandhi and Communitarian values

Role of state & participatory democracy, Panchayati Raj system.  
Modernization: Ahmedabad Mill strike, concept of Trusteeship and Narmada Bachao Andolan.

#### **MODULE-5:** Relevance of Gandhi

Jayaprakash Narayan: Total Revolution.  
Vinoba Bhave: Bhoodan Movement.

#### **READING LIST**

- B. Parekh, (1997) 'The Critique of Modernity', in *Gandhi: A Brief Insight*, Delhi: Sterling Publishing Company, pp. 63-74.
- K. Ishii, (2001) 'The Socio-economic Thoughts of Mahatma Gandhi: As an Origin of Alternative Development', *Review of Social Economy*. Vol. 59 (3), pp. 297-312.
- D. Hardiman, (2003) 'Narmada Bachao Andolan', in *Gandhi in his Time and Ours*. Delhi: Oxford University Press, pp. 224- 234.
- A Baviskar, (1995) 'The Politics of the Andolan', in *In the Belly of the River: Tribal Conflict Over Development in the Narmada Valley*, Delhi: Oxford University Press, pp.202-228.
- R Iyer, (ed) (1993) 'Chapter 4' in *The Essential Writings of Mahatma Gandhi*, New Delhi: Oxford University Press.
- R. Ramashray, (1984) 'Liberty Versus Liberation', in *Self and Society: A Study in Gandhian Thought*, New Delhi: Sage Publication.
- B. Parekh, (1997) 'Satyagrah', in *Gandhi: A Brief Insight*, Delhi: Sterling Publishing Company, pp. 51-63.
- D. Dalton, (2000) 'Gandhi's originality', in A. Parel (ed) *Gandhi, Freedom and Self-Rule*, New Delhi: Lexington Books, pp.63-86.
- D. Hardiman, (1981) 'The Kheda Satyagraha', in *Peasant Nationalists of Gujarat: Kheda District, 1917-1934*, Delhi: Oxford University Press, pp. 86-113.

J. Brown, (2000) 'Gandhi and Human Rights: In search of True humanity', in A. Parel (ed) *Gandhi, Freedom and Self-Rule*, New Delhi: Lexington Books, pp. 93-100.  
 R. Iyer, (2000) 'Chapter 10 and 11', in *The Moral and Political Thought of Mahatma Gandhi*, New Delhi: Oxford University Press, pp. 251-344

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**ODIA**  
**SEMESTER-III**  
**GE-3: ODIA**

**(CREDITS: 6, Theory=6)**

**(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)**

**GE-3 : ସାହିତ୍ୟ ଅଧ୍ୟୟନ**

୧ମ ଉପାଂଶ : ପ୍ରବନ୍ଧ ଚୟନ (ସଂ ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ)

ଘାଠ୍ୟ : ଅନନ୍ତ ପ୍ରେମ - ବିଶ୍ୱନାଥ କର; ସାରଳା ସାହିତ୍ୟ ବଂଶୀଧର ମହାନ୍ତି; ସୂର୍ଯ୍ୟଧର କର ଛାନ୍ଦ - ଚନ୍ଦ୍ରଶେଖର ରଥ

୨ୟ ଉପାଂଶ : କବିତା ଚୟନ (ସଂ ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ)

ଘାଠ୍ୟ : କଞ୍ଚୁକିର ଭବନୀ ରାଧାନାଥ ରାୟ; ତିନୋଟି ସନେଟ ମାୟାଧର ମାନସିଂହ; ସନ୍ଥ ଓ ମୁଁ ସୌଭାଗ୍ୟ କୁମାର ମିଶ୍ର  
**୩ୟ ଉପାଂଶ :** ଅବବୋଧ ପରୀକ୍ଷଣ - (ଗୋଟିଏଥ ପଦ୍ୟ ପରିଚ୍ଛେଦଠାରୁ ଶବ୍ଦ ମଧ୍ୟରେ ଅଥବା କ୍ଷୁଦ୍ର କବିତାଟିଏ ପଢ଼ିବ ।  
 ତହିଁଠାରୁ ପ୍ରଶ୍ନ ଅବବୋଧ ପରୀକ୍ଷଣମୂଳକ ଉତ୍ତର ପାଇଁ ଆଗତ ହେବ ।

**୪ର୍ଥ ଉପାଂଶ :** ପ୍ରବଚନ/ଛାନ୍ଦ ଆଶ୍ରିତ ସର୍ଜନାତ୍ମକ ଲିଖନ (ଗୋଟିଏଥ ପ୍ରବଚନ / ଢଗଢୁଇ ଆଗତ କରାଯିବ । ଓଡ଼ ଭବାନୀ  
 ୨୦୦ଟି ଶବ୍ଦ ମଧ୍ୟରେ ସଂପ୍ରସାରଣ କରି ଲେଖିବାକୁ ଶିକ୍ଷା ଦିଆଯିବ)

**୫ମ ଉପାଂଶ :** ଶବ୍ଦ ଅର୍ଥ ଓ ତାହାର ଛାନ୍ଦ ଲିଖନ (ସର୍ବମୂଳକ ଅର୍ଥ/ପ୍ରତ୍ୟୟମୂଳକ ଅର୍ଥ/ବଚନଗତ ଅର୍ଥ/ସମାପ-  
 ଲିଙ୍ଗ-ବ୍ୟାକରଣଗତ ଅର୍ଥ ଓ ଏହା ସେଥିରୁ ନିର୍ଗତ ଶବ୍ଦ)

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**ODIA**  
**SEMESTER-IV**  
**(CREDITS: 6, Theory=6)**

**(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)**

**GE-4: ଗାମ୍ୟ କୈତ୍ରିକ ପଦ୍ୟ ଓ ଗଦ୍ୟ**

୧ମ ଉପାଂଶ : ପଲ୍ଲୀ କୈତ୍ରିକ କବିତା

ଗ୍ରାମ ଖଳା - ନବକିଶୋର ବଳ; ଛୋଟ ମୋର ଗାଁଟି ସଜ୍ଜିତନନ୍ଦ ରାଠିଆ; ଗ୍ରାମପଥ - ବିନୋଦ ନାୟକ

୨ୟ ଉପାଂଶ : କୃଷି ଓ ଗ୍ରାମ୍ୟକୈତ୍ରିକ ଉପନ୍ୟାସ

ମାଟିର ମଣିଷ କାଳିନ୍ଦୀ ଚରଣ; ଅଥବା ପଠି ଗୋଟେ ଗାଁ ଥିଲା ରଶ୍ମୀ ରା

**୩ୟ ଉପାଂଶ :** ଗାମ୍ୟକୈତ୍ରିକ ଗଦ୍ୟ

ଗାଁ ମଞ୍ଜିସି ଦୁରେକୃଷ୍ଣ ମହତାବ, ୧ମ ଭାଗ, ୩ଟି ପ୍ରବନ୍ଧ; ଅଥବା ଗାଁର ତାଳ - ଭୁବନେଶ୍ୱର ବେହେରା, ପ୍ରଥମ ତିନୋଟି  
 ପ୍ରବନ୍ଧ

**୪ର୍ଥ ଉପାଂଶ :** ଓଡ଼ିଆ ଢଗଢମାଳି

**୫ମ ଉପାଂଶ :** ଓଡ଼ିଆ ପର୍ବପର୍ବାଣିଆଗାଳ, ରଜ ପର୍ବ)

**ସହାୟକ ଗ୍ରନ୍ଥମାଳା :**

୧- ପ୍ରାୟୋଗିକ ଭାଷା ବିଜ୍ଞାନର ବିଗବିଗ : ପଟ୍ଟନାୟକ କେ ବି, ଓଡ଼ିଆ ସ୍ତ୍ରୀପୁଂସକ ପ୍ରଣୟନ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା, ଭୁବନେଶ୍ୱର

୨- ସଂଯୋଗ ଅର୍ଥମୟ : ଦ୍ୱିପାଠୀ ସନ୍ତୋଷ, ନାଲନ୍ଦା, କଟକ

୩- କବିତାର ମାନବିକ : ମହାନ୍ତି ଜାନକୀ ବଲ୍ଲଭ, ପ୍ରେମପୁସ୍ତକାଳୟ

୪- ଓଡ଼ିଆ ଭାଷା ବିଭବ : ମହାପାତ୍ର ବିଜୟ ପ୍ରସାଦ, ବିଦ୍ୟାଳୟ, କଟକ

୫- ବୃତ୍ତି ଓ ମୋ ପୋଷଣ : ମହାନ୍ତି ପଞ୍ଚାନନ ଭୁବନେଶ୍ୱର

୬- ପ୍ରାଚୀନ ପୋଥି ଓ ସଂପାଦନା ପଦ୍ଧତି ଓ ଅଧୁନାତନ ଶିକ୍ଷଣ - ପଟ୍ଟନାୟକ, ଅକ୍ଷୟ, ଭୁବନେଶ୍ୱର

୭- ମଞ୍ଚ ଓ ନାଟକର କଳାଶିଳ୍ପ - ସାହୁ ନାରାୟଣ, ଓଡ଼ିଶା ରାଜ୍ୟ ପାଠ୍ୟପୁସ୍ତକ ଓ ପ୍ରକାଶନ ସଂସ୍ଥା

୮- ଶବ୍ଦର ଆକାଶ ପୃଷ୍ଠର ଦିଗ୍ଗମୟ - ଶତପଥୀ ରବି, କଟକ

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## SANSKRIT

### SEMESTER-I

#### CORE-1: MORAL TEACHINGS AND BASICS OF SANSKRIT

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

##### MODULE-1:

1. *Hitopodeśa* (From *Kathā mukha* to *Gṛdhravidalakatha*) 30 Marks
2. *Yaksaprasna* of *Mahabharata* (*Aranyakaparva*, ch.297) 30 Marks
3. *Śabdārūpa* & *Dhātūrūpa* 20 Marks  
(‘a’ *karanta*, ‘i’ *karanta*, ‘ī’ *karanta*, ‘u’ *karanta*, ‘ū’ *karanta*, ‘in’ *bhaganta*, *Mātr*, *Pitr*, *Asmad*, *Yusmad*, *Tad* (*sabdarūpas*), *Lat*, *Lañ*, *Vidhiliñ*, *Lṛt*, *Lot* and *Litlakaras* of *Path*, *Ni*, *Kṛ*, *Sev*, *Han*, *Pā*, *Dā*, *Sru*, *Śī* and *Kṛiñ* in the form of *Ātmanepada*, *Parasmaipada* or *Ubhayapada* whichever is applicable. (*Dhātūrūpas*)

- MODULE-1 & 2:** *Hitopodeśa* (From *Kathā mukha* to *Gṛdhravidalakatha*) 30 Marks  
Long Question-1 15 Marks  
Short Questions-3 5×3= 15 Marks

- MODULE-3 & 4:** *Yaksaprasna* of *Mahabharata* 30 Marks  
Long Question-1 15 Marks  
Explanation - 1 8 Marks  
Textual Translation of a Verse 7 Marks

- MODULE-5:** *Śabdārūpa* & *Dhātūrūpa* 20 Marks  
*Śabdārūpa* -5 2×5= 10 Marks  
*Dhātūrūpa* -5 2×5= 10 Marks

##### Books for Reference:

1. *Hitopadesah* (*Mitralabhabh*) (Ed.) Kapildev Giri, Chaukhamba Publications, Varanasi.
2. *Hitopadesah* (*Mitralabhabh*) (Ed.) N.P. Dash and N.S. Mishra, Kalyani Publishers, New Delhi
3. *Vyakaranadarpana*, The Odisha State Bureau of Text Book Preparation and Production, Bhubaneswar, 2013
4. Critical edition of the *Mahabharata*, (Ed.) V.S. Sukthankar, BORI, Pune
5. *Mahabharata*, Gitapress, Gorakhpur

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#### CORE-2: DRAMA-I & HISTORY OF SANSKRIT LITERATURE-I

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

##### 1. *Abhijñanasakuntalam* (Act I-IV)

- MODULE-1:** Long Question-1 14 Marks  
**MODULE-2:** Short Questions-2 7×2= 14 Marks  
Explanation of Verse- 1 8 Marks  
**MODULE-3:** Textual Grammar 14 Marks  
i) *Sandhi* 1×2= 2 Marks  
ii) *Prakṛti- Pratyaya* 2×2= 4 Marks  
iii) *Karaka* & *Vibhakti* 2×2= 4 Marks  
iv) *Samasa* 2×2= 4 Marks

##### 2. History of Sanskrit Literature-I (*Ramayana*, *Mahabharata*) General out lines of *Puranas* and Sanskrit Drama) 30 Marks

- MODULE-4:** *Ramayana* & *Mahabharata*  
Long Question-1 10 Marks  
Short Question-1 05 Marks

##### 3. General Outlines of *Puranas* and Sanskrit Drama

- MODULE-5:** General Outlines of *Puranas* and Sanskrit Drama  
(*Bhasa*, *Kalidasa*, *Sudraka*, *Visakhadatta*, *Bhavabhuti*, *Bhattacharaya*)  
Long Question-1 10 Marks  
Short Question-1 05 Marks

**Books for Reference:**

1. *Abhijnanasakuntalam* (Ed.) R.M. Bose, Modern Book Agency Pvt. Ltd., 10 Bankim Chatterjee Street, Calcutta
2. *Abhijnanasakuntalam* (Ed.) M.R. Kale, Motilal Banarsidass Publishers Pvt. Ltd., New Delhi-11007, 8<sup>th</sup> Reprint-2010
3. *Abhijnanasakuntalam* (Ed.) R.M.Mohapatra, Books & Books, Cuttack
4. *Abhijnanasakuntalam* (Ed.) H.K. Satapathy, Students Store, Cuttack
5. *History of Sanskrit literature*, Baladev Upadhyay, Chaukhamba Publications, Varanasi.
6. *History of Sanskrit literature*, A.B.Keith (Trans. into Odia)Bhubaneswar kar, Text Book Bureau, Govt. of Odisha, Bhubaneswar
7. *Sanskrit Drama*, A.B.Keith, Oxford University Press, London
8. *Samskṛta Sahityara Itihasa*, (Odia) H.K. Satapathy, Kitab Mahal, Cuttack- 753003.

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**SEMESTER-II****CORE-3: DRAMA -II & DRAMATURGY**

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

**1. Abhijnanasakuntalam (Acts V-VII)****50 Marks****MODULE-1:** Long Question-1

14 Marks

**MODULE-2:** Short Questions-2

8×2= 16 Marks

**MODULE-3:** i) Explanation of Verse- 1

8 Marks

ii) Verse/ Dialogue Translation-1

7 Marks

iii) Translation from Prakrit to Sanskrit

5 Marks

**2. Dramaturgy (Sahityadarpana, Chapter- VI)****30 Marks****MODULE-4:** Notes on *Nandi, Prastavana, Purvaranga, Nataka, Prakarana, Anka* (any three)

5×3= 15

**MODULE-5:** Notes on *Pancha-arthaprakṛti, PanchaAvastha, Panchasandhi, Pancha-arthopaksepaka* (any three)

5×3= 15

**Books for Reference:**

1. (For *Abhijnanasakuntalam* as it was in CC-2.)
2. For Dramaturgy- *Sahitya Darpana*(Ed.) P.V.Kane, Motilal Banarsidass Publishers Pvt. Ltd., New Delhi
3. *Odia Translation* by Narayana Mohapatra, Odisha Sahitya Academy, Bhubaneswar.
4. *Sahitya Darpana* with Laksmi Tika (Sanskrit) and Vimala Tika, (Hindi) (Ed.) K.M. Sastri, Chaukhamba Publications, Varanasi.
5. *Sahityadarpana* evam Chhanda(Ed.) Braja Sundar Mishra, Satyanarayan Book Store, Cuttack

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**CORE-4: AN INTRODUCTION TO THE TECHNIQUE OF PANINIAN GRAMMAR & PROSODY**

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

**1. Vocabulary relevant to Sanskrit Grammar and Arrangement of Paninian Grammar****15 Marks**

(*Astadhyayi, Siddhantakaumudi, Ganapatha, Dhatupatha, Pancanga-vyakarana, Kriya, Atidesa, Adhikarana, Antaranga, Bahiranga, Apavada, Agama, Adesa, Nadi, Nistha, Krdanta, Taddhita, Tinanta, Nijanta, Sananta, Yananta, Namadhatu, Pragrhya, Vikarana, Luk, Lopa, Set, Mandukapluti, Sarvadhataka, Ardhadhataka* = 30)

**MODULE-1:** Short Notes on any - 5

3×5= 15Marks

**2. Samjnaprakaranam**

45Marks

**MODULE-2:** Two Questions out of 1<sup>st</sup> 10Sutras (Upto *tulyasyaprayatnamsavarnam*)

To be explained.

7 ½ ×2= 15 Marks

**MODULE-3:** Two Questions out of 2<sup>nd</sup> 10Sutras (From *a a* upto *cadayo'sattve*)

To be explained.

7 ½ ×2= 15 Marks

**MODULE-4:** Two Questions out of rest Sutras (From *pradayah* upto *dirgham ca*) to be explained. 7 ½ ×2= 15 Marks

**3. Chanda (Prosody)- Srutabodha** 20Marks

**MODULE-5:** Definition and Examples of 4 Chandas- 5×4=20 marks  
Arya, Anustubh, Indravajra, Upendravajra, Upajati, Vamsastha, Vasantatilaka, Mandakranta, Malini, Shikharini, Shardula-vikridita, Sragdhara.

**Books for Reference:**

1. *Siddhanta-kaumudi* with *Balamananora* and *Tattvabodhini*, Vol.I (Ed.) Giridhara Sharma Chaturveda, Motilal Banarsidass
2. *Siddhanta-kaumudi* with *Mitabhasini* Com., (Ed.) S.R. Ray, Sanskrit Pustak Bhandar, 38 Cornwallis St., Calcutta
3. *Siddhanta-kaumudi* with Eng Tr. (Ed.), S.C. Basu, Motilal Banarsidass, New Delhi-110007, Rpt-1995
4. *Vaiyakarana Siddhanta Kaumudi* (Ed.) M.V. Mahashabde, Poona
5. *Siddhanta-kaumudi* (Ed.) Prof. G.K. Dash & Dr(Mrs) K.Dash with *navanitatika*.
6. *Siddhanta-kaumudi* (Ed.) Minati Mishra, Vidyapuri, Cuttack
7. *Siddhanta-kaumudi* (Ed.) Dr. Niranjana Pati, Kalyani Publishers, New Delhi
8. *Siddhanta-kaumudi* (Ed.) P.R. Ray, Sailabala Womens College, (Skt. Dept.) Cuttack.
9. *Vyakaranadarpana*, The Odisha State Bureau of Text Book Preparation and Production, Bhubaneswar-2013
10. *Shrutabodha*, Hari Prasad Sharma, Nirnaya Sagar Press
11. *Sahityadarpana Evam Chhanda* (Ed.) Dr. Brajasundar Mishra, Satyanarayana Book Store, Cuttack.

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**SEMESTER-III**

**CORE-5: POETRY & HISTORY OF SANSKRIT LITERATURE- II**

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

<b>1. Meghadutam- (Purvamegha)</b>	<b>50 Marks</b>
<b>MODULE-1:</b> Long Question-1	15 Marks
<b>MODULE-2:</b> Short Questions-2	7 ½ ×2= 15 Marks
<b>MODULE-3:</b> i) Explanation of One Verse	12 Marks
ii) Translation of One Verse	8 Marks
<b>2. History of Sanskrit Literature-II</b>	<b>30 Marks</b>
<b>MODULE-4:</b> ( <i>Gitikavyas &amp; Khandakavyas</i> )	
Long Question-1	10 Marks
Short Question-1	05 Marks
<b>MODULE-5:</b> ( <i>Gadyakavyas, Kathasahitya</i> )	
Long Question-1	10 Marks
Short Question-1	05 Marks

**Books for Reference:**

1. *Meghadutam* (Ed.) S.R. Ray, Sanskrit Pustak Bhandar, 38 Cornwallis St., Calcutta
2. *Meghadutam* (Ed.) M.R. Kale, Motilal Banarsidass, Delhi
3. *Meghadutam* (Ed.) Radhamohan Mahapatra, Books and Books, Vinodvihari, Cuttack, 1984
4. *Meghadutam* (Ed.) B.S. Mishra, Vidyapuri, Cuttack, 1st Edn-1999
5. *Samskṛta Sahitya ka Itihasa*, Baladeva Upadhyaya, Choukhamba, Varanasi.
6. *Samskṛta Sahitya ka Ruparekha*, Vacaspati Goreilla, Choukhamba Vidyabhavan, Varanasi.
7. *Samskṛta Sahitya Itihasa*, H.K. Satapathy, Kitab Mahal, Cuttack

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**CORE-6: META-RULES OF PANINIAN GRAMMAR, POETICS AND FIGURES OF SPEECH**

**(CREDITS: 6, Theory=6)**

**(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)**

**1. Paribhasaparakaranam**

**30 Marks**

**MODULE-1:** Four Questions are to be explained.

7 <sup>1</sup>/<sub>2</sub> × 4 = 30 Marks

**2. Poetics**

**MODULE-2:** *Sahityadarpana* (Chaps I & II) (*Kavya-prayojana, Kavya-laksana, Kavya-bheda* and *Kavyahetu*)

Long Question-1

10 Marks

Short Question-1

05 Marks

**MODULE-3:** *Sahityadarpana* (Chap. III) (*Abhidha, Laksana, Vyanjana*)

Long Question-1

10 Marks

Short Question-1

05 Marks

**3. Figures of speech**

**MODULE-4:** *Sahityadarpana* (Ch. X)

5 × 4 = 20

Definition and Examples of Four *Alamkaras* 'figures of speech' out of Ten.

*Alamkaras* such as *Anuprasa, Yamaka, Slesa, Upama, Rupaka, Utpreksa,*

*Bhrantiman, Nidarsana, Arthantaranyasa, Aprastuta-prasamsa, Apahnuti,*

*Vyatireka, Vibhavana, Visesukti, Samasukti, Svabhavukti*

**Books for Reference:**

1. For *Siddhantakaumudi* - Please refer to CC-4.

2. For *Sahityadarpana* - Please refer to CC-3.

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**CORE-7: CASES AND CASE ENDINGS IN PANINIAN GRAMMAR & TRANSLATION- I**

**(CREDITS: 6, Theory=6)**

**(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)**

**1. Siddhantakaumudi (Karka-Vibhakti I-IV)**

**50 Marks**

**MODULE-1:** (*Prathama & Dvitiya*)

Four questions to be explained.

5 × 4 = 20 Marks

**MODULE-2:** (*Tritiya*)

Two questions to be explained

5 × 2 = 10 Marks

**MODULE-3:** (*Caturthi*)

Four questions to be explained.

5 × 4 = 20 Marks

**2. Translation from Sanskrit unseen passage into Odia/ English**

**30 Marks**

**MODULE-4:** One unseen Sanskrit Passage is to be given for Translation into Odia/ English

(At least 10 sentences)

10 × 3 = 30 Marks

**Books for Reference:**

1. For *Siddhantakaumudi* - As indicated earlier except the Book of P.R. Ray (The book Contains only *Samjna & Paribhasa*).

2. For Translation- *Vyakaranadarpana*, The Odisha State Bureau of Text Book Preparation and Production, Bhubaneswar- 2013;

*A Guide to Sanskrit Composition and Translation*, M.R. Kale, Motilal Banarsidass, New Delhi

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SEMESTER-IV

CORE-8: INSCRIPTIONS, UPANISAD & BHAGAVADGITA

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

<b>1. Inscription</b>	<b>30 Marks</b>
<i>(Girnar inscription of Rudradaman, Allahabad Stone Pillar Inscription of Samudragupta and Mandasore Inscription of Yasovarman )</i>	
<b>MODULE-1:</b> Long Question-1	15 Marks
<b>MODULE-2:</b> Short Questions-3	5×3= 15 Marks
<b>2. Kathopanisad(Adhyaya I, Vallis-I,II&amp;III)</b>	<b>30 Marks</b>
<b>MODULE-3:</b> Long Question-1	15 Marks
<b>MODULE-4:</b> i) Explanation - 1 Mantra	08 Marks
ii) Translation- 1 Mantra	07 Marks
<b>3. Bhagavadgita(Ch.XV)</b>	<b>20 Marks</b>
<b>MODULE-5:</b> Long Question-1	12 Marks
Translation- 1 Verse	08 Marks

**Books for Reference:**

1. *Selected Sanskrit Inscriptions* (Ed.) D.B. Pusalkar, Classical Publishers, New Delhi
2. *Abhilekhamala* (Ed.) Sarojini Bhuyan, Cuttack
3. *Abhilekhamala* (Ed.) Sujata Dash, Cuttack
4. *Abhilekhamayana*(Ed.) Jayanta Tripathy, Vidyapuri, Cuttack
5. *Isadi Nau Upanisad* with Sankarabhasya - Gita Press, Gorakhpur
6. *Kathopanisad* with *Sankarabhasya*(Ed.) V.K. Sharma, Sahitya Bhandar, Subhas Bazar, Meerut
7. *The message of the Upanisad* , Swami Ranganathananda, Bharatiya Vidya Bhavan,K.M. Muni Marg Mumbai.
8. *Shrimad-bhagavad-gita* (Ed.) S. Radhakrishnan
9. *Shrimad-bhagavad-gita* (Ed.) Gambhirananda, Ramakrishna Mission
10. *Shrimad-bhagavad-gita*, Gita Press, Gorakhpur

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CORE-9: CASE AND CASE ENDINGS OF PANINIAN GRAMMAR, TRANSLATION- II & LEXICON

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

<b>1.Siddhantakaumudi(Karaka- Vibhakti V-VII)</b>	
<b>MODULE-1:</b> (CASE-V)	Answer any Two questions 5×2= 10 Marks
<b>MODULE-2:</b> (CASE-VI)	Answer any Four questions 5×4= 20 Marks
<b>MODULE-3:</b> (CASE-VII)	Answer any Two questions 5×2= 10 Marks
<b>2. Translation- II</b>	<b>30 Marks</b>
<b>MODULE-4:</b> One unseen Passage of Odia is to be translated into Sanskrit. (At least Ten sentences)	30 Marks
<b>MODULE-5: Amarakosa</b> ( <i>Devata, Svarga, Visnu, Laksmi, Durga, Surya, Brahma, Kartikeya, Ganesa, Sarasvati from Svargavarga</i> ) Answer any Two questions	5×2= 10 Marks

**Books for Reference:**

1. For *Siddhantakaumudi* - Please refer to CC-7.
2. For Translation- -do-
3. *Namalinganusanam (Amarakosa)*, D.G. Padhye et al. Choukhamba Sanskrit Series, New Delhi

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## CORE-10: ORNATE PROSE & PROSE WRITING

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

<b>1. Dasakumaracaritam(PurvapithikaPrathamaUcchvasa)</b>	<b>30 Marks</b>
<b>MODULE-1:</b> Long Question-1	10 Marks
Explanation - 1	8 Marks
<b>MODULE-2:</b> Short questions- 2	6×2= 12 Marks
<b>2.Sukanasopadesa</b>	<b>20 Marks</b>
<b>MODULE-3:</b> One long question-	12 Marks
Translation of a sentence or part of it	8 Marks
<b>3.Essay in Sanskrit</b>	20 Marks
<b>MODULE-4:</b> Essay in Sanskrit (One)	20 Marks
<b>4.Expansion of Idea in Sanskrit</b>	10 Marks
<b>MODULE-5:</b> Expansion of Idea in Sanskrit- One	10 Marks

### Books for Reference:

1. *Dasakumaracarita* (Ed.) M.R. Kale, Motilal Banarsidass, Delhi
2. *Dasakumaracarita*, Chaukhamba Publications, Varanasi.
3. *Nibandhamala*, A.T. Sharma
4. *Samskrita-nibandha-shatakam*, Kapila Dev Divedi
5. *Brhat Anuvada Shiksha*. Chakradhara Hansa Nautiyal, MLBD, Delhi
6. *Samskrita-nibandhadarshah*, Ramamurti Sharma, Sahitya Niketan, Kanpur
7. *Sukanasopadesa*, (Ed.) Ramakanta Jha, Choukhamba Vidyabhavan, Varanasi
8. *Sukanasopadesa* (Ed.) Nimal Sundar Mishra, Kalyani Publishers, New Delhi
9. *Kadambari (Purvardham)* with the Com. of Bhanuchandra Siddhanjani, MLBD, New Delhi

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## SEMESTER - V

### CORE-11: ORNATE POETRY IN SANSKRIT & HISTORY OF SKT. LITERATURE -III

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

<b>1. Sisupalabadham(Canto-I Verses 01-48 )</b>	<b>30 Marks</b>
<b>MODULE-1:</b> Long Question-1	15 Marks
<b>MODULE-2:</b> i) Explanation of One Verse	10 Marks
ii) Translation of One Verse	05 Marks
<b>2. Kiratarjuniyam (Canto-I)</b>	<b>30 Marks</b>
<b>MODULE-3:</b> Long Question-1	15 Marks
<b>MODULE-4:</b> i) Explanation of One Verse	10 Marks
ii) Translation of One Verse	05 Marks
<b>3.History of Sanskrit literature- III (Mahakavya and Campu)</b>	<b>20 Marks</b>
<b>MODULE-5:</b> i) long question- One	12 Marks
ii) Short notes- 2	4×2= 8 Marks

### Books for Reference:

1. *Sisupalabadham* (Ed.) S.R. Ray/ Vallabhatika, Bharatiya Vidya Prakashan, New Delhi.
2. *Sisupalabadham* - Canto-I (Ed.), Devanarayan Mishra, (With *Sarvankasa-tika* of Mallinatha) Sahitya Bhandar, Meerut
3. *Kiratarjuniyam* (Cantos I-III) (Ed.) M.R. Kale, Motilal Banarsidass Publishers Pvt. Ltd., Delhi, 4<sup>th</sup> Edn-1966, Rpt-1993
4. *History of Sanskrit Literature*, H.R. Agarwal, Mohanlal Munsiram, Delhi
5. *History of Indian Literature* (Vol. I & II) M. Winternitz, Motilal Banarsidass Publishers Pvt. Ltd.

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## CORE-12: VEDA, VEDIC GRAMMAR & HISTORY OF VEDIC LITERATURE

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

### 1. Veda

30 Marks

Vedic Suktas from different *Samhitas*

Agni (RV- I.1), Indra (RV- II.12) , Savitr (RV- I.35), Usas (RV- I.48), Purusa-sukta (YV XXXI.1.16), Siva-samkalpa (YV-XXX.1.6), Samjnana(RV X.191), Vak(RV X.125)

**MODULE-1:** i) Long Question-1 12 Marks  
ii) Explanation - 1 Mantra 08 Marks

**MODULE-2:** i) Translation -1 Mantra 05 Marks  
ii) Grammar from the text- 2 questions  $2^{1/2} \times 2 = 05$  Marks

### 2. Vedic Grammar

20 Marks

The following Sutras are to be taught:

*Chandasi pare'pi, Vyavahitasca, Chaturtharthe bahulam chandasi, Chandasi lun-lan-litah, Linarthe let,Leto'datau, Sibbahulam leti, Itasca lopah parasmaipadesu, Sa uttamasya, Ata ai, Vaito'nyatra, Vyatyayo bahulam, Hr-grahor bhaschandasi, Chandasi ubhayatha, Tumarthe se-sen-ase-asen-kse-kasen-adyhai-adyain-kadhyai-kadhyain-shadhyai-shadhyain-tavai-taven-tavenah, Va chandasi, Shesh chandasi bahulam, Prakrtya'ntapadam avyapare, Nipatasya ca, Supam suluk purva-savarnac che-ya-da-yaj-alah, Idanto masi, Ajjaserasuk, Dirghadati samanapade*

**MODULE-3:** Long question- one 10 Marks  
Short questions- Two  $5 \times 2 = 10$  Marks

### 3. History of Vedic Literature

30 Marks

(*Samhita, Brahmana, Aranyaka, Upanisad*)

**MODULE-4** Long Question-1 15 Marks

**MODULE-5:** Short Questions-2  $7 \frac{1}{2} \times 2 = 15$  Marks

### Books for Reference:

1. *New Vedic Selection* (Part-I) (Ed.) Telang and Chaubey, Bharatiya Vidya Prakashan, New Delhi
2. *Veda O Vaidika Prakarana*, (Ed) Niranjana Pati, Vidyapuri, Cuttack.
3. *History of Indian Literature* Vol. I, M.Winternitz, MLBD, New Delhi
4. *Vaidika Sahitya aur Samskriti*, Baladeva Upadhyaya, Chaukhamba, Varanasi
5. *Vaidika sahitya o Samskriti*, A.C. Das, Grantha Mandira, Cuttack

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## SEMESTER - VI

### CORE-13: ARTHASASTRA, DHARMASTRA AND AYURVEDA

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

### 1. Arthashastra (*Adhikarana* I.1-4)

30 Marks

**MODULE-1 & 2:** *Arthashastra* from the beginning up to *Vinayadhikarana, Adhikarana* I.1-4  
Short Notes-4  $7 \frac{1}{2} \times 4 = 30$  Marks

### 2. Manuśmṛti (Chap- II. Verses from 1 to 52)

30 Marks

**MODULE-3 & 4:** *Manuśmṛti* Chap.II, Verses 1-52  
Short Notes-4  $7 \frac{1}{2} \times 4 = 30$  Marks

### 3. Ayurveda (*Carakasamhita, Dirghajivitiyadhyaya*-Verses 53-103)

20 marks

**MODULE-5:** Long Question-1 10 Marks  
Short Questions-2  $5 \times 2 = 10$  Marks

### Books for reference:

1. *Kautilya Arthashastra*, (Ed. & Trans.) R.P. Kangle, 3 Vols., Motilal Banarsidass, New Delhi
2. *The Arthashastra*, (Ed. & Trans.), L.N. Rangarajan, Penguin Classics, India, 1992

3. The *Arthashastra*. (Ed.) N.P. Unni, Bharatiya Vidya Prakashan, New Delhi
4. *Arthashastra* (Odia Trans.) Anantarma Kar, Odisha Sahitya Academy, Bhubaneswar
5. *Manu's Code of Law: A Critical Edition and Translation of the Mānava-Dharmaśāstra*. (Ed. Olivelle, Patrick, Oxford: Oxford University Press
6. *Kautilya Arthashastra*, (Ed.) Vachaspati Gairala, Chaukhamba publication, Varansi
7. *Manusmṛti*, (Ed.) Braja Kishor Swain, Sadgrantha Niketan, Srimandira, Puri
8. The *Charaka Samhitā*, (Trans.) A.C. Kaviratna and P. Sharma, 5 Vols., Indian Medical Science Series, Sri Sadguru Publications, a division of Indian Books Centre, Delhi 81
9. *Caraka-Samhitā*: Agniśeṣa's Treatise Refined and annotated by Caraka and Redacted by Drdhabala (text with English translation), Sharma, P. V., Chaukhambha Orientalia, 1981--1994.
10. *Agniśeṣa's Caraka Samhitā* (Text with English Translation & Critical Exposition Based on Cakrapāṇi Datta's Āyurveda Dīpikā), R.K. Sharma & Bhagwan Dash, Chowkhamba Sanskrit Series Office, 1976--2002. Another good English translation of the whole text, with paraphrases of the commentary of Cakrapāṇidatta.

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#### CORE-14: TECHNICAL LITERATURE IN SANSKRIT (JYOYISHA & VASTU)

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

<b>1. Jyotisa</b>		<b>40 marks</b>
<b>MODULE-1, 2 &amp; 3:</b>	Four Questions	10 ×4= 40 Marks
<b>2. Vastu</b>		<b>40 marks</b>
<b>MODULE-4 &amp; 5</b>	Four questions	10 ×4= 40 Marks

#### Books for Reference:

1. *Jyotihsara-ratnavali*(Part-I) (Ed.) Pandit Baikoli Mahapatra, Radhakrishna Pustakalaya, Satyanarayan Temple Road, Berhampur, Ganjam, Odisha
2. *Vasturatnakar* (Ed.) Vindhreshwari Prasad Dwivedi, Chowkhamba Krishnadas Academy, Varanasi

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## DISCIPLINE SPECIFIC ELECTIVE (DSE)

### SANSKRIT

#### DSE-1: THE SCIENCE OF VASTU AND VRKSA

(CREDITS: 6, Theory=6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

1. Vastuvidya in Brhatsaimhita (Chap-53).
2. Vrkseyurveda in Brhatsaimhita (Chap-55)

**MODULE-1, 2 & 3** : Vastuvidya in Brhatsaimhita : Five questions (10X5=50)

**MODULE-4 & 5** : Vrkseyurveda in Brhatsaimhita : Three questions (10X3=30)

#### Books for References

1. *Brhatsaimhita of Varohamihir (Ed) N.Chidombex Iyev, Divine Books, New Delhi.*
2. *Brhatsamhita with Vattapaliya Vivrities (Ed) Sudhakar Dwivedi and (re-edited by Krushna Chandra Dwivedi)*
3. *Brhatsamhita (Hindi Trans) Achuta Nanda Jha, Choukhamba Prakasan, Varanasi.*
4. *Vrkseyurveda of Brhat samhita (Ed) N.P.Dash Vidyapuri Cuttack.*

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#### DSE-2 : SOCIO POLITICAL THOUGHT IN ANCIENT INDIA

(CREDITS: 6, Theory-6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

1. Yajnavalkyasmṛti (Vyavaharadyagh, Verses-1–65)
2. Manusmṛti (Chap-VII, Verses-1–60)

**MODULE-1 & 2** : Yajnavalkyasmṛthi Five short questions (7X5=35)

**MODULE-3 & 4** : Manusmṛti Five short questions (7X5=35)

**MODULE-5** : Translation of Two verses from the above Modules (5X2=10)

#### Books for References

1. *Yajnavalkyasmṛti (Ed) M.N.Dutta, Parimal Publications, New Delhi.*
2. *Yajnavalkyasmṛti (Vyavaaharadyaya) (Ed) Kishore Chandra Mahapatra, Jageswari Lane, Balishat, Puri.*
3. *Manusmṛti (Ed) Braja Kishore Swain, Sadgranthariketana, Puri.*
4. *Manu's code of law: A critical edition and translation of the manava wharmasustra (Ed) Ollivele, Patrick, Oxford University Press.*

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#### DSE-3 : YOGA THEORY AND PRACTICE

(CREDITS: 6, Theory-6)

(Total Marks: 100, Mid Sem=15, Tutorial=05, Term End=80: Duration: 3 hrs.)

1. Patanjalyogadarsana (Chap-11 Astanga Yoga)
2. Hathayogapradipika of svatmarama (Chap-11)

**MODULE-1** : Astangayoga : One Long Question (15X1=15)

**MODULE-2** : Astangayoga : Two Short Questions (7.3X2=15)

**MODULE-3** : Hathayogapradipika : One Long Question (15X1=15)

**MODULE-4** : Hathayogapradipika : Two Short Questions (7.3X2=15)

**MODULE-5** : Demonstration of Two yogasanas (10X2=20)

#### Books for References

1. *Patanjalayogadarsanam (Ed) Narayana Mishra, Choukhamba Prakashan, New Delhi*
2. *Yogasutra of Patanjali (Ed) M.R. Yardi Bori Poona.*
3. *Patanjalayogadarsana (Odia tr) Priyabrata was, Arya Samaj, Bhubaneswar*

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#### DSE-4 : PROJECT WORK (CREDIT=6 / MARKS=100) (End Semester Evaluation)

#### Books for References

1. *Yājñavalkyasmṛti, (Ed.) M.N. Dutta, Parimal Publications, New Delhi*
2. *Yājñavalkyasmṛti (Vyavahārādhyāya), (Ed.) Kishore Chandra Mahapara, Jageswari lane, Balighat, Puri*
3. *Manusmṛti, (Ed.) Braja Kishore Swain, Sadgrantha Niketana, Puri*
4. *Manu's Code of Law: A Critical Edition and Translation of the Mānava Dharmasāstra, (Ed.) Ollivele, Patrick, Oxford University Press*

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