KERALA TEACHER ELIGIBILITY TEST
(K-TET) 2012

SYLLABUS

Category IV
[For Language Teachers in Arabic, Urdu, Sanskrit, Hindi
(Up to Upper Primary Level),
Specialist Teachers & Physical Education Teachers]

State Council of Educational Research and Training (SCERT)
KERALA
August 2012
KERALA TEACHER ELIGIBILITY TEST 2012-'13

Category IV

SYLLABUS

1. ARABIC

The syllabus consists of two sections. The first section (50 questions) includes sections on Grammar, Inference, and Verbal Ability. The second section (20 questions) contains a comprehensive examination of the language development and the history of Arabic literature and its impact on the Islamic and Seljuk periods. The materials for the first section include:

- History of the Arabic language: its characteristics and its importance in the Islamic and Seljuk periods (1 question)
- The Quran, the Holy Prophet, and their impact on Arab literature (5 questions)
- Educational - it is based on a specific period and detached from the established system (1 question)
- Grammar and morphology (5 questions)
- The materials in the book of the teacher, the book of the teacher in the official curriculum in Kerala (4 questions)

The materials for the second section include:

- Study of language acquisition
- Language skills: listening, speaking, reading, and writing
- Communication skills
- Teaching strategies
- Recent teaching strategies and strategies for improving Arabic
This section has two parts. First part (50 MCQs) intents to text comprehension, Inference, Verbal ability, Applied grammar and Understanding of history of classical and modern Arabic literature. The second part (30 MCQs) tests the awareness of pedagogy of language learning and development. Each MCQ carries one mark.

**Part One**
- Arabic language:V its history, characteristics, literature and its importance - Classical and Modern: General overview (10 Marks)
- Influence of Holly Quran and Hadith Shareef in Arabic literature. (5 Marks)
- Comprehension based on one unseen passage and poem lines (10 Marks)
- Applied Grammar, Rhetoric and Prosody (15 Marks)
- Arabic Text books and Hand books from STD 1 to STD 8 of state schools of Kerala (10 Marks)

**Part Two**
- Language learning and acquisition
- Basic language skills - listening, speaking, reading and writing
- Communication skills
- Methods of Teaching Arabic - Traditional and modern
- Teaching of grammar - modern view on the role of grammar
- Teaching languages in diverse class rooms, differently abled children: Problems and Challenges
- Teaching, learning materials, text books, hand books, and Multimedia
- Evaluation: CCE, Terminal Evaluation
- Lesson planning - its important and modalities
2. HINDI

हिंदी पाठ्यक्रम

मौलिक शिक्षणार्थ (Pedagogy of Language development)

भाषाज्ञान प्रक्रिया - भाषा का नया परिप्रेक्ष्य - सैद्धांतिक आधार। - सर्वभाषा व्याकरण (Universal Grammar) - सामाजिक ज्ञान निर्मितिवाद (Social Constructivism) - वहुमूल्य वृद्धि शिक्षाल (Theory of Multiple Intelligence)

(3)

(2)

(2)

(5)

(1)

(3)

(3)

(1)

(1)

(2)

(5)

(1)

(1)

(2)

(2)

विषय (CONTENT)

हिंदी भाषा और सिपि

1. हिंदी की प्रमुख बालिका- नाम, अवधि, बहेरीवाली (2)
2. देवनागरी लिपि (2)

हिंदी साहित्य का इतिहास

3. श्रीपुजारा काल - वंदनवर्दा-पृथ्तिराज रासो (1)
4. भक्तिसंगीत - निममुण काव्यधारा- कवीवर्दा (1)
5. सरस्वती काव्यधारा-सुदर्शन और तुलसीदास की प्रमुख रचनाएँ (2)
6. रीतिकाल- विज्ञानीलेख (1)
7. दृष्टिबंधु श्रवण-विनोबासिक पुस्तक हरिप्रतिष्ठ -प्रति प्रवास मैथिली शरण गुप्त - पंचवटी (3)
8. छायावाद
   जयशंकर प्रसाद - ऑसी
   सूर्यकुमार पंत - प्रथम रशिम
   सूर्यकोब त्रिपाठी निराला - जुड़ी की कली
   महादेवी वर्मा - मेरे दीपक

9. प्रगतिवाद - नागाजून-कालिवास

10. प्रयोगवाद - अंजेय -नदी के दूरीप

11. समकालीन कविता (2)
   कुमार अंबुज- एक आदमी जंगल में

12. नाटक : जयशंकर प्रसाद- संदुग्ध
   मोहन राकेश- आपाप का एक दिन

13. उपन्यास : प्रमचंद - निर्मला
   मातृ भंडारी - आप का वंदी

14. कहानी : प्रमचंद-पुस की रात
   यशपाल- दुर्ख
   उपा प्रयंवंदा- वापसी

15. रेखाचित्र - महादेवी वर्मा - मिल्लु

16. आत्मकथा : हरिवंशराय बच्चन की आत्मकथा

प्रयोजनमूलक हिंदी (3)

17. राष्ट्रभाषा और राजभाषा

18. पारिभाषिक शब्दावली (2)

व्याकरण (2)
19. वर्ण-विचार
20. संज्ञा (2)
21. सर्वनाम (2)
22. विशेषण (2)
23. क्रिया (4)
24. कारक (2)
25. उपसंर्ग, प्रत्यय (1)
26. वाच्य (2)

मुहावरे एवं लोकोक्तियाँ (1)
27. मुहावरा
28. लोकोक्ति (1)

Reference:
1. Hindi Text Books and hand books : std. V to XII
3. SANSKRIT

A. शिक्षाशास्त्रावगमः। बहुविकल्पमातृकाप्रेषनः। (30)

(अ) भाषावगमः।
का नाम भाषा। भाषागृंटिणी। भाषां गृंटित्व स्थानाम्। श्रवण - भाषण - वचन लेखन - नैपुष्यः। भाषाधमः।
- प्रशांगम् - प्रकटमम् - आश्वादनम्। संकृतपदन्योनिश्चानिः।

(आ) भाषागृंटित्नत्वानि।
बोधनविश्लेषणां (Maxims of Language Teaching)

(इ) संकृत शिक्षणविधः। (Methods of teaching Sanskrit)
गुरुकुल - भ्रार्कुश - पाठ्यसंग्रह - समन्त्र प्रक्रिया। ग्रंथशिक्षणम्। पदशिक्षणम्। व्याकरणशिक्षणम्। नाटकशिक्षणम्।
रचनाशिक्षणम्।

(ई) भाषपदन्योनिश्चानः। (Approaches of Language learning)
व्यवहारवादः। जाननिर्मितावादः। समावाहिक पदन्योनिश्चानः। विचिन्हानामाक पदन्योनिश्चानः।

(उ) संस्कृतलित शिक्षा।

(ऋ) मूलविश्लेष्यः।
सामान्यालिकभूमि-विश्लेष्यः। विशेषालिकभूमि-विश्लेष्यः। परस्परभूमि-विश्लेष्यः। वार्षिकभूमि-विश्लेष्यः। श्रेणीकरणम्।
(Grading)

Ref: 1. संकृताधाःपनस्य तृत्तांप्रविष्ठाः। by CHLN SARMA & Fatheh Singh
2. संकृतआधाःपनस्म् by Dr. Sahadeven

B. विषयः। (Content) बहुविकल्पमातृकाप्रेषनः। (60)

अधूर्द्वं गव्यांगानांकं पठिनां तदर्गत - प्रशानामुद्धराणामकः। बहुविकल्पमातृकाप्रेषनः। (5)
अधूर्द्वं श्लोकांकं गुर्यांगातं पठिनां तदर्गत - प्रशानामुद्धराणामकः। बहुविकल्पमातृकाप्रेषनः। (5)
संकृताशास्त्रां संकृत साहित्यम् च (15) केरलीय संकृतकुलम्। (3) आनुकालिकप्रश्नम्। (2)
आहत्य 20 बहुविकल्पमातृकाप्रेषनः। (20)

व्याकरणम्
धातुपद:तकारुपंशबचनानि (2)
अनन्तिकाधकारितत्वनिश्चानिः (2)
सचि: (5)
कारकम् (5)
समासः (2)
प्रयोगः (2)
संज्ञाप्रकरणम् (2)
आहत 20 वहुविकल्पमातृकाप्रश्नाः
अलड्डकाराः
अनुप्रासः, यमकम्, शलेषः, कायचित्रम्, उपमा, रूपकम्, ऊषेशा, दीपकम्, अर्थात्तर्द्यासः, उल्लेखः।
आहत 5 वहुविकल्पमातृकाप्रश्नाः
(5)

बृहस्पति
वर्णानां गुरुत्वप्रियाणां गणनर्थवल्ल। अनुप्रासः, इद्भवः, रसोदर्दः पूणिन्ताया, उपनातिः, वंशस्यम् सम्भवः, मायिनी, वसन्तिलकः, शारदैविकीकृतिम्। आहत 5 वहुविकल्पमातृकाप्रश्नाः।
(5)

Ref: 1. SCERT द्वारा निर्दिष्टानि पत्रमीति द्वादशकश्यापर्यंतनाति पाठ्यपुस्तकानि हस्तमुखानि तथा। (संस्कृतविद्यालयानां 
अकादमिक विचारालयानां च)
4. URDU

زبان ایک انتخاب اور تیار کیا گئا ہے

زبان کی تعلیم کے لئے بحث رہے ہوں گے:

I
نامور نیا انتخابات، تعلیم و تربیت کی تعلیمات، معلمان کی تعلیمات اور تعلیمات

II
زبان کی تعلیم کے لئے بحث اور تعلیمات ہوں گے:

III
ئیماجیک ساہت اپنے خرد، شعری اور غزیرہ قلمی، قالم اور زمرش، قلم اور قلم

IV
زبان اوراس کی تعلیم ہوں گے:

V
اتیم اور غزیرہ قلمی، اسماء غنی، اوراسی خدیجہ، غنی، اسماء غنی، اسماء غنی، اسماء غنی

VI
اتیم اور غزیرہ قلمی، اسماء غنی، اسماء غنی، اسماء غنی، اسماء غنی

VII
ماجیک ساہت اپنے خرد، شعری اور غزیرہ قلمی، قلم اور زمرش، قلم اور قلم

VIII
اتیم اور غزیرہ قلمی، اسماء غنی، اسماء غنی، اسماء غنی

IX
ئیماجیک ساہت اپنے خرد، شعری اور غزیرہ قلمی، قلم اور زمرش، قلم اور قلم

X
اتیم اور غزیرہ قلمی، اسماء غنی، اسماء غنی

XI
دری اسپس کے تعلیمات
موارد

اردو زبان کا آغاز و تاریخ

اندرون خاک ایک تاریخی سیور اور تاریخی تعلقوں کے نتیجے میں ایک قومی کہتو ہے۔

دو ساتویں سے چھٹیویں صدی میں کلاں اور اسکرول کے خیبر پختونخوا کی آسٹریا کے غوطہ میں تعلقے ہوئے۔

گھوڑے، ہندو، ہورنی، پیمير، ہورنی، ہورنی، ہورنی، نیلک، عارفیہ، دہلی، اورنگزیب، پیمبران، فیصل آباد، مؤن،

اردو شاعری کا اراکن

غلبہ، اور پچاڑن، خونہ، گھورا

دیو بادن والی کے شعراء

میر چن، گیتن، گیب، گیب، گیب، گیب، گیب، گیب، گیب، گیب، گیب، گیب، گیب، گیب، گیب، گیب، گیب، گیب

مرگ کی گفتگو

ملک کی گفتگو

مولا تائیں سے کلام، گھوڑے، پاچاڑن،

داستان

تالاب مہاراشترا، مردوی زرداری، بھارت کی پنجاب، نواب شاہ، سوات، سوات، سوات، سوات، سوات،

آگہ شاہ کی گفتگو

خالقیت میں تیاری، تیاری

جغرافیہ کا اورنگزیب محمد شامل، خیبر پختونخوا، اسلام آباد، پنجاب، گلگت بلتستان، اسلام آباد،
## مولات والکم مزون: مرزاغالی

- مریدا بخش کان اوران کی ڈفیٹ (عاصمہ)
- کی نشیم خواتت: 
- مسابقینی آزاد مولات والکم، همایونی، نظریاء، ذکا اللہ
- اوردوی ترندی اور دعیت میں پیشرین امرانی نشیم خواتت:
- فورت و پیک ہی، دیو کا بیج، علیگرہ ہی، عوامی ٹری اردو (NCPUL)
- تویہو دکل برائے قروڑ نیاپ ان اردو

## تواعد:

<table>
<thead>
<tr>
<th>اسم تعلیمی</th>
<th>اسم خاص</th>
<th>اسم عام</th>
<th>اوران</th>
<th>مرکزی</th>
<th>ملک</th>
<th>نسبت</th>
<th>اوران کی تعلیم</th>
<th>خلاف اوران کی تعلیم</th>
<th>تعلیم کی کمی</th>
<th>کمادی، تشخیصات</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## نمبر اور اسلاوکت

<table>
<thead>
<tr>
<th>اسکور</th>
<th>سوالات</th>
<th>مواد</th>
</tr>
</thead>
<tbody>
<tr>
<td>1x5</td>
<td>5</td>
<td>اوردو پیانے کی ابتدا و دیکھی اوردو</td>
</tr>
<tr>
<td>1x20</td>
<td>20</td>
<td>اوردو شریک کا ایکتا</td>
</tr>
<tr>
<td>1x25</td>
<td>25</td>
<td>اوردو تیر</td>
</tr>
<tr>
<td>1x10</td>
<td>10</td>
<td>تواعد</td>
</tr>
<tr>
<td>1x30</td>
<td>30</td>
<td>زبانی مصنوعات اوردو پر بحث لباس</td>
</tr>
</tbody>
</table>
5. PHYSICAL EDUCATION

I. Foundation, Philosophy and History of Physical Education
a) Definition, aims and objectives of Physical Education - Scope and nature of Physical Education- Modern concept of Physical Education and its inter-disciplinary approach- Sports Sciences including Sports Medicine, Biomechanics, Kinesiology, Exercise Physiology, Sports Psychology.

b) Biological Principles - Biological basis of life, Growth and development, Biped position, Individual differences- Heredity and environment- Sex differences- Body types- Anatomical age- Physiological age- Chronological age and mental age.

c) Philosophical Principles: Philosophy- meaning and nature- Educational philosophy applied to Physical Education - Naturalism, idealism, pragmatism, realism, existentialism- Contribution of following educational philosophers- Rousseau, Froebel, Dewey, Gandhiji and Tagore.

d) History: Physical Education in ancient Greece, Rome - Physical Education in ancient India- Vedic period and epic period- National Sports Awards- SAI, NSNIS, NYK, PYKKA, TPFP- Ancient and modern Olympics games, Asian games, Common wealth games and SAF games, Youth Olympic Games (YOG).

II. Management of Physical Education and Sports
Meaning, Importance and scope of management - Principles and guidelines of management- Skills of management- Management structure for Physical Education and Sports programmes (SAI, SGFI, KSSC, IOA) - Facility management- Playfield preparation, layout and maintenance - Purchase, Care, maintenance and repair of equipment- Planning and budgeting - Storekeeping- Stock register- Stock verification.

III. Anatomy, Physiology, Kinesiology and Biomechanics
a) Cell, Tissue, organ and system, cell divisions - Structure and functions of blood- Classifications and functions of bones- Structural and functional classification of muscles- Cardiac and smooth muscles- Definition and classification of joints.

b) Physiology: Digestion, absorption and transportation of nutrients, Organs associated with excretion and their functions- Structure of neuron- Functions of important parts of nervous system (brain and spinal cord)- Secretions and functions of endocrine glands (Pituitary and thyroid)- Functions of sense organs (skin, eye, nose, tongue and ear)- Cardiac output - Stroke volume - Heart rate- Venous Return - Blood pressure - Vital capacity - Tidal volume - VO2max -BMI-BMR- Aerobic and anaerobic activities- Oxygen debt- Second wind.

c) Kinesiology and Biomechanics: Definitions and role of Kinesiology and Biomechanics in Physical Education and Sports- Fundamental and anatomical positions- Orientation of planes and axes of motion- Fundamental joint movements and related muscles- Types of muscular contraction- Definition and brief explanation of following terms: mass, weight, force, motion and its types, equilibrium, friction and momentum, levers and its types, anatomical levers, Newton’s laws of motion, speed, velocity, acceleration, spin, water buoyancy, centrifugal and centripetal force, work, power and energy, centre of gravity, pressure, moment of force, moment of inertia, projectiles, momentum and impulse, impact and elasticity, air resistance and water resistance.

IV. Psychology and Sociology

V. Health Education, First-Aid, Corrective and Adapted Physical Education

a) Health Education: Definitions, determinants and spectrum of health, Communicable diseases- Disease cycle, method of disease transmission- immunity- concept of hygiene- community health- Nutrition- Classification of foods- Proximate principles - important sources and functions of vitamins and minerals- Balanced diet- Under nutrition- Malnutrition- Lifestyle diseases: Type II diabetics, Hypertension, osteoporosis, obesity, heart diseases.


d) Adapted Physical Education: Definition of disabling conditions - Designing Physical Education programmes for differently abled students - Benefits of Physical Education for students with disabilities - Recreational sports opportunities- Competition opportunities: Paralympics - Classification of disability: Physical disabilities, Mental retardation, Visual impairment, Hearing impairment , Behavioral disorders, Characteristics and functional limitations of the above disabilities

VI. Teaching Methodology in Physical Education


VII. Test & Measurements in Physical Education & Sports

a) Meaning of the terms: test, measurement and evaluation- Need and importance of test, measurement and evaluation in physical Education- Criteria in the selection of test - Scientific Authenticity, Validity, Reliability, Objectivity, Norms , Administrative feasibility, Educational applications - Administration of a testing programme- Duties before, during and after testing- Measurement of Cardio respiratory function - Cooper's 12 minute Run/Walk test, Harvard's step test and its modifications -Measurement of motor fitness- AAHPER physical fitness test battery, JCR test- Measurement of general motor ability- Barrow motor ability test (Men), Scott Motor ability test (Women), Mc Cloys' general motor ability test- Measurement of Strength -Kraus-Weber minimum muscular fitness test, Roger's physical fitness index.

b) Anthropometry: Girth measurements - Width measurements -Height and weight readings - Skinfold measurements -Body composition and indices.

c) Statistics: Measures of Central Tendency (Mean, Median and Mode)- Measures of Variability (Range, Quartile Deviation and Standard Deviation).


VIII. General Theory and Methods of Training

a) Definitions of conditioning, training, coaching and sports training- Objectives and principles of sports training- Training load- Load adaptation process, overload- signs and symptoms of overload, remedial measures and methods of overcoming overload.

b) Physical Fitness: Definition of physical fitness, health-related physical fitness - skill/performance related physical fitness - components of physical fitness.


d) Technical training: Definition of technique - Importance of technique- Process of technique learning (phases of skill acquisition) - Methods of technique training- Concept tactics and strategy- Periodical cycles (micro, meso and macro cycles) - Principles of Planning- Periodisation- Definition of periodisation, Importance of periodisation, Types of periodisation.
6. Drawing

To develop an awareness of the basic principles of art in students so that they can articulate in Visual language.

**Basic Elements**
Picture plane, Picture frame, line, shape, texture, Pigments, Various Media and materials, colour theory, composition, characteristics of space, volume, dimensions, Geometrical space, perceptual space, conceptual space, Space volume as medium of experience and expression in sculpture and perspective principles.

**Principles of Basic Elements**
Proportion, balance, harmony, Rhythm unity of form and composition. Art and its primitive beginnings, prehistoric cave paintings of Europe and India.

**History of Indian Art**

**History of World Art**
Pre-historic art :-Altamira -- Paleolithic Painting & Sculpture- Neolithic Pottery -- Magico-religious function of art
Greek Art- Roman architecture and sculpture-Early Christian Art-Byzantine art Art of the middle ages-Gothic art. Renaissance in Italy and Northern European countries-Leonardo da vinci, Michael Angelo, Raphael, Dutch realists of 17th Century, Romanticism, "Realism" in 19th Century
Impressionism-- Post impressionism -- Fauvism, Cubism--Expressionism-Futurism-abstraction-surrealism-Dadaism-Pop art, post modern art -Installations- Public art practices- contemporary art scene.

**Art Pedagogy**
Scope, role and nature of art education in School curriculum-- the rationale for including art subject supplementing learning process to see overall how it affect personality development.

Method of imparting the skill-
Constructive method: practical work-concept formation-Imagination
1. History of art and Ideas: ( to be narrated in story-telling style)
2. Simple introduction to some important aesthetic concepts
3. Description of great works of art stressing their significance of form-and-content relationship.
4. Arrange reproductions or electronic images of works of art and hold discussions on them -- motivate students to look at works and encourage them to interpret the works in their own words.
5. Introduce to the students simple pieces of description about a work written by noted art-writers and make them learn how to talk about/write about a work of painting or sculpture, stressing the form, content and meaning of the work.
7. SEWING

Contents

Sewing Machine
- Different types of sewing machine - Hand, treadle, electrical, over lock
- Parts of sewing machine and functions
- Care and maintenance
- Common problems and remedies while sewing
- Special attachments

Tailoring Tools and Equipments
- Measuring, Drafting, Cutting, Stitching, Pressing

Body Measurement
- Measurement of human body and its importance
- Dress form
- Eight head and ten head theory
- Measurement chart & relation of measurement

Pattern Making
- Precautions in making patterns, Lay out, grading, spec sheet
- Precautions in cutting cloth - texture based and design based

Hand Stitches used for Tailoring
- Tacking, running, hemming, back, button hole, herring bone, over casting…..

Fullness in garments
- Seams, darts, tucks, pleats, ruffles, gathers, smocking
- Hemmed opening, continous opening, simple placket, mitred opening, fly opening, bound opening, shirt opening
- Buttonholes, buttons, hooks, eyes, zip, tape loops, rouleau loops
- Facing, Binding, Piping

Raw Materials
- Introduction to textiles
- Classification of fibres - Natural and manmade
- Yarn manufacturing process, yarn particulars
- Different types of sewing threads, properties of sewing thread

Fabric Forming
- Features of looms - types of looms - weaving process

Fabric Particulars
- Warp, weft, EPI, PPI selvedge, cloth width, weaving designs

Finishing Process
- Singeing, scouring, bleaching, mercerizing, sanforising, dyeing, printing, calendaring, shrinking, weighing, napping, glazing, embossing, moireing
- Roller printing, screen, block, stencil, spray, direct, discharge, resist
- Common dyes, methods and styles of dyeing

Study of cloth
- History of clothing
- Cotton, silk, linen, woolen, shiffon, net, rayon, polyester, nylon, velvet, canvas
- Selection of Fabrics according to climate, age, occupation, religion, cultural, political, festival
- Clothing care - Stains removal, laundry
- Different Types of mending, darning, patching
Technical Terms
• Cross back, fly, lapels etc

Knitting
• Basic stitches, patterns, knowledge of tools

Crochet
• Basic stitches, knowledge of tools

Embroidery
• Hand embroidery tools
• Stitches and usage - Out line stitches, chain stitches, border stitches, marking stitches, decorative stitches and ornamentation stitches
• Design Transferring - Pouncing method, carbon, direct
• Design Enlarging and Reducing - Square method, diagonal method
• Cut work, aplique work, shadow work, drawn thread work, mirror work, beads work, sequence work

Fabric Painting
• Primary colours, secondary colours, tertiary colours, warm and cool colours, colour wheel

PEDAGOGY
• Scope, role and nature of art and craft education in school curriculum – the rationale for including craft subject – supplementing learning process – overall personality development
• Method of imparting the skill – constructive method – practical work – concept formation – imagination – instructional aids – use of audio visual equipments – practical records and albums – field visit – lesson planning – unit planning
• Directing learner interest – approach
• Trends and development in garment manufacturing – Socio economic considerations of fashion – fashion designers – India and abroad
• Publications in the craft – books and journals – national level institutes in garment manufacturing education – NIFT – institutes involved in framing quality norms in the craft – ATIRA, NITRA
• Evaluation – Constructing practical tests, assessing the skills.
8. Music

Historical aspects of Music

Origin of music
- Margi - Desi
- Evaluation of Scales
- Forms in sacred music, their evaluation

Music in Vedic Period
- Udatha - Anudatha - ...
- Natya Sasthra by Bharathamuni, Bhrahdessi by Mathangamunni
- Sangeetharatnakara - by Sarangadevan
- Swaramelakalanidhi by Ramamathyar
- Curriculum by Purandaradasa in mayamalavagowl.raga

Pre and post period of Trinity
- Ashtapathy of Jayadeva
- Bifurcation of Indian music as Hindustani and Karnatic music.

Seats of music
- Madura, Tanjur, Mysore, Travancore

LIFE SKETCH
Thyagaraja, Deekshithar, Syamasasthri, Purandara dasar, Kshathrajnar, Narayanatheerthar, Jayadevar, Arunagiri nathar, Maharaja Swathithirunal Mahakavi Kuttamath, Kuttikunnjithankachi, Eravivarman thambi, K.C Kesava pilla, Papanasam Sivan, Neelakanda Sivan,

Technical aspects of Music

Musical Terminology
- Naada, Swara, Sruthi, Vadi, Samvadi, Vivadi, Anuvadi, Gruha, Jeeva, Nyasa, Amsa, Raga, Gamaka, Notation, ....

Musical Forms
- Geetha, Jathiswaram, Swarajathi, Thanavarnam, Daruvarnam, Padavarnam, Krithi, Keerthanam, Padam, Ragamalika, Jvalai, Thillana, Thirupukal, ......

Ragalaekshshanam
- Mayamalavagoulia, Kalyani, Hamasadwani, Sankarabharamanam, Hindolam, Mohanam, Saveri, Thodi, Panthuvarali, Keervani, Kharrarapriya, Chakravakam, Bilahari, Aarabhi, Vasantha, Abhogi, Kamboji, Bhairavi, Poorvikalyani, Madhyamavathi
- Sruthibheda, 22 Sruthis, Dasavidagamagas, 72 Melakartha ragam Kadapayadi, Bhoothasankhya

Origin and development of Thala
- Sapthathala
- Scheme of 35 Thala, Jathi, Gathi, Angas, Shadanga, Dasaprana.
- Desadi -Madyadi Thala
- Chapputhala and its varities

Recent Trends and development in music
- Light music, film songs, Patriotic songs, Festival songs, Fusion music, Karokea music, Music theraphy, Influence of Carnatic music on Kathakali music, Influence of Hinduathsni music on Carnatic Music
Musical Instruments
Classification of musical instruments
• String
• Wind
• Percussion
• Origin and development of musical instruments
• Construction of musical instruments
• Playing techniques
Musical Instruments
• Thambura, Veena, violin, flute, mridangam, Chenda, Khanjira, Maddalam, Edakka, Thimila, Kombu, Kuzhal, Gottuvadyam, Ghatam, Thavil, Nadaswram.

Folk Music, its characteristic and classification
• Devotional song
• Festival Song
• Agricultural Song
• Vanchipattu
• Tharattupattu(Cardle Song, Lulleby)
• Nadanpattukal
• Traditional ritual Songs

Pedagogical aspects of Music
• Approach to learning of music
• Process of teaching (Methodology)
• Teaching manual/Plan
• Pedagogic Analysis

Information Technology (IT) And Music
• Outline Knowledge of personal computers, laptops and note book.
• Internet, E-mail, Blog, World wide web Music sits, MP3, DVD's, recording