

RASHTRIYA SANSKRIT VIDYAPEETHA : TIRUPATI

(DEEMED TO BE UNIVERSITY)

DIRECTORATE OF DISTANCE EDUCATION

Sastri 3rd Year Syllabus : 2016-17

Part - II

1) 1ST ELECTIVE : Optional

(One from the following Shastras)

a) Sahitya	200
b) Vyakarana	200
c) Phalit Jyotisha	200
d) Advaita Vedanta	200

2) 2ND & 3RD ELECTIVES :

Any two from the following three groups

(Hints : There is no provision to take 2 subjects from any one of the following group & For 1st & 2nd years there is 1 paper and for 3rd year there are 2 papers in each subject.)

Group - A

a) English Literature	100
b) Malayalam Literature	100
c) Kannada Literature	100

Group - B

a) Archaktva & Pourohitya	150
b) Yoga & Meditation	150

Group - C

a) Computer Applications	150
b) History	100

= (A) SAHITYA (OPTIONAL) =

Pattern of Marks

2 (out of 4 questions) x 15 marks	=	30 marks
3 (out of 5 questions) x 10 marks	=	30 marks
4 (out of 6 questions) x 5 marks	=	20 marks
20 (Objective type questions) x 1	=	20 marks
Total	=	100 marks

** SYLLABUS **

Paper - 5

100 marks

क) कुवलयानन्दः (अप्ययदीक्षितस्य)

50 marks

निर्दिष्टाः अलङ्काराः - उपमा, अनन्वयः, उपमेयोपमा, प्रतीपम्, रूपकम्, परिणामः, उल्लेखः, स्मरणम्, भ्रान्तिमान्, सन्देहः, अपहृतिः, उत्प्रेक्षा, अतिशयोक्तिः, तुल्ययोगिता, दीपकम्, आवृत्तिदीपकम्, प्रतिवस्तूपमा, दृष्टान्तः, निदर्शनम्, व्यतिरेकः, सहोक्तिः, विनोक्तिः, समासोक्तिः, परिकरः, परिकराङ्कुरः, श्लेषः, अप्रस्तुतप्रशंसा, प्रस्तुताङ्कुरः, पर्यायोक्तम्, व्याजस्तुतिः, व्याजनिन्दा, आक्षेपः, विरोधाभासः, विभावना, विशेषोक्तिः, काव्यलिङ्गम्, अर्थान्तरन्यासः, ललितः, तद्गुणः, अतद्गुणः, मीलितम्, सामान्यम्, उन्मीलितम्, स्वभावोक्तिः, संसृष्टिसङ्करौ

- सहायकग्रन्थाः - १. कुवलयानन्दः (निरञ्जनमिश्रव्याख्यातः), हंसाप्रकाशनम्, वाराणसी
 २. कुवलयानन्दः (टि.के.रामचन्द्रआयरसम्पादितः) आंग्लभाषानुदितः
 R.S.Vadhyar & Sons - 1972
 ३. कुवलयानन्दः - Compiler - Vidyanath Suri
 रामाचार्यनारायणसम्पादितः, Nirnaya Sagar Press, Bombay

ख) साहित्यदर्पणम् (३, ५ परिच्छेदौ)

50 marks

मूलग्रन्थः - साहित्यदर्पणम् (आचार्यकृष्णमोहनशास्त्रिसम्पादितं लक्ष्मीटीकोपेतम्)

चौखम्बासंस्कृतसंस्थानम्, वाराणसी, पो.व.नं. - ११३९

के.३७/११६, गोपालमन्दिरलैन, वाराणसी

सहायकग्रन्थाः - १. साहित्यदर्पणम्, दुर्गाप्रसादद्विवेदीसम्पादितम्

मेहेरचन्द लक्ष्मणदास, नवदिल्ली - १९८२

२. साहित्यदर्पणम्, कृष्णमोहनशास्त्रिसम्पादितम्,

चौखम्बासंस्कृतसंस्थानम्, वाराणसी - २००१

३. साहित्यदर्पणम्, योगेश्वरदत्तशर्मा पाराशरसम्पादितम्
(विवृति-विज्ञप्रिया-कुसुमप्रतिमा-लक्ष्मी-विवृतिपूर्ति-लोचन-
विमला-रुचिरा-टीकासहितम्) भाग - I & III
नागपब्लिसर्स, ११ ए.यू.ए., जवाहरनगर, दिल्ली

Paper - 6

100 marks

क) अभिज्ञानशाकुन्तलम्

50 marks

सहायकग्रन्थः - १. अभिज्ञानशाकुन्तलम्, सान्वयभावप्रकाशिकासंस्कृतहिन्दीव्याख्यासहितम्
व्याख्याकारः - आचार्यपण्डितशिवप्रसादद्विवेदी, भारतीयविद्याप्रकाशन,
वाराणसी

२. अभिज्ञानशाकुन्तलम् - रामकृष्णाचार्यसम्पादितम्,
विनोदप्रकाशमन्दिर, आग्रा

३. अभिज्ञानशाकुन्तलम्, गङ्गासागररायप्रकाशनम्,
चौखम्बासंस्कृतभवनम्, वाराणसी - २०००

ख) सुबन्धुविरचितवासवदत्ता - "पुरा निर्जगाम" पर्यन्तम्)

50 marks

सहायकग्रन्थाः - १. वासवदत्ता, गङ्गासागररायसम्पादिता, चौखम्बासंस्कृतसंस्थान, वाराणसी
२. वासवदत्ता, शुकदेवशास्त्रिसम्पादिता, चौखम्बाविद्याभवन, वाराणसी

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= (B) VYAKARAN (OPTIONAL) =*Pattern of Marks*

2 (out of 4 questions) x 15 marks	=	30 marks
3 (out of 5 questions) x 10 marks	=	30 marks
4 (out of 6 questions) x 5 marks	=	20 marks
20 (Objective type questions) x 1	=	20 marks
Total	=	100 marks

**** SYLLABUS FOR VYAKARAN (OPTIONAL) ******Paper - 5**

पाठ्यग्रन्थः - वैयाकरणसिद्धान्तकौमुदी (भट्टोजिदीक्षितविरचिता)
(कृत्यप्रकरणम्, पूर्वकृदन्तम्)

सहायकग्रन्थाः -

- वैयाकरणसिद्धान्तकौमुदी (तत्त्वबोधिनीव्याख्योपेता)
- वैयाकरणसिद्धान्तकौमुदी (बालमनोरमाव्याख्योपेता)
- वैयाकरणसिद्धान्तकौमुदी (हिन्दीमनोरमाव्याख्योपेता)
- Chowkhamba Skt. Sansthan, Varanasi
- प्रक्रियाकौमुदी
- Chowkhamba Skt. Sansthan, Varanasi
- Motilal Banarasi Das, 120. Raipeta High Road,
Mylapore, Chennai - 600004.
- Bharatiya Book Corporation, 1, U.B. Javahar nagar,
Bangla Road, New Delhi - 110007.

प्रकरणविभागः -

क्र.सं.	पाठ्यांशविषयाः	पाठाः	अङ्काः
1.	कृत्यप्रकरणम्	40	25
2.	पूर्वकृदन्ते “अरुर्द्धिषदजन्तस्य मुम्” इति सूत्रपर्यन्तम्	45	25
3.	“निष्ठा शीङ्स्विदिमिदिक्ष्विदिधृषः” इति सूत्रपर्यन्तम्	45	25
4.	पूर्वकृदन्ते अवशिष्टः भागः	50	25
		180	100

Paper - 6

पाठ्यग्रन्थः -

वैयाकरणसिद्धान्तकौमुदी (भट्टोजिदीक्षितप्रणीता)
(उत्तरकृदन्तप्रकरणम्, रक्ताद्यर्थक-चातुरर्थिक-शैषिकप्रकरणानि)

सहायकग्रन्थाः -

1. वैयाकरणसिद्धान्तकौमुदी (तत्त्वबोधिनीव्याख्योपेता)
2. वैयाकरणसिद्धान्तकौमुदी (बालमनोरमाव्याख्योपेता)
3. वैयाकरणसिद्धान्तकौमुदी (हिन्दीमनोरमाव्याख्योपेता)
- Chowkhamba Skt. Samsthan, Varanasi
4. प्रक्रियाकौमुदी
- Chowkhamba Skt. Samsthan, Varanasi
- Motilal Banarasi Das, 120. Raipeta High Road,
Mylapore, Chennai - 600004.
- Bharatiya Book Corporation, 1, U.B. Javahar nagar,
Bangla Road, New Delhi - 110007.

प्रकरणविभागः -

क्र.सं.	पाठ्यांशविषयाः	पाठाः	अङ्काः
1.	उत्तरकृदन्ते “सनः क्तिचि” इत्यादि सूत्रपर्यन्तम्	40	20
2.	उत्तरकृदन्ते अवशिष्टः भागः	40	20
3.	रक्ताद्यर्थकप्रकरणम्	35	20
4.	चातुरर्थिकप्रकरणम्	35	20
5.	शैषिकप्रकरणम्	30	20
		180	100

[Note : Syllabus for the Sastry III year course for the year 2007-08 is old syllabus. That is -
वैयाकरणसिद्धान्तकौमुदी - Paper No - 5 पूर्वकृदन्तम् (उणादिवर्जम्) उत्तरकृदन्तम्, आत्मनेपद, परस्मैपद प्रकरणे
Paper No - 6 णिच्, सन्, यङ्, लकारार्थप्रक्रिया तथा प्रौढमनोरमा (पञ्चसन्ध्यन्तो भागः)]

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= (C) PHALITA JYOTISHA (OPTIONAL) =

Pattern of Marks

2 (out of 4 questions) x 15 marks	=	30 marks
3 (out of 5 questions) x 10 marks	=	30 marks
4 (out of 6 questions) x 5 marks	=	20 marks
20 (Objective type questions) x 1	=	20 marks
Total	=	100 marks

**** SYLLABUS ******Paper - 5****100 Marks**

- क) बृहद्वास्तुमाला (द्वारस्थापनविचारपर्यन्तम्) **50 Marks**
 सहायकग्रन्थाः - १) श्रीराममिहोर द्विवेदिभिः सम्पादिता बृहद्वास्तुमाला प्राप्तिस्थानम् - चौखम्बासंस्कृतप्रकाशनम्, वाराणसी
 २) वास्तुरत्नाकरः - विन्ध्येश्वरीप्रसादद्विवेदीकोपेतः प्राप्तिस्थानम् - चौखम्बासंस्कृतप्रकाशनम्, दिल्ली
- ख) केशवीयजातकपद्धतिः (युद्धादिबलपर्यन्ता) **50 Marks**
 सहायकग्रन्थाः - १) दैवज्ञदिवाकरकृतप्रौढमनोरमाटीकोपेता केशवीयजातकपद्धतिः प्राप्तिस्थानम् - चौखम्बासंस्कृतप्रकाशनम्, वाराणसी
 २) श्रीपतिविरचिता श्रीपतिपद्धतिः प्राप्तिस्थानम् - चौखम्बाप्रकाशनम्, वाराणसी

Paper - 6**100 Marks**

- क) भारतीयकुण्डलीविज्ञानम् (गणितभागः) **50 Marks**
 सहायकग्रन्थाः - १) श्रीमीठालालहिम्मतराम ओझा विरचितं भारतीयकुण्डलीविज्ञानम् (गणितभागः) ; प्राप्तिस्थानम् - चौखम्बासंस्कृतप्रकाशनम्, दिल्ली
 २) बृहद्भारतीयकुण्डलीविज्ञानम् - सत्यदेवशर्मप्रणीतम् प्राप्तिस्थानम् - जगदीशसंस्कृतपुस्तकालयः, जयपुरम्
 ३) श्रीकमलाकरठाकुरप्रणीतम् - भारतीयकुण्डलीविज्ञानम् प्राप्तिस्थानम् - भारतीयविद्याप्रकाशनम्, दिल्ली
- ख) जातकालङ्कारः (गणेशदैवज्ञविरचितः) **50 Marks**
 सहायकग्रन्थाः - १) पण्डितसुराजशर्माविरचितव्याख्योपेतः जातकालङ्कारः हंसाप्रकाशनम्, जयपुरम्
 २) श्रीगणेशदत्तपाठककृतव्याख्योपेतः जातकालङ्कारः भारतीयविद्याप्रकाशनम्, वाराणसी
 ३) श्रीगोपेशकुमारओझासम्पादितः जातकादेशमार्गः मोतीलालबनारसीदास प्रकाशनम्, वाराणसी

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= (F) ADVAITA VEDANTA (OPTIONAL) =

Pattern of Marks

2 (out of 4 questions) x 15 marks	=	30 marks
3 (out of 5 questions) x 10 marks	=	30 marks
4 (out of 6 questions) x 5 marks	=	20 marks
20 (Objective type questions) x 1	=	20 marks
Total	=	100 marks

**** SYLLABUS ******Paper - 5**

क) छान्दोग्योपनिषद्भाष्यम् (षष्ठोऽध्यायः) **50 marks**

ख) बृहदारण्यकोपनिषद्भाष्यम् (तृतीयोऽध्यायः) **50 marks**

मूलग्रन्थः सहायकग्रन्थाश्च -

शास्त्रिप्रथमवर्षस्य प्रथमपत्रस्य कृते निर्धारिताः ग्रन्थाः एव

Paper - 6

ब्रह्मसूत्रशाङ्करभाष्यम् (प्रथमोऽध्यायः) **100 marks**

मूलग्रन्थः -

ब्रह्मसूत्रम्, (शाङ्करभाष्योपेतम्) (Vol-III)

मोतीलालबनारसीदास, दिल्ली

सहायकग्रन्थाः -

१. ब्रह्मसूत्रवृत्तिः (गुरुप्रिया)

नं - १, सालैस्ट्रीट्, काञ्चीकामकोटीमठम्

२. ब्रह्मसूत्रम् (रत्नप्रभाव्याख्यासहितम्)

आचार्यजगदीशशास्त्रिसम्पादितम्

मोतीलाल बनारसीदास पब्लिसर्स प्रा.लि., दिल्ली

३. ब्रह्मसूत्रभाष्यप्रदीपिका (श्रीगोडासुब्रह्मण्यशास्त्री)

के. गणपतिभट्टः

राष्ट्रीयसंस्कृतविद्यापीठम्, तिरुपतिः

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2nd and 3rd Elective : Any two from the following group.

(one from each group)

Group - A

- a) English Literature ; b) Malayalam Literature
c) Kannada Literature

Group - B

- a) Archaktva & Pourohitya
b) Yoga & Meditation

Group - C

- a) Computer Applications ; b) History

GROUP - A

(A) ENGLISH LITERATURE

Pattern of Marks

2 (out of 4 questions) x 15 marks	=	30 marks
3 (out of 5 questions) x 10 marks	=	30 marks
4 (out of 6 questions) x 5 marks	=	20 marks
20 (Objective type questions) x 1	=	20 marks
Total	=	100 marks

**** SYLLABUS ****

PAPER - III

100 marks

1. The Silent Song : Anthology of Verse

Poems - 1 to 15

Ed. K.M.Tharakan - 1987
Madras Macmillan - 1989

Reference Books -

1. The Anatomy of Poetry - Marjorie Boulton, Kalyani Publications, 23, Darya Ganj, New Delhi - 2 ; 1991
2. The Force of poetry - Christopher Ricks, Oxford, OUP ; 1995
3. Critical Essay on Poetry - B.J.Das - Ludhiana ; Kalyani Publications 1993

PAPER - IV

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1. Literary Terms / Forms

50 marks

- | | | | |
|-----------------|---------------|---------------|--------------------|
| 1. Epic | 2. Ode | 3. Elegy | 4. Sonnet |
| 5. Idyll | 6. Lyric | 7. Masque | 8. Imagery |
| 9. Irony | 10. Satire | 11. Diction | 12. Heroic couplet |
| 13. Blank verse | 14. Catharsis | 15. Soliloquy | 16. Allegory |

Prescribed Text -

A Glossary of literary terms (seventh edition)
M.H.Abrams.
Pub. Thomson - Heinle
Prism Books Pvt. Ltd. , Bangalore - 1999

2. Literary Movements

50 marks

- | | |
|---------------------|--------------|
| 1. Neo - Classicism | 5. Imagism |
| 2. Romantic Revival | 6. Symbolism |
| 3. Victorian Period | 7. Feminism |
| 4. Modernism | |

[Note: (i) No question on individual authors]

(ii) questions should be based only on the following text

“A Glossary Of Literary Terms” by M.H.Abrams, Thomson Heinle, 1999

Prescribed Text -

1. The Concise Dictionary of literary terms - Chris Baldick - Oxford - oup - 1991
2. A Back-ground to the study of English Literature - Brijadish Prasad 1965, Calcutta ; Macmillan - 1969
3. An outline of the History of English Literature - W.Henry Hudson B.I.Publications, Bombay - 1961

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B) ARCHAKATVA & POUROHITYA (150 MARKS)*Pattern of marks*

2 long type (Out of 4) x 15 marks	= 30 marks
3 Long type (out of 5) x 10 marks	= 30 marks
4 Short type (out of 6) x 5 marks	= 20 marks
20 Objective type x 1 marks	= 20 marks
Total	= 100 marks

**** SYLLABUS ******Paper - 3 (Theory)**

Unit - 1 - १. चौलम्, उपनयनम् २. गोदानादिवेदव्रतानि, उपाकर्म, उत्सर्जनम्	25 marks
Unit - 2 - १. गृहारम्भ-गृहप्रवेश-यात्रा-अक्षराभ्यास-कर्णवेध- देवताप्रतिष्ठानां मुहूर्तनिर्णयः २. बालालयनिर्माणम्, भूपरीक्षा, कर्षणम्	25 marks
Unit - 3 - १. समावर्तनम्, पाणिग्रहणम् २. पाकयज्ञानां सामान्यपरिचयः	25 marks
Unit - 4 - १. भगवद्गीता (द्वादशाध्यायः) २. पाद्मसंहिता (ज्ञानपादः - १०, ११, १२ अध्यायाः)	25 marks

सहायकग्रन्थः -

१. आपस्तम्बधर्मसूत्रम् - चौखम्बा, दिल्ली
२. मुहूर्तचिन्तामणिः - मोतीलालवनारसीदास, वाराणसी
३. वास्तुशास्त्रविवेकः - मधुरा कृष्णमुर्ति शास्त्री ज्योतिषविज्ञान केन्द्रम्, राजमन्दी
४. भगवद्गीता - चौखम्बा, दिल्ली
५. पाद्मसंहिता (सि.वि. शेषाचार्यलुसम्पादिता) - हैदराबाद
६. याजुषपूर्वप्रयोगचन्द्रिका - वाविल्ल प्रकाशनम्, मद्रास
७. याजुषस्मार्तम् - चल्लाप्रकाशनम्, मछिलीपटनम्
८. संस्काररत्नाकरः - श्रीसन्निधानं लक्ष्मीनारायणशास्त्री

Paper - 3 (Practical)**50 marks**

चौल-उपनयन-उपाकर्म-उत्सर्जन-समावर्तन-पाणिग्रहण-आशीर्वचनमन्त्राः
शिवविष्णुसहस्रनामस्तोत्रम्

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Paper - 4 (Theory)

- Unit - 1** - १ . आशौचनिर्णयः **25 marks**
 २ . षण्णवतिश्राद्धप्रकारः, आब्दिकप्रयोगः, संकल्पश्राद्धम्
- Unit - 2** - १ . ग्रहणनिर्णयः, ग्रहणवेधविचारः, ग्रस्तास्तमयविचारः **25 marks**
 २ . कूपादीनां स्थाननिर्णयः
- Unit - 3** - १ . लघुप्रतिष्ठाविधिः **25 marks**
 २ . रुद्रचण्डीसुदर्शनयागविधयः
- Unit - 4** - १ . चैत्रादिद्वादशमासविशेषपरिचयः **25 marks**
 २ . षष्ठ्यब्दपूर्तिः

सहायकग्रन्थाः -

- १ . आशौचनिर्णयः -
- २ . याजुषप्रयोगचन्द्रिका -
- ३ . यल्लाजीयम्
- ४ . धर्मसिन्धुः -
- ५ . वास्तुशास्त्रविवेकः -
- ६ . शान्तिकमलाकरः - श्रीरामप्रकाशनम्, हैदराबाद
- ७ . प्रतिष्ठाराजम् (Tel.)
- ८ . प्रतिष्ठामन्दारः

Paper - 4 (Practical)**50 marks**

- १ . उपरि निर्दिष्टेभ्यः विषयेभ्यः प्रयोगविशेषाः
- २ . लक्ष्मी/ललिता - अष्टोत्तरशतनामस्तोत्रम्

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C) YOGA & MEDITATION

Pattern of marks

2 (out of 4) x 15 marks	=	30 marks
3 (out of 5) x 10 marks	=	30 marks
4 (out of 6) x 5 marks	=	20 marks
Objective types	=	20 marks
Total	=	100 marks

Objective types pattern of marks

1. One Word Answer = 5 marks
2. Match the following = 5 marks
3. Multiple Choice = 10 marks

**** SYLLABUS ****

Theory Paper III

Marks:100

a) Ayurveda in relation to Yoga

1. Definition, branches, scope and limitations.
2. Brief introduction to principles of Ayurveda.
3. Concept of mind and body in Ayurveda - Brief discussion.
4. The elements of Sneha, Sveda, Vamana, Virechana and Vastikriya.

b) Yogic Texts and Bhagavat Gita

1. Hathayoga Pradipika - Chap. 1 & 2.
2. Bhagavat Gita Chap. - 12 - Bhakti Yoga.

Reference Books

1. Principles of Ayurveda - Bhagavan Das
2. Charaka Samhita of Charak, Chaukhamba Publications, Varanasi
3. Hathayoga Pradipika of Swatmarama - Pub. by Kaivalya Dhama, Lonavala
4. Srimad Bhagavad Geeta - S. Radhakrishna

Practicals - III

Marks: 50

ASANAS :

30 marks

- | | |
|---------------------------|-----------------------------------|
| 1. Parivrita Trikonasana | 2. Parivrita Parsvakonasana |
| 3. Prasrita Padottanasana | 4. Badda Padmasana |
| 5. Yoga Mudrasana | 6. Ardabaddapada Pascimottanasana |
| 7. Ardhamatsyendrasana | 8. Jattaraparivrittisana |
| 9. Pasasana | 10. Sarvangasana Cycle |

Kriyas : 1. Trataka

10 marks

Meditation based on Sabda.

10 marks

Reference Books :-

1. Light on Yoga - B.K.S. Iyengar, Harber Colling Publications, Delhi
2. Meditation from Tantras - Pub. by Bihar School of Yoga, Bihar

Theory Paper - IV**Marks:100****a)Yoga Therapy**

1. Principles and basis of Yoga Therapy,
2. Preventive, curative and promotive aspects of various yogic practices on common diseases such as, Asthma, Diabetes, Blood Pressure, Obesity, Arthritis, Constipation, Insomnia etc.
3. Sankhya Theory fo Evolution.
4. Kundalini Yoga - Its philosophy.
5. Place of Yoga in Indian Philosophical Thought.

b) Yogic Texts and Bhagavat Gita

1. Hathayoga Pradipika Chap. 3 and 4.
2. Bhagavat Gita Chap. 16 - Daivasurasampatvibhaga Yoga

Reference Books :-

1. Sankhya Karika of Iswarakrishna, Chaukhamba, Varanasi
2. Anatomy and Physiology of Yogic Practices, Pub. by M.M.Gore, Lonavala - Kaivalya Dham Publication, Lonavala
3. Kundalini Yoga - M.P.Pandit, Kaivalya Dham Publication, Lonavala
4. Yoga in relation to other systems of Indian thoughts - S.N.Dasgupta
5. Yogic Treatment for women diseases by Bihar School Publication, Bihar

Practicals - IV**Marks: 50****ASANAS:****20 marks**

1. Yaugika Suryanamaskara
2. Mayurasana
3. Pinchamayurasana
4. Karnapidasana
5. Pindasana
6. Vatayasana
7. Parighasana
8. Urdhva Dhanurasana
9. Sirsasana Cycle

PRANAYAMA:**10 marks**

1. Nadisodhana
2. Bhastrika

KRIYAS:**10 marks**

1. Madhyama Nauli
2. Kapalabhati

Meditation based on Sabda and Artha.**10 marks****Reference Books :-**

1. Light on Yoga - B.K.S.Iyengar, Harber Colling Publications, Delhi
2. Meditation from Tantras - Pub. by Bihar School of Yoga, Bihar
3. Light on Pranayama - B.K.S.Iyengar, Harber Colling Publications, Delhi

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Group - C

A) COMPUTER APPLICATIONS

Pattern of Marks -

Sec - A - 2 (out of 4) x 15 marks	= 30 marks
Sec - B - 3 (out of 5) x 10 marks	= 30 marks
Sec - C - 4 (out of 6) x 5 marks	= 20 marks
Sec - D - 10 Objective Questions x 2 marks	= 20 marks
Sec - E - Practical	= 50 Marks
Total	= 150 marks

**** SYLLABUS ****

Paper III : Natural Language Processing and Perl Programming

Unit I

Introduction to NLP: Goal, History of NLP - Language Structure and Language analyzer: Introduction to Language Structure, Overview of Language analyzer: Morphological Analyzer, Local word grouping (LWG), Core Parser.

Unit II

Words and their Analyzer: Introduction to Morphological Analysis (MA), MA using Paradigms - Speeding up of MA by compilation - Local Word Grouping: Verb groups, Noun groups, Strategy for grammar Development.

Unit III

Paninian Grammar: Introduction to Paninian grammar - Semantic model - Paninian theory: Karaka Relations - Active Passive: Karaka to Vibhakti Mapping, Karaka shares.

Unit IV

Paninian Parser: Introduction, Core Parser: Constraints - Preferences over Parses - Lakshan charts for Sense Disambiguation - Machine Translation: Introduction, Anusaraka or Language Accessor

Unit V

Introduction to Perl Programming: variables - Operators and Programming fundamentals - Arrays - Hashes - References - Conditional Statements: if— else, Switch statements - Loops: while, until, do, for each loops - Input and Output Basics: Command line input - String manipulation

Prescribed Text Books:

1. Natural Language Processing - A Paninian Perspective by A. Bharati, Rajeev Sangal and Vineet Chaitanya: Prentice - Hall of India Private Ltd.
2. Learning Perl (Second edition) by Randal L. Schwartz and Tom Christiansen: Shroff Publishers and Distributors Pvt. Ltd.

Paper IV : Internet Technologies and Web Design**Unit I**

Introduction to Internet: History - The way internet works- Connecting to Internet - Uses of Internet - Internet Service Providers. Internet Access Tools: Information Retrieval Tools: FTP, Gopher - Communication tools: Telnet, Usenet - Multimedia Information tools: Home Page - Information Search tools: Archie - Veronica - WAIS.

Unit II

World Wide Web (WWW): What is WWW - Web page- Web site - Web browsers - Uniform Resource Locator (URL) - Search Engines - DNS - Electronic mail: Introduction - Advantages of E-mail - Address - E-mail components - E-mail functions.

Unit III

Introduction to Web Design: What is Web Design - Web Design process - Site types and Architecture - Navigation theory and practice - HTML: Basic concepts - Structure of HTML document : HTML elements.

Unit IV

Links and Addressing: Linking Basics, URL - HTML and Images: HTML Image Basics - Frames: Overview of Frames, Frame Targeting, Floating Frames - Styles sheets: Style sheet basic, Style sheet properties.

Unit V

Basic Interactivity with forms: form elements, controls - Introduction to Scripting: VB Script - Including the script in HTML document - DHTML: Document Object Model.

Prescribed Text Books :

1. Fundamentals of Internet and WWW by Reymond Greenlaw and Ellen Hepp, Tata Mc Graw Hill.
2. The Complete Reference Web Design by Thomas A. Powell, Tata McGraw Hill edition. (Chapters: 1, 2, 4, 5)
3. The Complete Reference HTML by Thomas A. Powell, Tata McGraw Hill Second edition (Chapters 3, 4, 5, 8, 10, 11, 13, 14)

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C) HISTORY (PAPER - 3 & 4)*Pattern of marks*

- I. 2 Essay type questions (Out of 4) = $15 \times 2 = 30$
II. 3 Brief type questions (out of 5) = $10 \times 3 = 30$
III. 4 Short type questions (out of 6) = $5 \times 4 = 20$
IV. 20 Objective type questions = $1 \times 20 = 20$

Total = 100

**** SYLLABUS ****

PAPER - 3**Modern Indian History 1707 - 1964****Unit - 1**

- a) The British Conquest of India - Carnatic wars - Dupliex - Mysore wars - Haider Ali & Tipu Sulthan - Nature - Effects
b) Governors General - Bentick - Dalhousie - Reforms

Unit - 2

- a) The Revolt of 1857 - Nature - Causes and its results

Unit - 3

- a) Economic Policies of the British in India from 1757 - 1857 - Permanent Settlement of Bengal.
b) Economic impact of the British Rule - 1857 - 1947 - Impact on Cottage Industries - Agriculture.

Unit - 4

- a) Social and Cultural awakening in the 19th century - Brahma Samaj - Arya Samaj - Ramakrishna Mission - Theosophical Society.
b) Governors General - Ripon & Curzon - Reforms

Unit - 5

- a) The Indian National Movement 1885 - 1905 - Moderates - Extremists - Partition of Bengal & Vandemataram Movement.
b) The National Movement 1905 - 1920 - Home Rule League
c) The Gandhian era 1920 - 1947 - Jallianwallabag massacre - Khilafat movement - Non-co-operation Movement - Quit India Movement.
d) India after Independence 1947 - 1964 - Five year Plans.

Text Books:

1. Modern India - Bipin Chandra (NCERT)
2. Modern India - Sumit Sarkar, Macmillan India Ltd.,
3. Comprehensive History of India - Relevant Volumes ;
People's Publishing House, New Delhi
4. Modern India - P.Spear, Penguin Books, New Delhi
5. Modern India - L.P.Sarma, Konark Publishers Ltd., Delhi

PAPER - 4

ART AND ARCHITECTURE OF INDIA

Unit - 1

- a) Indus Valley - Town planning - Great Bath - Granary - Seals - Mauryan Art and Architecture

Unit - 2

- a) Art of the Sunga and Satavahana periods - Barhut and Amaravathi Stupa
- b) Art of Kushna period - Gandhara Art - Mathura Art.

Unit - 3

- a) Art and Architecture of the Gupta period
- b) Hindu cave architecture - Ellora - Badami - Elephanta & Mahabalipuram
- c) Ajanta painting - Theme and Technique.

Unit - 4

- a) Art and Architecture during Pallava and Chola periods.
- b) Art and Architecture during Badami Chalukyas and Rashtrakuta periods.
- c) Art and Architecture of Kakatiyas.
- d) Art and Architecture during Vijayanagara period - Lepakshi painting.

Unit - 5

- a) Tirumala and Sri Kalahastisvara temples - Architecture study.

Text Books:

1. Temples of North India - Krishna Deva (NBT)
2. Temples of South India - K.R.Srinivasan (NBT)
3. Temples of India - Krishna Deva, R.N.Books International, New Delhi
4. Hindu Temples and Indian Art - Silac Amaresh Vol - I and Vol - II
5. Indian Architecture - Percy Brown, D.B. Taraporevala sons & co. pvt. ltd.
6. Srikalahasti Temple : D. Kiran Krant Choudhury - Harman Publishing House, New Delhi - 2007

Reference Books :

1. Development of Hindu Iconography - J.Banerjie, University of Calcutta, Calcutta
2. Elements of Hindu - Iconography - T.A.Gopinath Rao
Published by Indological Book House, Varanasi
3. Temple legends : K.V.Ramesh,
Bharatiya Vidya Bhavan Publications, Bombay, New Delhi