

Part I

1st Language ENGLISH

Marks: 100

Paper -2

Marks: 80

1. The Poet's Eye - Ed by S. Jagadisan, OUP, 2004.
2. Three One Act Plays - Ed by C. Mahajan , OUP, 2002.

Grammar:

Transform of Sentences:

- a) Simple -compound
- b) Simple - complex
- c) Active voice - Passive Voice
- d) Direct Speech - Indirect speech

Writing Skills:

- a) Expansion of hints - Story Writing
- b) Report Writing
- c) Dialogue Writing (based on The Syllabus in Speaking Skills)

Speaking Skills (Internal Assessment) Oral Test

Marks: 20

Dialogue formation:

- a) Congratulations
- b) Thanking Someone
- c) Sympathy
- d) Meeting the Principal/Vice Chancellor

Reference Books:

- Build Your Grammar by Prof. V. Sujatha, R. S. Vidyapeetha, Tirupati, 2007.
- Communication Practice by Prof. V. Sujatha, R. S. Vidyapeetha, Tirupati, 2007.

Part I - (Optional)

2nd Language - SANSKRIT

Marks: 100

Paper - 2

क) स्वप्नवासवदत्तम् (भासरचितम्)

सहायकग्रन्थः - स्वप्नवासवदत्तम्

सम्पादकः - पण्डितमदनगोपालवाजपेयी भारतीयविद्याप्रकाशनम्, वाराणसी

ख) रामायणचम्पूः (बालकाण्डः) भोजराजविरचितः

सहायकग्रन्थः -

१. रामायणचम्पूः-कम्पाइलर् - ए.वरदराजन्, संस्कृतभाषाप्रचारिणीसभा, चित्तोर- १९७८
२. रामायणचम्पूः - रामचन्द्रमिश्रसम्पादितः - चौखम्बाविद्याभवनम्, वाराणसी
३. रामायणचम्पूः-सुरीलक्ष्मण-बुधेन्द्ररामचन्द्रव्याख्यासहितः, चौखम्बासंस्कृतसंस्थानम्, वाराणसी-१९८२

2nd Language - MALAYALAM

Marks: 100

Paper – 1 (C) Common paper Compulsory

History of Vedic Literature

Marks: 50

रामचन्द्रमिश्रविरचितः संस्कृतसाहित्येतिहासः

- १) महाकाव्यानि २) खण्डकाव्यानि ३) दृश्यकाव्यानि
४) गद्यकाव्यानि ५) चम्पूकाव्यानि

मूलग्रन्थः - रामचन्द्रमिश्रविरचितः संस्कृतसाहित्येतिहासः चौखम्बासुरभारतीप्रकाशनम्, के. ३७/११७
गोपालमन्दिरलैन्, वाराणसी - २२१ ००१

Part II - 1st ELECTIVE

SAHITYA

(Compulsory)

Paper -1

Marks : 100

साहित्यदर्पणः (विश्वनाथमहापात्रविरचितः) (१, २, ६ परिच्छेदाः)

Paper -2

Marks : 100

- क) रत्नावली (हर्षप्रणीता)
ख) किरातार्जुनीयम् (प्रथमसर्गः)
ग) कादम्बरी (शुकनासोपदेशः)

Part II – 2nd ELECTIVE

English Literature

(OPTIONAL)

Paper -1

Marks : 100

Drama – Twelfth Night by Shakespeare

Drama – Tughlaq by Girish Karnad

Malayalam Literature

(OPTIONAL)

History

(OPTIONAL)

Paper -1

Marks : 100

Indian History & Culture from 1100 A.D to 1707 A.D

Unit -1 History of Delhi Sulthanate - Iltutmish - Ailaudhin Khiliji - Muhammad - bin
- Tuglaq - Soceity & Economy

Unit-2 Mughals - Babur - Humayun - Akbar - .Tahangir - Sahajahan - Aurangzeb -
Society & Economy.

Unit-3 Marathas - Shivaji - Expansion ofMaratha power - Administration & Economy

Unit -4 a. Influence of Islam on Indian culture - Suffi-Bhakti & Vaishnava Movements
b. Development of Islamic Architecture -Taj Mahal & Red Fort-Paintings

Unit-5 Vijayanagara Empire - Devaraya II & Sri Krishnadevaraya - Society - Econorny
Religion & Literature.

Part II – 3rd ELECTIVES

Computer Applications

(OPTIONAL)

Object Oriented Programming with Java

UNIT I - Fundamentals of Object Oriented programming: Object Oriented paradigm–Basic concepts of Object Oriented Programming – Benefits of OOP – Applications of OOP. Overview of Java Language: Simple Java Program – Java Program Structure – Java Tokens - Java Statements – Implementing a Java Program – Java Virtual Machine – Command Line Arguments. Constants, Variables and Data types: Constants–Variables–Data types–Declaration of Variables - Giving Values to variables - Scope of Variables - Symbolic Constants - Type Casting.

UNIT II - Decision Making and Branching: Decision Making with If statement–Simple If Statement - If else Statement - Nesting If Else Statement - the Else If Ladder - The switch Statement–The ?: operator. Decision Making and Looping: The while statement–The do statement–The for statement– Jumps in Loops.

UNIT III - Class, Objects and Methods: Defining a Class – Fields Declaration – Methods Declaration – Creating Objects – Accessing class members – Constructors – Methods Overloading – Static Members – Nesting of Methods – Inheritance – Overriding Methods – Final Variables and Methods–Final Classes–Abstract Methods and Classes–Visibility Control. Arrays, Strings and Vectors: One - dimensional Arrays - creating Array–Two dimensional Arrays–Strings–Vectors – Wrapper Classes–Enumerated Types.

UNIT-IV- Interfaces: Multiple Inheritance: Defining Interfaces – Extending Interfaces – Implementing Interfaces – Accessing Interface Variables.

UNIT V - Packages: Java API Packages – Using system Packages – Naming Conventions – Creating Packages – Accessing a Package – Using a Package

Web Designing

- UNIT - I -** Basics of Web Design – Elements of Web – Web Site Architecture – Designing a web site Web Design Process – Web site design process – Elements of web site Design – Web Page and Layout
- UNIT - II-** Basic HTML: HTML – Structure of HTML – Working with text – Heading tag – Font tag – Address tag – Line break and Paragraph tags – Center tag - Marquee Tag – List tag
- UNIT-III-** Inserting images in web pages – Creating Hyperlinks in a web page – Creating Table in a web page – Frames
- UNIT-IV-** DHTML: CSS – Inline style sheets – Embedding a Style Sheet – Linking a External Style Sheet – JavaScript Programming – Arrays in JavaScript – Functions in JavaScript – JavaScript events
- UNIT-V-** Working with Forms and Controls: Forms – Input element- Select Element – Text area element - Buttons

Prescribed Textbook:

1. Dr. G. Sreedhar, Fundamentals of Web Design, Rashtriya Sanskrit Vidyapeetha, Tirupati, 2010

Reference Books:

1. Thomas A. Powell, The Complete Reference Web Design 2nd edition, Tata McGraw Hill, 2009.
2. Thomas A. Powell, The Complete Reference HTML 4th edition, Tata McGraw Hill, 2004.

LAB: Web: Java Programming, Designing

(50 Marks)

Archakatva & Pourohitya (OPTIONAL)

Marks: 100

- क. गृहार्च-देवालयार्चन भेदाः। उत्सवाः (ब्रह्मोत्सवः, कल्याणोत्सवः)।
ख. सङ्क्रमणनिर्णयः, नवग्रहप्रकरणम् ।
ग. प्रतिपदादितिथिनिर्णयः, द्वादश भावविचारः ।
घ. गृह – देवालयवास्तुपरिचयः।

Practicals - 1. वास्तुपूजाविधिः ।

Marks-50

2. विष्णुदेवतापूजाविधिः, रुद्रन्यासः। उपरिनिर्दिष्टविषयाणि ।

सहायकग्रन्थः – 1. वैखानसागमः, T.T.D

2. धर्मसिन्धुः, प्रथमपरिच्छेदः

3. नवग्रहविज्ञानसर्वस्वम्

4. धर्मसिन्धुः – प्रथमपरिच्छेदः

5. गोचारदर्पणम्,

6. वास्तुविद्या

A) BASIC MEDICAL SCIENCES (ANATOMY, PHYSIOLOGY AND BIO-CHEMISTRY)

An introduction to human body- Cell structure and functions.

Introduction - human body - basic terminology - organisation of human body - cell - various parts - structure - functions - organs - functions.

An elementary knowledge of following systems

- (a) **Respiratory System** - Anatomy of Respiratory passage - organs of Respiratory System - Structure - functions - mechanism and physiology of respiration- lung volumes and capacities.
- (b) **Digestive system**- Introduction- importance- organs of digestive system- location- structure- functions.
- (c) **Circulatory System**- Introduction- importance- organs of digestive system- location- structure- functions.
- (d) **Nervous system**- Introduction- importance- division of nervous system- CNS- ANS- structure- functions of the nerve cell.
- (e) **Endocrine Glands**- Introduction- importance- name of the glands- locations- secreted hormones- Physiological functions- hypo- hyper secretions and its result on the body.

Values of Vitamins, Proteins, Carbohydrates in food.

Nutrition- definition- types- sources- physiological role and deficiencies- diseases- vitamins- types- physiological role- source- proteins- classification- sources- Carbohydrates- classification- functions.

Blood- composition

Types of blood cells- functions- Hb- blood groups- coagulation of blood- anti-coagulation- functions.

B) YOGIC TEXTS AND BHAGAVADGITA

Patanjali Yogasutra Chapter II (Sadhana Pada)

Kriyayoga - benefits of kriyayoga - Classification - Klesas- Classification - methods to control klesas - role of klesas in karmas and its results - vipakas of klesamula - results of vipakas - Heyaswarupa - Heyahetu - samyoga - nature of Drashta and Drusya - Gunaparvas - Samyogahetu - Vivekakhyaati - its result- Ashtangayoga - its classification.

Bhagavadgita Chapter VI (Dhyana Yoga)

Dhyanyoga - Introduction - Yogarudha - Qualities of elevated yogi - Jnana & Vijnana - environment for yoga (meditation) - place - seat - posture - condition of mind - method of meditation - do's and don'ts of yogi - nature of mind - control of mind perfection in yoga - Qualities of perfect Yogi - Unsuccessful Yogi - His fate in next life - Yoga Unparalleled (Yogi is greater than all)

PRACTICALS

MARKS: 50

ASANA-S

1. Padmasana
2. Siddhasana
3. Parsvottanasana
4. Virabhadrasana
5. Supta Vajrasana- B
6. Ustrasana
7. Marichasana- a
8. Marichasana-b
9. Kukkutasana,
10. Upavishtakonasana
11. Kurmasana
12. Sarvangasana
13. Halasana
14. Suptakonasana
15. Matsyasana,
16. Srishasana
17. Savasana

PRANAYAMA

1. Sitali
2. Sitkari
3. Nadisodhana;

BANDHA-S

1. Jalandhara
2. Uddiyana

KRIYA-S

1. Agnisara
2. Sutraneiti

MUDRAS

1. Shanmukhi Mudra

