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Computer Science
Examination Specifications
English Communicative
Code No. 219

Separate question paper and answer sheet format replaces combined booklet format from March, 2012 examination

One Paper

100 Marks

Theory	70
Practical	30

SECTION - A

1. Fundamental Principles of Computer

Introduction to Computer - Its comparison with human beings
Computer is a System
How does a computer work ?

2. Computer System for General Purpose

Hardware and Software : Classification of Software, Input/Output
Memory
Processor, Processor Structure
Software System : Language Interpreter, Linkers, Loaders, Operating System

3. Starting Up Your Computer

Installing of Computer Sub-systems
Starting up the Computer
Shut down the Computer

4. Information and Communication Technology

Allowing the printer to share with a number of computer in network
Internet Explorer
Word Processor : Clip Art Gallery, Hyperlink, Inserting voice comments in word documents, Sign or Symbol Equation, Table, Tallying Mail, To have a glance on the information through word data

5. Playing with Data and Graphics

Data and Graphics
Applications and Uses of Graphics

6. Database Management

Introduction to Database Management System
Data Model

7. Solving a Problem

Algorithms
Flow chat and its symbols
Structures of the flow chat

8. Logo

Introduction
Beginning of the LOGO
LOGO Primitives

SECTION - B

1. Evolution of Computer

Origation of the machines owing to Counting, Calculation and Computing
Generations of Computers
Classification of Computers

2. Hardware and Software

Information flow in a Computer
CPU Cabinet
Computer Languages
Language Translator
Sequence or order in machine
Introduction to the Binary State Logic

3. Operating System (O/S)

Introduction
Role of Operating System
Source Manager
Buffers
Spooling
Operating System for Information Aptitude

4. Information and Communication Technology

- Introduction
- Data Communication
- Communication Channel
- Required Sources for Networking Computers
- Network Topology
- Techniques of Communication and Contact
- Contact
- Communication Devices
- e-mail
- Notiquets
- Newsgroup
- Conferencing
- Internet Chatting
- Downloading of Software

5. Presentation Packages

- Introduction
- Power Point Screen Element
- New Presentation
- Propagation of Other Slides
- Design Templates
- Naming and Power-point File
- Opening of the Current Application
- Saving the Application
- Different Views in Power-point
- Printing the Application
- Animation
- Slid Transitions
- Tables
- Using Charts in Personal Slides
- Entering Documents in Slides
- Readymade Applications
- Multimedia
- Propagation of Music and Sound Effects
- Save the Application as a web-page

6. Database Management

- Database Management System
- Database Maintenance and Management
- Working through Foxpro Database
- Making of Database
- Opening and Closing the database files
- Changing of database table structure

- Collection of records in database table
- Exit from Foxpro
- Looking into the record from database table
- Searching of the record from database table
- Posting of record in the currently opened database file from a different file
- Reshuffling of the record of the database table
- Sorting of database table
- Quitting the record from database table
- Reinstatement of the record quitted

7. Spreadsheet

- Introduction
- Electronic Spreadsheet
- MS-Excel

8. Programming Determination

- Management Determination
- Management Development
- Management Development Lifecycle
- Tool and Planning of Document
- Arrays and Following Arrays

PRACTICAL

30 MARKS

Urdu
Examination Specifications
Urdu Communicative
Code No. 225

Separate question paper and answer sheet format replaces combined booklet format from March, 2012 examination

One Paper

100 Marks

Section	Marks
Writing	30
Grammar	40
Literature	30

Section A : Reading

40 Periods

I. Text Book

(i) Prose-16 Lessons consisting of :-

- (a) Short Stories.
- (b) Lessons of General Interest reflecting social, cultural national and moral values.

(ii) Poetry : Poems of Poets for children literature keeping in view the understanding level of children.

II. Grammar and Composition :

- (i) (a) Knowledge of Nouns, Pronouns, adjectives and verbs.
- (b) Singular and Plural Numbers
- (c) Fill in the Blanks.
- (d) Use of words and phrases in sentences.
- (e) Use opposite words.
- (f) Masculine Feminine genders

(ii) Composition

- (a) Essays (very simple topics)
- (b) Simple letters
- (c) Simple applications

Note :- All the questions in grammar should be set on the basis of vocabulary in the Text book.

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Telugu
Examination Specifications
Language and Literature
Code No. 226

Separate question paper and answer sheet format replaces combined booklet format from March, 2012 examination

One Paper

100 Marks

1. Vocabulary :

(A) Numerals : 51 to 1000 and upto one crore.

(B) Pronouns and their Oblique Forms :

Such as

Neenu	naa	naaku
Miiru	mii	miiku
idi	diini	diiniki

2. Tenses :

(A) Present Tense : Just as :

1. Miiru paalu taagutunnadu.
2. Neenu paalu taagutunnanu.

(B) Past Tense :

Example :

1. Neenu paalu taagaanu.
2. Miiru paalu taagaaru.

(C) Future Tense :

Example :

1. Neenu Paalu taagutaanu.
2. Miiru paalu taagutaaru.

(D) Use of can and cannot :

Use of Galunu and leenu.

(E) Use of should and should not:

Use of Kaawali and Woddu.

(F) Use of Telsu and Teliidu :

(G) Conditional Sentences :

Example : Aame Wastee Neenu-Wastaanu.

1. Grammar

1. **Change of Genders :**
Such as Kodduku, Kutturu, manavadu, Manvarralu etc.
2. **Change the Numbers :**
Such as Balla, Kurchii, Piillii, Semham etc.
3. **Opposite Words :**
Just as Manchi, chinna, L-kkada; lppudu etc.
4. **Post Position :**
I Jaggara, Kinda, Lopala, Bayita, Meedu etc.
5. **Use of Ku/ Ki, Nu/Ni :**

2. Text Book

1. **Telugu Velugu Part-II :**
Lesson No's 1,2,3,4,5,6,7,8,9,12,13,15, are to be taught only. The other lessons are deleted. The above book is written by Venpat Raman Rao and published by C.I.I.L. Mysore.

3. Composition

- (A) **Eassays :**
Maa Badi, Maa Uuru, Himchal Pradesh and Maa Sanchitudu etc.
- (B) **Stories :**
It will be asked from the Text Book only.
- (C) **Letters :**
 1. Letters to father for money.
 2. Letter to bookseller for books.
 3. Application for leave.
6. **One passage for comprehension out of the prescribed Text Book.**

Drama

Examination Specifications

English - Language and Literature

Code No. 227

Separate question paper and answer sheet format replaces combined booklet format from March, 2012 examination

One Paper	100 Marks	68 Periods
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Theory	70
Practical	30

1. Introduction

Drama is a way of learning and a form of self-expression, It is a unique art of involving both individual expression and group endeavour. By participating in it, the child finds new means of expression and communication leading to balanced growth of personality. Drama is oriented towards development of the person. That is why is it included as apart of the curriculum for all children. It is centered on the participants and what happens to them and not on production or performance to audiences. Drama stresses process and not product. No matter how many times a story is done. IT is for the purpose of deepening understanding and strengthening and enriching the child and not for perfecting the performance, Again, scenery, costumers and make up have no real place. Sometimes materials and props are used to stimulate the imagination.

2. Objectives

1. To encourage learning by doing.
2. To sharpen the power of observation.
3. To encourage team work and cooperation.
4. To bring out the inherent talents of students.
5. To develop their artistic and creative ability.

Theory one Paper

70 Marks

1. Literature :

- (i) Study of four plays out of which at least :
 - (a) One play should be based on history, culture, social life, economic life and development of Himachal Pradesh.
 - (b) One play should be based on Ancient Indian drama connected with our cultural heritage.
 - (c) One play should be based on Ancient Indian drama connected with our cultural heritage.
 - (d) One play connected with social problems of Indian life i.e. family welfare, population education, dowry, untouchability, Prohibition and small savings.

- (e) One plays intimately bound up with the formation of character and the inculcation of spiritual and moral values of service, truth, honesty, discipline, consideration for others, social responsibility and respect for all religions etc.
- (ii) (a) One chapter on costume designing (about four pages).
- (b) One chapter on sound lighting equipment and lighting designing (about six pages).
- (c) stage construction (about four pages)
- (d) Different types of theatres as arena, proscenium theatre, open air theatre, Indian classical theatre.
- (iii) Life history of atleast four eminent persons of theatre.

2. Methodology of Teaching

The emphasis in teaching will be on practical work demonstration by the teacher, discussion of principles by the students actual performance. The students should be given opportunities to witness dramatic performance and to discuss their good and bad points, Experts in the art should be invited to the school for practical demonstration. The students will also be acquainted with the available literature on the history and art of theatre, alongwith learning of the skills, the development of an aesthetic taste should receive attention. Instructions should be based on the principle of learning by doing, self discovery through self-expression. The individual style of the child should be respected and encouraged the method of exploration and self discovery rather than direct introduction should be the rule. The teachers in the subject be given adequate orientation in the content and methodology of the art of the drama.

Practical Work

Time 3hrs One Paper

30 Marks

1. Stage Craft. Stage setting and lighting; stage design and shape; basis of stage movement and stage management working with props and costumes; acting in different spaces like open air proscenium, arena etc.
2. Improvisations : Further exercise in mime movement, speech making, characterisation etc.
3. Costume designing and make-up.
4. Acting and Stage performance.
 - (a) Suitable children's plays.
 - (b) Short Scenes from classic drama.
 - (c) Adaptations, Unscripted plays and scripted plays.
 - (d) Acting of two Folk dramas - Formal performance before an audience.

Music

Examination Specifications

Code No. 228

Separate question paper and answer sheet format replaces combined booklet format from March, 2012 examination

One Paper	100 Marks	68 Periods
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Theory	70
Practical	30

1. Introduction :

Music is a Performing art. The objective of this paper is to acquaint the student to know the background of our tradition and history. Our cultural background which reminds us of Gandharva Ved Music is a highly precious discipline of Vedic Science. A syllabus is meaningless unless it is taken in the right spirit. Today there is a tendency to have a short cut of everything and as a result music has suffered the most, Most of the students take up music as a hobby and do not want to go deep into the subject. Our country is a vast country and we have many spoken languages but it is only the music which unites us. Music cannot be learn only at schools and one must have further knowledge from various sources.

THEORY

70 Marks

1. Basic knowledge of the structure and tuning of Taanpura.
2. Knowledge of the notation systems laid down by Pt. Vishnu Digamber and Pt. V.N. Bhatkhande.
3. Definition of Vadi, Samvadi, Anuvadi, Vivadi, Alap
4. Brief description of Natya shastra, Sangeet Ratnakar.

PRACTICAL

30 Marks

1. Community singing :

- (a) Two songs in different regional languages.
- (b) One Tagore song

2. **Aaroha Avaroha, Pakad and Drut Khyal in the following Ragas** : Kafi, Khamaj, Sarang and Desh with simple elaborations and few tanas.]

Prescribed Books : Sangeet Prakash : HP Bd. of School Edu.

Suggested Reference Books :

1. Kramik Pustak Malika by Pandit V.n. Bhatkhande
2. Rag Vigyan by Pandit V.N. Patwardhan.

HINDUSTANI MUSIC (MELODIC INSTRUMENTS)**Theory**

1. Basic Knowledge of the structure and tuning of any one of the following instruments.
(i) Sitar, (ii) Sarod, (iii) Violin, (iv) Dilruba or Esraj, (v) Flute, (vi) mandolin, (vii) Guitar.
2. Knowledge of the notation systems laid down by Pt. Vishnu Digamber Paluskar and Pt. V.N. Bhatkhande.
3. Vadi, Samvadi, Anuvadi, Vivdi, Alap
4. Brief description of Natya Shastra, Sangeet Ratnakar.

PRACTICAL

1. Eight Tala-babbha Alankaras set to different Talas.
2. A aroha, Avaroha, Pakad and Drut gat in the following Raas : Kafi, Khamaj, Sarang and Desh with simple elaboration and few Toras.

Prescribed Books : Sangeet Prakash : HP Bd. of School Edu.

Suggested Reference Books :

1. Sitar Marg (1 Part) by Shri S. Bandyopadhyaya, Vani Mandir, Subzi Mandi, Belhi-7
2. Vitat Vadya Shiksha', by Shri S. Bandyopadhyaya, Vani Mandir, Subzi Mandi, Delhi-7
3. Sitar and its Technique by Prof. Debu Chaudhuri, Avon Publishers, Shahdara, Delhi.

Introductory Information Technology

Examination Specifications

Code No. 229

Separate question paper and answer sheet format replaces combined booklet format from March, 2012 examination

One Paper	100 Marks	68 Periods
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Theory	70
Practical	30

Computer has permeated in every walk of life. The Himachal Board has taken a step towards information Technology sensitivity. It has included Introductory Technology as an Elective Subject at the secondary level. This subject offers scope for computer-added learning. It also facilitates developing a generation of knowledge workers.

Learning Objectives

General :

1. To familiarize with basics of information technology.
2. To develop basic skills of using tools for word processing, presentation and database management.
3. To appreciate use of IT in various domains.

Specific :

1. Cognitive domain : Knowledge and understanding.
To develop basic understanding of IT system operations and information accessing tools.
2. Psychomotor domain : Skills.
To develop skills in using tools of word processor, to manage database. To make/graphs, to analyse reports using spreadsheets and to develop web pages.
3. Affective domain : Personality traits.
To develop habit of teamwork and structured presentation.

One Paper**3 hrs.****70 Marks**

Theory:

Unit 1 : IT Basics

Internet : World Wide Web, Web Servers, Web sites, Web Pages, Web Browsers, HTML, Web Address, Email address. URL. HTTP.

Services available on Internet : Information retrieval, Electronic Mails, Locating sites using search engines and finding people on the net, Chat, Video Conferencing, FTP, Downloading and Uploading files from or to remote site, Newsgroup.

Unit 2 : IT Tools**17 Periods**

MS-Office

MS Access :

Basic Concepts and need for a database, Creating a database, setting the Primary Key, Entering data into a database, Inserting and deleting fields, Inserting and deleting records, Data Validation: Field Size, default Value Validation Rule, Validation Text, Required, Allow Zero Length.

Hyper Text Markup Language

Basic Concept of Web Browsers with emphasis on popular browsers Internet Explorer and Netscape Navigator.

HTML Fundamentals :**12 Periods**

Introduction to Web Page Designing using HTML, Creating saving an. HTML document, Elements in HTML Container and Empty elements, Designing web pages using the following elements : HTML, HEAD, TITLE, BODY (Attributes : BACK GROUND, BG COLOUR, TEXT, LINK, ALINK VLINK, LEFT MARGIN, TOP MARGIN), FONT (Attributes : COLOUR, SIZE, FACE),

BASEFONT (ATTRIBUTES : COLOUR, SIZE, FACE), CENTER, BR (Break, HR (Horizontal Rule Attributes. SIZE, WIDTH, ALIGN, NO SHADE, COLOUR), COMMENTS,! For comments H1. H6 (Heading), P (Paragraph) B (Bold), I (Italics), U (Underline), UL & OL (Unorder List & Ordered List) Attributes :Type, Start, LI (List Item), Insertion of images using the element IMG Attributes : SRC, WIDTH, HEIGHT,ALT,ALIGN).

Internal and External Linking between Web Pages : Significance of linking, A - Anchor element (Attributes : NAME HREF, TITLE, ALT)

UNIT 3 : IT APPLICATIONS

Students are suggested to work on the following areas using Access and HTML on topics implementing the tools covered in the course.

Domains :

Database

* Personal Data Management System

* Employee Payroll

* Stock Inventory

Website Designing

* Travel and Tourism

* Rural India

* Environment and Pollution

Note : 1. Teachers are requested to demonstrate some popular software for word processing. Presentation, Spread sheet, Database Management, system which support Hindi and/or some other Indian language (s)

(Leap office is an example of office suite with Indian Language Support)

2. Students are suggested to prepare some document/presentations of their IT Application report file in Indian Language (s).

Practical

Marks 30

**Practical Paper
Period in Year**

Examination Duration

(A) Hands on Experience (2 Exercises)

I. MS Access

II. HTML

1. MS Access : *

A problem in MS Access related to some of the tools given below to be tested during the examination

- * Creating and entering data into a database.
- * Setting the primary key.
- * Data Validation.

II. HTML.

A Problem on web page designing (Minimum 2 pages) to be given which will cover some of the following HTML elements:

- * <HTML> <HEAD>, <TITLE>, <BODY>
- * Font Styles : , <i>, <u>
- * - Face, Size
- * <CENTER>
- * <P>-ALIGN
- * <A>
- *
- * Comments : <!-->

The students are supposed to know to know the tools and style for designing domain specific webpages from real life application and the topic mentioned in the syllabus.

Breakup of marks (HTML)

- * Visual Effect : 6
- * Linking : 4
- * Coding : 8

* Printouts of teh documents (s) should be attached with the answer sheet

(B) IT Application Report File

Students are supposed to make a It Applications Report File Containing Real life assignment / presentation using MS Access and HTML on topic from the domain :

Must have print outs of the following :

- * Documents of MS access (At least 5)
- * HTML Source code along with browser view (at least 10)

(C) Viva Voce

The questions can be asked from any portion of the syllabus covered during Class X.

Note : Teachers are suggested to give first-hand demonstration covering the aspects such as :
Connecting to internet, Using popular search Engines, Web Browsing, opening E-mail accounts, sending and Receiving E-mails, Downloading files and pictures.

Infrastructure

Following minimum infrastructure requirement is suggested keeping in view of the existing infrastructure.

Software :

- * Win 96+
- * MS-Office 2000
- * Leap Office 2000
- * Netscape Navigator
- * Internet Explorer

Minimum Hardware Requirement :

- * 486 Multimedia Machine
- * 16 MB RAM
- * 4.4 GB HDD

Internet Connection :

- * TCP/IP

Student Machine ratio : 2 : 1

Magazine /Journal /Video Film

- * PC quest
- * Chip
- * PC World
- * Computer @ home.
- * Computer Today.
- * Microsoft training Software
- * C-DAC's ADIT Course Material.

Dance
Examination Specifications
Code No. 230

एक प्रश्नपत्र

पूर्णांक 100

(क) अपठित गद्यांश	20
(ख) रचना	15
(ग) व्यावहारिक—व्याकरण	15
(घ) पाठ्य—पुस्तकें : क्षितिज—भाग 2	40
पूरक—पुस्तक : क्षितिज—भाग 2	10

1. प्रस्तावना

नृत्य का हमारे इतिहास में विशेष महत्त्व है। यह हमारे प्राचीन संस्कृति व स्थ्यता का प्रतीक है। यह हमारे प्रसन्नता के भावों को व्यक्त करता है। इसलिए नये पाठ्यक्रम में नृत्य को एक विशिष्ट स्थान दिया गया है।

2. उद्देश्य

पाठ्यक्रम निर्माण में निम्न उद्देश्यों को ध्यान में रखा गया है :

विद्यार्थियों में ललित कलाओं के प्रति सहज रुचि जागृत करना।

शास्त्रीय तथा लोकनृत्य कला का क्रमबद्ध शिक्षण। अंग सौष्ठव के साथ—साथ हृदय सौष्ठव प्रदान करते हुए कला की गरिमा की पहचान व उनके प्रति वैज्ञानिक दृष्टिकोण का विकास। भारतीय एवं हिमाचलय सांस्कृतिक विविध सौन्दर्य का प्रतिनिधित्व करने वाले लोक नृत्यों का परिचय देना।

लिखिनात्मक

समय : 3 घण्टे

अंक : 70

1. नृत्य कला का अन्य ललित कलाओं से सम्बन्ध : जैसे : काव्य कला, संगीत कला मूर्तिकला चित्र कला, वास्तु कला।

2. **कथक नृत्य की विशेषतायें** : थाठ या लक्षण, जाति शून्य, नृत्यांग, भाव रंग, ईष्टपद, गति भाव, तराना ।
3. नृत्य के प्राचीन अंग कौन-कौन हैं । आधुनिक नृत्य शैलियों में इन में से किन अंगों का प्रयोग होता है ।
4. 'रस' शब्द से आप क्या समझते हैं इसके कितने भेद हैं । तथा एक सफल नर्तक को रस का ज्ञान लेना अनिवार्य है ।
5. ताण्डव तथा लास्य की उत्पत्ति बतला कर इन के सभी भेदों का पूर्ण रूप से वर्णन ।
6. निबन्ध : नृत्य काल के लाभ : शारीरिक लाभ, समाजिक लाभ, मानसिक लाभ और आध्यात्मिक लाभ । नृत्य प्रदर्शन की सफलता ।
7. भारत के लोक नृत्य : गरबा, पूर्वी अट्टम, लाईहारोबा ।
8. लच्छू महाराज, श्रीमती रुकगणी अरुण्डेल, मिनाक्षी सुन्दरतम् पिललई । जीवनियाँ ।

तालाध्याय

तीन ताल : ठेके के बोल दुगुन, तिगुन, चौगुन लय ।

एक ताल : ठेके के बोल, दुगुन चौगुन लय ।

झपताल : ठेके बोल, दुगुन, तिगुन चौगुन लय ।

क्रियात्मक

समय : 3 घण्टे

अंक : 30

झपताल : तन्तकार, तन्तकार के प्रकार आमद, सलामी, तोड़े, परण चक्करदार परण, कवित ।

एक ताल : तन्तकार, तन्तकार के प्रकार, आमद, सलामी, तोड़े परण कब्रिन्त ।

कहरवा ताल : तन्तकार, तन्तकार के प्रकार, बोल, कवित ।

Prescribed Book

नृत्य कौमुदी

हि.प्र. स्कूल शिक्षा बोर्ड द्वारा प्रकाशित

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Tamil
Examination Specifications
Language and Literature
Code No. 231

Separate question paper and answer sheet format replaces combined booklet format from March, 2012 examination

One Paper

100 Marks

Introduction

Tamil classed as one of the Modern Indian language is one of the earliest languages of India. Tamil belongs to the Dravidian family of languages spoken in the Southern part of India. It has a continuous history of written literature for more than two thousand years. Apart from being the official language of Tamilnadu State Tamil is one of the national languages in Sri Lanka, Singapore and Malaysia. Tamil people living all over the country have a distinct culture of their own which enriches the tradition and heritage of India. And therefore, it is very necessary that the people of the North Indian States should have and acquaintance with this language. It is with this purpose, and on the basis of the three language system (formula) of the Government of India, that Tamil is introduced as a subject of study in the schools in the State of Himachal Pradesh.

Specific Object of This course

The main objective of this Course is to develop in the students:

- (i) An ability to Understand Tamil when it is spoken.
- (ii) An ability to read and understand simple Tamil.
- (iii) An ability to write simple Tamil on common topics and
- (iv) An ability to understand and appreciate the way of life and the cultural heritage of the Tamil people.

Text Book - Tamil - II

Lesson - 3, 5, 7, 9, 11, 17 and 21.

Course Content

- A. Nouns and Pronouns
- B. Number, Gender and Casemarkers.
- C. Entonyms
- D. Verb and Tenses.

Such as : Read, Come, Go, Write, Teach, to give, to be.

Translation

- A. Translation from Tamil to Hindi.
- B. Translation from Hindi to Tamil.

Note :- *Either 10 simple sentences or a passage of about five lines from the Text-Book will be given for translation.*

Comprehension :

A passage of about five lines from the prescribe Text-Book Tamil-II will be given out of the lessons mentioned above and the student will be asked to answer the questions and giving meanings of four difficult words asked for.

Text :

The text book will be a collection of small lessons both prose and poetry on various topics in simple style. The students may be asked to fill in the blanks, to write four lines of any poem from the text-book to write in good hand writing a passage given from the text book.

Essay writing :

The students will be asked to write an essay on certain common topics such as My School- My village, Himachal Pradesh, My Best Friend.

Letters and Applications:

Letter to father for money.

Application to the Headmaster / Principal for sick leave for an urgent work.

