

**VISISHTA-ACHARYA (M.Phil.)
COMMON ENTRANCE TEST (VACET-2017)
GUIDELINES**



राष्ट्रीयसंस्कृतविद्यापीठम् :: तिरुपति:

RASHTRIYA SANSKRIT VIDYAPEETHA :: TIRUPATI

(विश्वविद्यालयानुदानायोगस्य १९५६ धारायास्तृतीयानुभागेन स्थापितः विश्वविद्यालयः)

(University established under section 3 of UGC Act, 1956)

(राष्ट्रीयमूल्याङ्कनप्रत्यायनपरिषदा ए श्रेण्या पुनर्मानितः)

(Re-accredited at 'A' Level by NAAC)

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VISHISHTACHARYA (M.Phil.) COMMON ENTRANCE TEST-2017 (VACET-2017)

RASHTRIYA SANSKRIT VIDYAPEETHA, TIRUPATI

ENTRANCE TEST NOTICE - 2017-18

Rashtriya Sanskrit Vidyapeetha, Tirupati is going to conduct Vishishtacharya (M.Phil.) Common Entrance Test(VACET-2017) on 18 June, 2017 (Time -10.00 A.M. to 01.00 P.M.) at Rashtriya Sanskrit Vidyapeetha. Eligible candidates can apply through Bank D.D/Challan or downloading the application form from the following website - www.rsvidyapeetha.ac.in.

Important Dates

Application cum guidelines - from 24th April, 2017 to 5th June, 2017.

Date of Examination : 18-06-2017, Sunday from 10:00 a.m. to 1:00 p.m.

Date of Examination : 18-06-2017, Sunday from 3:00: p.m. to 4:30 p.m

(For Manuscriptology & Paleography) Part B - Only

Result Notification : 25-06-2017

Interview Date : 03-07-2017

Application Form Fee : Rs. 500/-

The candidates who wish to write the Entrance exam in Manuscriptology and paleography should pay an additional amount of Rs.200/-

1. Brief Introduction of Rashtriya Sanskrit Vidyapeetha, Tirupati

Located at the feet of Tirumala mountain in Andhra Pradesh, the Rashtriya Sanskrit Vidyapeetha was established at Tirupati in 1961 by the Govt of India on the recommendations of the Sanskrit commission (1957) for the study of traditional Sanskrit literature through modern research methodology. In April 1971, this institution was given the status of autonomous body by the Ministry of Education under the protection of Rashtriya Sanskrit Sansthan. In 1987 the Vidyapeetha was declared as Deemed University by the Govt. of India as per U.G.C. act 1956. Here teaching facilities are available for the study of courses ranging from Prak-shastri/Acharya/M.Phil./ Ph.D., Shiksha Shastri (B.Ed.), Shiksha Acharya (M.Ed.) etc. The courses of this organisation are duly recognized by NCTE and UGC. This Institution is in the list of All India Association of Indian Universities. This Institution is accredited and assessed with 'A' grade by NAAC (Cycle-2).

2. Visishta-Acharya (M.Phil) Programme

This degree in research is known as Visishta-Acharya. Its degree printed in Sanskrit along with English Translation will be awarded in convocation. The degree has been recognized as equivalent to M.Phil degree awarded by other Universities.

The Visishta-Acharya (M.Phil) Programme is offered in the following Subjects.

3. Departments offering M.Phil Programmes

There are 16 departments offering M.Phil Programmes. As per the UGC regulations 2016, depending on number of faculty available in each department the seats are decided as under.

Research Subjects and Available Seats

S.No	Department / Subject	No. of Seats Available
1	Sahitya	25
2	Vyakarana	07
3	Jyotisha	10
4	Dharma Sastra	02
5	Vedabhashya	01
6	Nyaya	06
7	Advaita Vedanta	12
8	Visistadvaita Vedanta	02
9	Dvaita Vedanta	04
10	Agama	07
11	Mimamsa	01
12	Sankhaya Yoga	01
13	Puranetihasa	01
14	Education	19
15	Computer Science	05
16	Manuscriptology & Paleography	11
	Total	114

***Note: GOI reservation policy will be followed according to Department / Subject.**

4. Available Seats

As per rules and regulations of U.G.C., the following no. of seats are available in each Department as per the teaching faculty available for the research students.

The no. of research candidates allowed under each post is as follows.

- (i) Per Professor : 03
- (ii) Per Associate Professor : 02
- (iii) Per Asst. Professor : 01

5. ABOUT VISHISHTA-ACHARYA (M.Phil.) COMMON ENTRANCE TEST-2017 (VCET-2017)

This Vishishta-Acharya Common Entrance Test - 2017 is meant for taking admission in Vishishta-Acharya (M.Phil.) Course in the Rashtriya Sanskrit vidyapeetha.

The Available Seats in Vishishta-Acharya

- ❖ Rashtritya Sanskrit Vidyapeetha, Tirupati - 114 Seats

6. EXAM CENTRE:

RASHTRIYA SANSKRIT VIDYAPEETHA, Tirupati -517 507

7. ADMIT CARD FOR VACET - 2017

All candidates will get Admit card from 15-06-2017 to 17-06-2017 from examination section. Students should preserve the Admit card till the admission in to M.Phil Programme.

8. ENTRANCE EXAM PATTERN

There will be two parts

Part A: Research Methodology – 50 Marks

Part B: Concerned Subject – 50 Marks

9. VISHISHTA-ACAHARYA (M.Phil) in Sanskrit

SHASTRA SUBJECTS:

1. **Eligibility:** All those candidates who wants to appear in Vishishta-Acharya Entrance Test should have Acharya/M.A. (Sanskrit) or having an equivalent to the master's degree from Universities, duly recognized by University Grants Commission/Deemed Universities.
2. **Percentage Required:** At least required 55% marks in aggregate shall be permitted to apply for the VACET.
3. For Candidates belonging to S.C/ S.T. /OBC. Otherwise able categories, minimum 50% marks in Acharya/M.A. Sanskrit shall also be considered as eligible.
4. Foreign candidates who have passed Acharya/M.A. (Sanskrit) with 55% marks in the aggregate from any Deemed University outside India can also apply for the VACET through the foreign department of the Govt. of India or the Ministry of Human Resource Development.
5. For appearing in the test, such candidates also shall be considered eligible who have appeared in Acharya/M.A. Sanskrit examination but their result is awaited. Such candidates shall be required to submit their Hall tickets Xerox copy. Before the admission.
6. Those eligible candidates who have cleared NET/JRF/ Lectureship test/SET are required to pass in VACET 2017. Reservation policy of G.O.I. shall be followed (SC - 15%, ST - 7.5%, OBC - 27%) and other reservations are as per rule of GOI.
7. **Duration:** One year (two semester)

NOTE:

- ❖ Students who wish to write Entrance Exam for M.Phil in Manuscriptology and Palaeography must pay additional amount of Rs. 200/-
- ❖ Students have to write Entrance Exam in Morning session along with other students in their respective Shastra. In the Afternoon the Manuscriptology and Palaeography Students have to write Part-B of Manuscriptology and Palaeography for 1 ½ hrs.

SYLLABUS FOR SHASTRA SUBJECT ENTRANCE EXAM

अनुसन्धानपद्धतिः /Part-A: Research Methodology

(Common for All Shastra & Manuscriptology and Palaeography)

Max. Marks - 50

I. अनुसन्धान (Research) पदव्याख्यानम्

- 1) Research पदेन समानार्थकानाम् “अनुसन्धानम्”, “गवेषणम्”, “संशोधनम्”, “परिशोधनम्” इत्यादीनां विवरणम्।
- 2) संस्कृतवाङ्मये अनुसन्धानस्य प्राचीनता, उदाहरणानि च।
- 3) संस्कृतवाङ्मये अनुसन्धानस्य आवश्यकता तत्प्रयोजनञ्च।

अनुसन्धानस्य स्वरूपम्, सीमा च

1. अनुसन्धानस्य स्वरूपम् ।
2. अनुसन्धानसोपानानि ।
3. संस्कृतवाङ्मये अनुसन्धानस्य सीमा ।
 - अ) वैदिक-लौकिक-दर्शनवाङ्मयम् ।
 - आ) ग्रन्थानां समीक्षात्मकमध्ययनम् ।
 - इ) मातृकाभ्यः पाठसमीक्षात्मकसम्पादनम् ।
 - ई) संस्कृतविदुषां व्यक्तित्वं कृतित्वञ्च।

II. अनुसन्धानप्रबन्धविषयचयनम्, शोधप्रस्तावः, सङ्घिकानिर्माणञ्च

- 1) अनुसन्धानविषयचयने अवधेयाः अंशाः।

- | | | | |
|---------------------|-------------------|------------------------|-----------------------|
| अ) अभिरुचिः | आ) योग्यता | इ) विषयस्य प्राधान्यम् | ई) सामग्रीणामुपलब्धिः |
| उ) स्पष्टत्वम् | ऊ) असन्दिग्धत्वम् | ऋ) अनुसन्धेयत्वम् | ऋ) अध्ययनयोग्यत्वम् |
| ए) समाधानयोग्यत्वम् | इत्यादयः। | | |

- 2) अनुसन्धानविषयचयनप्रक्रिया।

III. सामग्रीसङ्कलनम्, तत्स्रोतांसि सम्बद्धसाहित्यस्य सर्वेक्षणं च

- 1) प्राथमिकस्रोतांसि – मूलग्रन्थाः, व्याख्याः, पुरातत्त्वाधारः, शिलाशासनानि, शासकीयानि अभिलेखानि च।
- 2) आनुषङ्गिकस्रोतांसि – साहित्येतिहासः, ग्रन्थसूची, शोधपत्रिकाः, कोशाः, लेखनानि च।
- 3) आधुनिकोपकरणानि – अन्तर्जालम्, जालस्थानानि, ई-शोधपत्रिकाः, ई-कोशाः।
- 4) ग्रन्थालयः, ग्रन्थालयप्राप्यप्रयोजनानि।

IV. शोधपत्र-शोधप्रबन्धनिर्माणम्, तन्निर्माणे मूलसिद्धान्ताः, शोधप्रबन्धप्रस्तुतिश्च

- अ) शोधपत्रस्वरूपम्, रूपरेखा, उद्देश्यम्, निर्माणक्रमः, लेखनरीतिः, प्रस्तुतिक्रमश्च।
आ) शोधप्रबन्धनिर्माणम्, रूपरेखा, तत्प्रतिवेदनञ्च –शोधसारनिर्माणम्।

- 1) शोधप्रबन्धस्य पूर्वभागः – तत्रत्याः विविधाः अंशाः – प्रमाणपत्रम्, पुरोवाक्, भूमिका।
- 2) विमर्शात्मकशोधप्रबन्धस्य अध्यायाः, उपसंहारः – भाव्यनुसन्धानसूचना च।
- 3) मातृकासम्पादनात्मकप्रबन्धस्य निर्माणक्रमः।
- 4) शोधप्रबन्धस्य अन्तिमभागः – परिशिष्टम् – तस्योपयोगः – उद्देश्यम् – परिशिष्टगतांशाः –श्लोकसूची, श्लोकपादसूची, पारिभाषिकपदसूची – उल्लिखितग्रन्थ- तत्कर्तृसूची – अनुशीलितग्रन्थसूची एवमादि।

V. शोधप्रबन्धलेखनेऽनुसर्तव्याः नियमाः, अनुसन्धात्रा अवधेयाः अंशाः

- 1) कार्यावसरीया ग्रन्थसूची (Working Bibliography)।
- 2) टिप्पणीक्रमः।
- 3) उद्धरणनियमाः।
अ) लेखानाम्, आ) ग्रन्थानाम् इ) एकलेखकग्रन्थानाम्,
ई) नानालेखकग्रन्थानाम्, उ) अनामिकग्रन्थानाम्,
- 4) पादटिप्पणीनियमाः।
- 5) अक्षरमुद्रणम् (Spelling), वक्राक्षराणि (*Italic*), अङ्काः, अल्पविरामः, काल-देशाद्युलेखश्च, दोषशोधनम् (Proof)

Question Paper Pattern for Part – A: Research Methodology

I. Four short type questions	= 4Q X 5	= 20 Marks
II. Two long type questions	= 2Q X 10	= 20 Marks
III. Ten objective question	= 10 Q X 1	= 10 Marks

Total = 50 Marks

आदर्शप्रश्नपत्रम्/ Model Question Paper M.Phil Entrance test

अनुसन्धानपद्धतिः, Part-A : Research Methodology

Time 1.1/2 Hours

Max Marks: 50

I. यथेच्छं चतुर्णामुत्तराणि प्रत्येकं शतेन शब्दैः (100 words only) लिखत। 4 x 5 = 20

1. अनुसन्धानशब्दस्य निर्वचनम् उपदर्शयत ।
2. संस्कृते अनुसन्धानस्य आवश्यकतां विवेचयत।
3. शोधविषयचयनावसरे अवधेयाः मूलसिद्धान्ताः के?
4. शोधप्रबन्धे उद्धरणनियमान् प्रदर्शयत।
5. संस्कृतवाङ्मयेऽनुसन्धानस्य प्राचीनतां सोदाहरणं प्रदर्शयत।

II. यथेच्छं द्वयोः उत्तरं प्रत्येकं त्रिशतेन शब्दैः (300 words only) लिखत। 2 x 10 = 20

1. संस्कृतवाङ्मये अनुसन्धानस्य महत्त्वं विशदयत।
2. शोधकार्ये ग्रन्थालयप्रयोजनानि विवृणुत।
3. संस्कृतवाङ्मयेऽनुसन्धानस्य स्रोतांसि सोदाहरणं प्रदर्शयत।

III. एकेन वाक्येन उत्तरं लिखत। 1 x 10 = 10

PART – B

1. साहित्यम् – a) काव्यप्रकाशः – प्रथम उल्लासः – 25 Marks
b) ध्वन्यालोकः – प्रथम उद्योतः – 25 Marks
2. व्याकरणम् – a) महाभाष्यम् - पस्पशाह्निकम् – 25 Marks
b) परिभाषेन्दुशेखरः – 1 to 15 परिभाषाः – 25 Marks
3. ज्योतिषम् – a) सूर्यसिद्धान्तः -मध्यमाधिकारः, ग्रहणाधिकारश्च – 25 Marks
b) बृहज्जातकम् – 1 to 5 अध्यायाः – 25 Marks
4. धर्मशास्त्रम् – a) याज्ञवल्क्यस्मृतौ व्यवहाराध्यायस्य असाधारणव्यवहारमातृकाप्रकरणम् – 25 Marks
b) जीमूतवाहनकृतस्य दायभागस्य – आदितः चतुर्थाध्यायं यावत् – 25 Marks
5. वेदभाष्यम् – a) काण्वसंहिता – पुरुषसूक्तम् (सायणभाष्यम्) – 25 Marks
b) निरुक्तम् - दैवतकाण्डान्तर्गतसप्तमोऽध्यायः – 25 Marks
6. न्यायः – a) न्यायभाष्यम् – प्रथमोऽध्यायः – 25 Marks
b) हेत्वाभाससामान्यनिरुक्तिः – आदितः विशिष्टान्तराघटितत्वनिवेशनपर्यन्ता – 25 Marks
7. अद्वैतवेदान्तः – a) चतुस्सूत्री (शाङ्करभाष्य संहिता) – 25 Marks
b) सिद्धान्तलेशसङ्ग्रहः – (प्रथमः परिच्छेदः) – 25 Marks
8. विशिष्टाद्वैतवेदान्तः – a) जीवपरिच्छेदः – 25 Marks
b) श्रीभाष्यं (चतुर्थाध्यायः) – 25 Marks
9. द्वैतवेदान्तः – a) विष्णुतत्त्वविनिर्णय टीका (जयतीर्थविरचिता) वेदापौरुषेयत्वसमर्थनभागः – 25 Marks
b) न्यायसुधा (जयतीर्थविरचिता) यथार्थख्यातिनिरसनभागः – 25 Marks

10. आगमः – a) पाद्मसंहितायां योगपादः – 25 Marks
b) चन्द्रज्ञानागमः – प्रथमद्वितीयौ - 25 Marks
11. मीमांसा – a) भाट्टदीपिका - भूमिका – 25 Marks
(स्वशास्त्रीयेतिहासे पाठ्यक्रमे अस्त्ययमंशः)
b) मीमांसाभ्युदये प्रमाणपरिच्छेदः – 25 Marks
12. सांख्ययोगः – a) सांख्यकारिकाः (1 to 72 कारिकाः) – 25 Marks
(तत्त्वकौमुदी व्याख्यासहिता)
b) पतञ्जलियोगसूत्राणि - (1 to 4 पादाः) व्यासभाष्यम् – 25 Marks
13. पुराणेतिहासम् – a) पुराणपर्यालोचनग्रन्थस्य तृतीयपञ्चमपरिच्छेदौ– 25 Marks
b) श्रीमद्भागवतमहापुराणस्य प्रथमस्कन्धे प्रथमाध्यायात् - पञ्चमाध्यायपर्यन्तम् – 25 Marks

Question Paper Pattern for Shastras

सूचना – शास्त्रीयग्रन्थेषु विभागद्वयम् अस्ति प्रति विभागम् पञ्चविंशतिः (25 Marks) अङ्काः भवन्ति।

- 1) प्रत्येकस्मात् विभागात् एकः पञ्चदशाङ्कनाम् कृते द्वौ प्रश्नौ भवतः तयोः एकः प्रश्नः समाधेयः।
- 2) द्वयोः विभागयोः आहत्य षट् प्रश्नाः भवन्ति तेषु चत्वारः प्रश्नाः समाधेयः प्रतिप्रश्नम् पञ्चाङ्कः भवन्ति।

There will be Three Sections for each shastra.

- I. One question from 1st text to be answered out of two, carries 15 marks.
- II. Second question from 2nd text one question to be answered out of two, carries 15 marks.
- III. Four questions to be answered out of 6 each carry 5 marks.

आदर्शप्रश्नपत्रम्/ Model Question Paper M.Phil Entrance test

अनुसन्धानपद्धतिः, Part-B : Sahityam

Time 1.1/2 Hours

Max Marks: 50

-
- I. काव्यप्रयोजनानि विशदयत। 1 x 15 = 15
अथवा
काव्यलक्षणं विवृणुत।
- II. ध्वनेः विप्रतिपत्तीः विशदयत। 1 x 15 = 15
अथवा
ध्वनिकारिकां व्याख्यात।
- III. चत्वारः समाधेयाः 4 x 5 = 20
1. काव्यप्रकाशस्य मङ्गलश्लोकस्य व्याख्या।
 2. काव्यकारणानि।
 3. उत्तमकाव्यलक्षणम्।
 4. ध्वन्यालोकस्य मङ्गलश्लोकव्याख्या।
 5. काव्यस्यात्मा स एवार्थः इति कारिकाव्याख्या।
 6. भाक्तवादः।

NOTE:

- ❖ The Same Question paper Model will be followed for other Shastras.

10. VISHISTA-ACHARYA (M.Phil) IN EDUCATION

1. **Eligibility:** Candidates for admission to the M.Phil. programme shall have Shiksha Acharya(M.Ed) /Equivalent to the Master's degree by the corresponding statutory regulatory body.
2. **Percentage Required:** At least **55% marks in aggregate** or its equivalent grade **B'** in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) in P.G Degree.

A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled and other categories of candidates as per the decision of the UGC from time to time.

The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.

3. **Duration:** One year (2 Semesters).
4. **No. of seats:** 19
5. **Medium of Instruction:** Sanskrit (for Dissertation also)

SYLLABUS FOR VISHISTA-ACHARYA (M.PHIL) IN EDUCATION ENTRANCE EXAM

Part – A Research Methodology

Max. Marks - 50

1. सम्बद्धसाहित्याध्यायनस्य महत्त्वम्, उपयोगिता, लाभाः
2. न्यादर्श चयन प्रविधयः
 - a) सामान्य यादृच्छिकन्यादर्शः
 - b) क्रमबद्ध यादृच्छिकन्यादर्शः
 - c) स्तरीकृत यादृच्छिकन्यादर्शः
 - d) सोद्देश्ययादृच्छिकन्यादर्शः
3. अनुसन्धानोपकरणानि
 - a) प्रश्नवलिः
 - b) साक्षात्कारः
 - c) अभिवृत्तिमापनी
 - d) मनोवैज्ञानिक परीक्षणानि
4. शिक्षायाम् अनुसन्धान क्षेत्राणि
 - a) भाषशिक्षणक्षेत्रम्
 - b) छात्रासमस्याः
 - c) अध्यापकसमस्याः
 - d) अध्यापकशिक्षासमस्याः

Question Paper Pattern for Research Methodology

- | | | |
|------------------------------|------------|------------|
| I. Four short type questions | = 4Q X 5 | = 20 Marks |
| II. TWO long type questions | = 2Q X 10 | = 20 Marks |
| III. Ten objective question | = 10 Q X 1 | = 10 Marks |

Total = 50 Marks

Part - B

1. शिक्षायाः दार्शनिकसामाजिक आधाराः –
 - a) आदर्शनवादः प्रकृतिवादः यथार्थवादः प्रयोजनवादः
 - b) शिक्षा – सामाजिक परिवर्तनम्
2. शिक्षायाः मनोवैज्ञानिकाधाराः –
 - a) अधिगम सिद्धान्ताः
 - b) शास्त्रीयनिबन्धनम् (Classical Conditions)
 - c) क्रियाप्रसूतनिबन्धनम् (Operant Conditions)
 - d) प्रयत्नदोषाधिगमः
3. भारतीयशिक्षाप्रणाली –
 - 1) स्वातन्त्र्योत्तर कालीत विविधायोगाः
4. पाठ्यचर्या विकासः –
 - a) पाठ्यचर्याविकास सोपानानि
 - b) पाठ्यचर्चा प्रकाराः

Question Paper Pattern for Part-B

I. Four short type questions	= 4Q X 5	= 20 Marks
II. TWO long type questions	= 2Q X 10	= 20 Marks
III. Ten objective question	= 10 Q X 1	= 10 Marks

Total = 50 Marks

11. M.Phil in COMPUTER SCIENCE

1. **Eligibility:** Candidates for admission into M.Phil (Computer Science) shall have Masters Degree in Computer Science and Sanskrit Language Technology/Computer Science/Computer Applications or a Professional degree equivalent to Masters Degree by the corresponding statutory regulatory body.
2. **Percentage Required:** At least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) in P.G Degree.
3. **Duration of M.Phil (Computer Science):** One and Half year (3 Semesters)
4. **No. of Seats :** 05
5. **Medium of Instruction:** English

SYLLABUS FOR COMPUTER SCIENCE

Part – A (Research Methodology)

Research Methodology: Meaning of Research, Objectives of Research, Types of Research, Research Approaches, Significance of Research, Research Methodology, Selecting in Research Problem, features of Research Design, Sampling Design, Criteria for selecting sampling procedure, Census and Sample Survey.

Discrete Mathematics: Sets and Relations, Pigeonhole principle, groups, elementary probability theory

Part –B (Computer Science)

Data Structures: Fundamentals of Data Structure, stacks, queues, lists, heaps, binary trees and graphs, Tree traversals, Graph Traversals, Searching and Sorting.

Operating System: Functions of Operating System, Types of Operating System, CPU Scheduling, Deadlocks, Memory management.

Database Management Systems: Data models, Three Schema Architecture, E-R Diagrams, Normal forms, SQL.

Data Communication: Network Topology, OSI Model, TCP/IP Model, Transmission media.

Software Engineering: Process Models, Software Testing, Black box testing, White box testing.

Question Paper Pattern for Part-A

- | | | |
|------------------------------|------------|------------|
| I. Four short type questions | = 4Q X 5 | = 20 Marks |
| II. TWO long type questions | = 2Q X 10 | = 20 Marks |
| III. Ten objective question | = 10 Q X 1 | = 10 Marks |

Total = 50 Marks

Question Paper Pattern for M.Phil (Computer Science) Entrance Examination

Part –A

Paper I: RESEARCH METHODOLOGY

Time: 1 1/2hrs.

Max. Marks: 50

I. Answer any FOUR Questions from the following

4 X 5 = 20

1. Explain objectives of Research in Computer Science.
2. What are the criteria of selecting sampling?
3. Explain pigeonhole Principle?
4. Define group, poset, abelian group?
5. Explain different types of relations?

II. Answer any TWO Questions from the following

2 X 10 = 20

1. What is Research? Explain features of Research design?
2. State and Prove Demorgan laws?
3. Prove that $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$ using venn diagram?

III. Answer ALL Questions

10 X 1 = 10

1. Define Research?
2. List types of Research?
3. What is sampling survey?
4. What is Universal set?
5. Define Semi group?
6. Define relation?
7. What is conditional probability?
8. Define permutation?
9. Define combinations?
10. What is pigeon hole principle?

Question Paper Pattern for Part-B

- | | | |
|------------------------------|------------|------------|
| I. Four short type questions | = 4Q X 5 | = 20 Marks |
| II. TWO long type questions | = 2Q X 10 | = 20 Marks |
| III. Ten objective question | = 10 Q X 1 | = 10 Marks |

Total = 50 Marks

Question Paper Pattern for M.Phil (Computer Science) Entrance Examination**Part –B****Paper II: COMPUTER SCIENCE****Time: 1 1/2hrs.****Max. Marks: 50**

I. Answer any FOUR Questions from the following**4 X 5 = 20**

1. Explain PUSH and POP operations of stack.
2. Explain any two transmission media
3. What are the functions of operation system?
4. Explain DDL commands in SQL.
5. Explain the characteristics of software

II. Answer any TWO Questions from the following**2 X 10 = 20**

1. What is graph? Explain and DFS and BFS algorithms
2. Explain 3-Schema architecture for Database System.
3. Explain OSI-ISO reference model

III. Answer ALL Questions**10 X 1 = 10**

1. Define stack?
2. Define Queue?
3. Define binary tree?
4. What is DBMS?
5. List any four topology structures?
6. Define E-R model?
7. Define software testing?
8. Define black testing?
9. Define white box testing?
10. List any four types of operating system?

12. VISHISTA-ACHARYA (M.Phil) IN MANUSCRIPTOLOGY & PALEOGRAPHY

- 1) Eligibility, Duration and other requirement for as per Vishista-Acharya (M.Phil) in Sanskrit Programmes
- 2) Number of Seats : 11

SYLLABUS FOR ENTRANCE EXAM

Paper 1: Part – A Research Methodology Same as Vishista-Acharya (M.Phil) in Sanskrit.

Part – B Syllabus as below

प्रथमपत्रम् - द्वितीयो भागः

Paper – 1: Part – B

हस्तलेखशास्त्रम्, प्राचीनलिपिशास्त्रम् /Manuscriptology and Palaeography

Max. marks - 50

I. मातृका पाण्डुलिपिर्वा, मातृकागाराणि, ग्रन्थसूची, राष्ट्रीय पाण्डुलिपि मिशन, पत्रिकाश्च

- 1) मातृकाः - मातृकाणां वैविध्यम् – तालपत्रम् – तल्लक्षणम् – श्रीतालपत्रम् – खरतालपत्रम् – तालपत्रस्य लेखनोपयोगित्वम् – तालपत्रस्य प्राचीनता, प्रसिद्धसंस्कृतकाव्येषु लेखनोपयोगित्वेन तालपत्रस्योल्लेखः।
- 2) नवीना ग्रन्थसूचीनां सूची New Catalogus Catalogorum (NCC),
- 3) मातृकासम्बद्धाः पत्रिकाः ।
- 4) राष्ट्रीय पाण्डुलिपि मिशन

II. मातृकासङ्ग्रहणं संरक्षणं प्रसिद्धमातृकाग्रन्थालयाः च

- 1) मातृकासङ्ग्रहणम् – भारते विद्यमानाः प्रसिद्धमातृकाग्रन्थालयाः
- 2) मातृकासंरक्षणम् – संरक्षणस्य आवश्यकता – मातृकाविनाशे कारणानि – वातावरणस्थितिः – परिसरप्रभावः – कृमिकीटादयः – संरक्षणोपायाः (Fumigation) - मातृकायाः सुस्थीकरणम् (Repair of Manuscripts) तैललेपनम् इत्यादीनि

III. मौखिकपरम्परा, लेखनपरम्परा च

वर्णोच्चारणस्थानानि – अकुहविसर्जनीयानां कण्ठः इत्यादिः।

प्राचीनभारते मौखिकपरम्परा, ग्रन्थसंरक्षणपरम्परा च। वेदवाङ्मयसंरक्षणे प्राचीना उपायाः (अष्टविकृतयः) – संहिता, पदं, क्रमः, जटा, घनः, अन्ये च प्रकाराश्च ।

IV. भारतस्य प्राचीनाः लिपयः तद्विकासश्च

विनष्टाः उपयुज्यमानाः च भारतीयाः लिपयः, अशोककालिकब्राह्मी –ततः समुत्पन्नाः प्राचीनाः आधुनिकाः च लिपयः – मातृकासु लेखनाय उपयुक्ताः लिपयः– शारदा-ग्रन्थ-नन्दिनागरी-तिगलारी-नेवारी-प्राचीनदेवनागरीप्रभृतयः लिपयः।

Question Paper Pattern for Part-B

I. Four short type questions	= 4Q X 5	= 20 Marks
II. TWO long type questions	= 2Q X 10	= 20 Marks
III. Ten objective question	= 10 Q X 1	= 10 Marks

	Total	= 50 Marks

प्रथमपत्रम्- Part – “B” - Paper – 1 : Part – “B” -

हस्तलेखशास्त्रम्, प्राचीनलिपिशास्त्रम् / Manuscriptology, and Paleography

Time 1.1/2 Hours]

[Max Marks: 50

I. यथेच्छं चतुर्णां लघुटिप्पणीं प्रत्येकं पञ्चाशच्छब्दैः (50 words only) लिखत। 4 x 5 = 20

1. मातृकाशास्त्रं नाम किम्? विशदयत
2. लिपिशास्त्रं नाम किम्? विशदयत
3. मातृकासंरक्षणोपायाः के? विशदयत
4. मातृकाविनाशे कारणानि प्रदर्शयत।
5. प्राचीनभारतीयां ग्रन्थसंरक्षणपरम्पराम् अधिकृत्य लिखत।

II. यथेच्छं द्वयोः उत्तरं प्रत्येकं शतेन शब्दैः (100 words only) लिखत। 2 x 10 = 20

1. वेदवाङ्मयसंरक्षणे प्रदर्शिताः प्राचीनाः उपायाः के? विवृणुत।
2. मातृकासु उपयुज्यमानाः भारतीयलिपीः अधिकृत्य विशदयत।
3. भारते विद्यमानान् प्रसिद्धमातृकाग्रन्थालयान् अधिकृत्य लिखत।

III. एकेन वाक्येन उत्तरं लिखत।

1 x 10 = 10

13. MINIMUM MARKS REQUIRED FOR PASSING VACET 2017

The applicants have to obtain minimum of 20 marks in Part-A & minimum of 20 marks in part-B. 50 marks in aggregate to qualify in the VACET 2017.

14. ADMISSION PROCEDURE

a) Procedure for Final Selection in Shastra Subjects:

- 1) Qualified in M.Phil (Sanskrit) Entrance Test.
- 2) Acharya/M.A. Sanskrit: 60% of marks secured.
- 3) Interview – 40 Marks
- 4) Weightage marks: JRF- 8 Marks, NET – 5 Marks, SET – 3 Marks

b) Procedure for Final Selection in Education:

- 1) Qualified in M.Phil (Education) Entrance Test.
- 2) Shiksha Acharya/Equivalent P.G Degree in Education: 60% of marks secured.
- 3) Interview – 40 Marks
- 4) Weightage marks: JRF- 8 Marks, NET – 5 Marks, SET – 3 Marks

c) Procedure for Final Selection in Computer Science:

- 1) Qualified in M.Phil (Computer Science) Entrance Test.
- 2) M.Sc/MCA/Equivalent P.G Degree in Computer Science: 60% of marks secured.
- 3) Interview – 40 Marks
- 4) Weightage marks: JRF- 8 Marks, GATE/NET – 5 Marks, SET – 3 Marks

15. IMPORTANT INSTRUCTIONS

1. Read guidelines carefully.
2. These guidelines contain important information related to the admission.
3. Fill the application carefully. Incomplete application will not be accepted.
4. The facts mentioned in the application will be duly verified at the time of examination and admission.
5. On verification of any type of false information legal action as per rules will be taken. It also includes disqualification from examination or cancellation of admission.
6. Paste your clear and latest photo on the application. If the photo and signature do not match properly at the time of examination/admission then it may result in disqualification from the examination/ cancellation of admission or any other legal action deemed fit.

16. SPECIAL NOTE

1. List of Selected candidates will be uploaded on website.
2. The merit list of results of the Entrance Test will be prepared separately for each Department.
3. Vidyapeetha will give admission according to its own admission policy.
4. The admission will not be transferred to another Department after taking admission in one Department.

17. INSTRUCTIONS FOR FILLING THE APPLICATION

The applicants appearing for VACET - 2017 can fill the prescribed application. The incorrect, incomplete applications or filled after the last date of submission will be rejected forthwith. Only selected candidates in VACET will be admitted in order of merit. This merit list will be valid for the year 2017 only.

18. SCHOLARSHIP

Scholarship is also provided to eligible research candidates as per rules of Rashtriya Sanskrit Vidyapeetha, Tirupati.

19. ENTRANCE TEST RULES

1. The candidate appearing in the VACET should bring his/her own blue/black ball pen for the test.
2. Candidates using unfair means, getting external help or helping others or indulging in indiscipline in the VACET can be disqualified from examination by Centre Superintendent.
3. Legal action can also be initiated.
4. In case of mismatch of photo or doubt etc. suspension from exam/cancellation of admission or
5. Any other legal action can be taken. The applicant will be responsible for this.
6. Calculator, Mobile Phone, Pager, Smart Watch etc. are prohibited in the examination hall.

20. NOTABLE POINTS BEFORE APPLYING

1. Eligible candidates only can appear in the written test. If the candidate lacking the prescribed qualification appears for VACET then he/she will be responsible for the consequences.
2. Vishishta-Acharya course is recognised by UGC. The admission will be strictly on the basis of number of seats available in the Departments of the Vidyapeetha.
3. Scrutiny of eligibility for admission, verification of reservations etc. are under the control R.S. Viydpapeetha, Tirupati.
4. The decision of the V.C. will be final regarding admission.
5. All judicial matters will be settled under HYDERABAD JURISDICTION only.
6. No re-evaluation of the answer copy is permissible.
7. The entry in the examination hall will not be allowed without admit card at the time of VACET.
8. The VACET - 2017 admit card has to be submitted at the time of registration in Vishishta-Acharya Programme.