2024-2025

HINDUSTANI MUSIC (VOCAL) (Code- 035)

Class– X
TOTAL MARKS- 100 {30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

THEORY: Max. Marks: 30 Marks   Time: 2.00 Hrs.

1- Basic knowledge of the structure and tuning of Taanpura.

2- Knowledge of the notation systems laid down by Pt. Vishnu Digamber Paluskar and Pt. V.N. Bhatkhande.

3- Definition of Vadi, Samvadi, Anuvadi, Vivadi, Alap

4- Brief description of Natya shastra, Sangeet Ratnakar.

PRACTICAL :   50 Marks

S.No.	Assessment Points	Marks Allotted
1	Two Experiments, 20 Marks each (The internal marks distribution will be decided by the examiner.)	40
2	Viva voce	10
	Total	**50**

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.

INTERNAL ASSESSMENT :   20 Marks

S.No.	Assessment Points	Marks Allotted
1	Project Work & File	10
2	Sessional Work	05
3	Continuous Assessment (Unit Tests)*	05
	Total	**20**

*There will be total 3 Unit Tests (two Unit Tests before half yearly examination and one after half yearly examination) and a pre-board examination to be conducted throughout the year. At the time of half yearly result preparation best of two Unit Tests (I & II) marks will be taken and converted to the weightage of 05 marks. In annual board examination, marks of the best out of 3 Unit Tests will be taken and converted to the weightage of 05 marks for the result preparation.

2024-2025

HINDUSTANI MUSIC (MELODIC INSTRUMENTS) **(036)**

Class– X

TOTAL MARKS- 100 {30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

THEORY: Max. Marks: 30 Marks   Time: 2.00 Hrs.

1- Basic knowledge of the structure and tuning of any one of the following insruments:
   (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 Digambar Palukar and Pt. V.N Bhatkhande.
3- Vadi, Samvadi, Anuvadi, Vivdi, Alap
4- Brief description of Natya Shastra, Sangeet Ratnakar.

PRACTICAL :   **50 Marks**

S.No.	Assessment Points	Marks Allotted
1	Two Experiments, 20 Marks each (The internal marks distribution will be decided by the examiner.)	40
2	Viva voce	10
	Total	**50**

1- Eight Tala-babbha Alankaras set to different Talas.
2- Aaroha, Avaroha, Pakad and Drut Gat in the following Ragas: Kafi, Khamaj, Sarang and Desh with simple elaborations and few Todas

INTERNAL ASSESSMENT :   **20 Marks**

S.No.	Assessment Points	Marks Allotted
1	Project Work & File	10
2	Sessional Work	05
3	Continuous Assessment (Unit Tests)*	05
	Total	**20**

*There will be total 3 Unit Tests (two Unit Tests before half yearly examination and one after half yearly examination) and a pre-board examination to be conducted throughout the year. At the time of half yearly result preparation best of two Unit Tests (I & II) marks will be taken and converted to the weightage of 05 marks. In annual board examination, marks of the best out of 3 Unit Tests will be taken and converted to the weightage of 05 marks for the result preparation.

2024-2025

HINDUSTANI MUSIC (PERCUSSION-INSTRUMENTS) (037)

Class– X

TOTAL MARKS- 100 {30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

THEORY: **Max. Marks: 30 Marks**   **Time: 2.00 Hrs.**

1- Basic knowledge of the structure and tuning of the instruments (Tabla or Pakhawaj).
2- Knowledge of the notation systems laid down by Pt. Vishnu Digamber Paluskar and Pt. V.N. Bhatkhande.
3- Definition of Avartan, Theka, Lahera, Amad, Mohra, Tihai.
4- Brief description of Natya Shastra, Sangeet Ratnakar.

PRACTICAL :   **50 Marks**

S.No.	Assessment Points	Marks Allotted
1	Three Experiments, 15 Marks each (The internal marks distribution will be decided by the examiner.)	45
2	Viva voce	05
	Total	**50**

1- To produce correctly the basic Bolas-Ta, Dha, Tin and Dhin, Dha, Ki, Na, Ti, Dhi, Na and Ti; Ti, Na, Dhi, Dhi, Ga, Tir, Kit, Tu, Na, Katta, etc.
2- Ability to recongise the tala of the composition being sung or played on a melodic instrument.
3- To recite the tala with hand beats and to play on the instrument the Theka of Jhaptala, Rupak and Ektala with elaborations.

INTERNAL ASSESSMENT :   **20 Marks**

S.No.	Assessment Points	Marks Allotted
1	Project Work & File	10
2	Sessional Work	05
3	Continuous Assessment (Unit Tests)*	05
	Total	**20**

*There will be total 3 Unit Tests (two Unit Tests before half yearly examination and one after half yearly examination) and a pre-board examination to be conducted throughout the year. At the time of half yearly result preparation best of two Unit Tests (I & II) marks will be taken and converted to the weightage of 05 marks. In annual board examination, marks of the best out of 3 Unit Tests will be taken and converted to the weightage of 05 marks for the result preparation.

PAINTING (041)
Class – X
TOTAL MARKS- 100 {30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

THEORY **Max. Marks: 30** **Time: 3:00 Hrs.**

UNIT- I : Fundamentals of Visual Arts (The Elements and Principles) **10 Marks**

UNIT-II : Methods and Materials of Painting **10 Marks**
　　　　Understanding and appropriate use of:
　　　　(i) Tools,
　　　　(ii) Painting Materials - Poster Colours, Water Colours, Oil Pastels and Pencils.

UNIT-III: Story of Indian Art **10 Marks**
　　　　A. Appreciation of Indian Art covering selected paintings, sculptures and architectural glimpses-
　　　　　　a) Paintings:
　　　　　　　　(i) Bodhisattava Padmapani (Ajanta)
　　　　　　b) Sculpture:
　　　　　　　　(i) Ashokan Lion capital (Mauryan Period)
　　　　　　c) Architecture:
　　　　　　　　(i) Kailashnatha Temple, (Ellora, Maharashtra)
　　　　B. Indian Folk Art- Paintings: Madhubani and Warli

PRACTICAL: **Max. Marks: 50** **Time: 3:00 Hrs.**
Painting-Composition
Painting from Memory– Simple composition in water/poster/pastel colours on given subjects based on sketching from life and nature. It may also be in abstract/semi-abstract/folk art forms.

a) Compositional-arrangement including emphasis on the subject. **15 Marks**
b) Treatment of media with an appropriate colour scheme. **15 Marks**
c) Originality and creativity **10 Marks**
d) Overall impression **10 Marks**

INTERNAL ASSESSMENT: **Max. Marks: 20**

(i) Project work/Portfolio- Portfolio will consist of 10 best work of colour sketches, Painting compositions in water colors, poster colors, oil pastels and in pencil colors done during the year. **15 Marks**
(ii) Continuous Assessment (Unit Test) **05 Marks**
　　(There will be total 3 Unit Tests (two Unit Tests before half yearly examination and one after half yearly examination) and a pre-board examination to be conducted throughout the year. At the time of half yearly result preparation best of two Unit Tests (I & II) marks will be taken and converted to the weightage of 05 marks. In annual board examination, marks of the best out of 3 Unit Tests will be taken and converted to the weightage of 05 marks for the result preparation.)

2024-2025

ELEMENTS OF BOOK–KEEPING AND ACCOUNTANCY (043)

TOTAL MARKS- 100 {70 (Theory) + 30 (Project)}

Class – X

THEORY: 70 Marks   **Time: 3:00 Hrs.**

I.   Final Accounts: Preparation of Trading and Profit and Loss Account and Balance sheet of sole trader with simple adjustments.   **14 Marks**

II. Bank Reconciliation Statement: Utility and preparation; preparation of Cash Book with discount and Bank columns.   **14 Marks**

III. Bills of Exchange: Nature and use of bills of exchange and promissory notes; Recording transactions pertaining to drawing, discounting, retiring, dishonoring and renewing of bills of exchange.   **14 Marks**

IV. Errors and their Rectification: Types of errors and entries for their rectification.   **14 Marks**

V.   Depreciation: Objects and methods- Straight line and Diminishing balance methods. **14Marks**

PROJECT: 30 Marks

S.No.	PROJECT WORK	MARKS
1	**Project – I** Identify 20 items and classify them as capital and revenue receipts, capital and revenue expenditure and deferred revenue expenditure **OR** any other topic related to the course content.	15
2	**Project –II** Make a statement of affairs for incomplete records of a small shop. **OR** any other topic related to the course content.	10
3	**Continuous Assessment (Unit Test)** There will be total 3 Unit Tests (two Unit Tests before half yearly examination and one after half yearly examination) and a pre-board examination to be conducted throughout the year. At the time of half yearly result preparation best of two Unit Tests (I & II) marks will be taken and converted to the weightage of 05 marks. In annual board examination, marks of the best out of 3 Unit Tests will be taken and converted to the weightage of 05 marks for the result preparation.	05
	Total	**30**

2024-2025
INFORMATION TECHNOLOGY (046)
TOTAL MARKS- 100 {50 (Theory) + 50 (Practical)}
Class – X

THEORY: **50 Marks**   **Time: 2:30 Hrs.**

1- IT Basics   15 Marks

2- IT Tools   35 Marks

       MS-Office

         MS-Access

       HTML

UNIT 1: IT BASICS

Internet : World Wide Web, Web Servers, Web sites, Web Pages, Web Browsers, HTML, Web address, Emailaddress, 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
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 (HTML)

Basic concept of web browsers with emphasis on popular browsers Internet Explorer and Netscape Navigator.

HTML Fundamentals:

Introduction to Web Page Designing using HTML, Creating and saving an HTML document, Elements in HTML Container and Empty elements, Designing web pages using the following elements:

HTML, HEAD, TITLE, BODY (Attributes: BACKGROUND, BGCOLOUR, TEXT, LINK, ALINK, VLINK, LEFTMARGIN, TOPMARGIN), FONT (Attributes: COLOUR, SIZE, FACE),

BASEFONT (Attributes: COLOUR, SIZE, FACE), CENTER, BR (Break), HR (Horizontal Rule, Attributes: SIZE, WIDTH, ALIGH, NOSHADE, COLOUR), COMMENTS, ! for comments, H1..H6 (Heading), P(Paragraph), B(Bold), I (Italics), U (Underline), UL & OL (Unordered 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)

PRACTICAL: **50 Marks**

PRACTICAL: 50 Marks   **Time: 4:00 Hrs.**

S. No.	PRACTICAL WORK	MARKS	Examination Duration
1	Hands on Experience (2 Exercises) 1- MS Access 07 Marks 2- HTML 18 Marks	25	4 Hours
2	IT Application Report File	15	
3	Viva Voce	05	
4	Continuous Assessment (Unit Test)	05	
	TOTAL	**50**	

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

Domains :

Database	Website Designing
• Personal Data Management System • Employee Payroll • Stock Inventory	• Travel and Tourism • Rural India • Environment and Pollution

NOTE

I. Teachers are requested to demonstrate some popular software for word processing. Presentation, Spreadsheet, 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).

II. Student are suggested to prepare some document/presentations of their It Application report file in Indian Language(s).

1. HANDS ON EXPERIENCE (2 Exercises)   **25 Marks**
Design of a Practical Question Paper

There is no pre-set question paper conducting practical examination. This flexibility has been provided to give more freedom to the examiners for the improvement of practical examination, keeping in view the resources and other facilities available in the laboratory of the School. However, detailed instructions on the basis of syllabus, distribution of marks and conduction of practical examination have been provided.

    I. MS ACCESS   07 MARKS
    II. HTML   18 MARKS

I. 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: <B>, <i>, <U>

- <FONT>-FACE, SIZE
- <CENTER>
- <P>-ALIGN
- <A>
- <IMG SRC>
- Comments: <!>

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

Breakup of marks (HTML)
- Visual Effect : 06
- Linking : 04
- Coding: 08
    * Printouts of the documents (s) should be attached with the answer sheet

2. IT APPLICATION REPORT FILE   15 Marks

Students are supposed to make a IT Applications Report File Containing Real life assignment/presentations 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)

3. VIVA VOCE   05 Marks

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

4. Continuous Assessment (Unit Test)*   05 Marks

(There will be total 3 Unit Tests (two Unit Tests before half yearly examination and one after half yearly examination) and a pre-board examination to be conducted throughout the year. At the time of half yearly result preparation best of two Unit Tests (I & II) marks will be taken and converted to the weightage of 05 marks. In annual board examination, marks of the best out of 3 Unit Tests will be taken and converted to the weightage of 05 marks for the result preparation.)

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:	Minimum hardware requirement:	Internet connection:
- WIN 96+ - MS-Office 95+ - Leap Office 2000 - Netscape Navigator - Internet Explorer	486 Multimedia Machine 16 MB RAM 4.3 GB HDD	TCP/IP

2024-2025
कृषि विज्ञान (050)
TOTAL MARKS- 100 {50 (Theory) + 50 (Practical)}
Class – X

THEORY: **50 Marks**   **Time: 3:00 Hrs.**

इकाई 1– फसल चक्र एवं खेती के प्रकार   05 अंक

इकाई 2– फसलोत्पादन   12 अंक

इकाई 3– बागवानी   05 अंक

इकाई 4– फलोत्पादन   08 अंक

इकाई 5– पुष्पोत्पादन   08 अंक

इकाई 6– पशुपालन एवं दुग्धोत्पादन   12 अंक

इकाई 1– फसल चक्र एवं खेती के प्रकार

क– फसलों का वर्गीकरण।

ख– फसल चक्र।

ग– शुष्क खेती।

घ– दियारा खेती।

ड.– मिश्रित खेती एवं बहुफसली खेती।

इकाई 2– फसलोत्पादन

क– अनाज की फसलें– धान मक्का, मंडुआ, गेहूँ एवं जौ की खेती।

ख– दलहनी फसलें– अरहर, उड़द गहत, सोयाबीन एवं मटर की खेती।

ग– तिलहनी फसलें– तिल, सूरजमुखी, सरसों एवं लाही की खेती।

घ– सब्जी की फसलें,– आलू, फूलगोभी, टमाटर, बैगन, शिमला मिर्च एवं फरासबीन की खेती।

ङ– नकदी फसल– गन्ना की खेती।

च– चारे की फसलें– बरसीम एवं ज्वार की खेती।

इकाई 3– बागवानी

क– बागवानी का महत्व।

ख– बाग लगाने के लिए भूमि का चुनाव करते समय ध्यान देने योग्य बातें।

ग– भूमि की तैयारी।

घ– बाग लगाने की विधियाँ।

ड.– गृहवाटिका एवं पौधों का प्रवर्धन।

इकाई 4– फलोत्पादन

क– आम, अमरूद, लीची, सन्तरा एवं सेब की खेती।

ख– फल परिरक्षण अर्थ आवश्यकता एवं महत्व फल परिरक्षण की विधियाँ।

इकाई 5– पुष्पोत्पादन

क– उत्तराखण्ड में पुष्पोत्पादन की आवश्यकता एवं महत्व।

ख– उत्तराखण्ड में पुष्पोत्पादन– गेंदा, गुलाब, डहेलिया एवं ग्लैडुलस की वैज्ञानिक खेती।

इकाई 6– पशुपालन एवं दुग्धोत्पादन

क– पशुधन विकास की आवश्यकता एवं महत्व।

ख– पशुओं की सामान्य देखरेख एवं प्रबन्ध, पशुओं की सामान्य बीमारियाँ एवं उपचार, गाय, भैंस, बकरी एवं भेड़ पालन व उनकी उन्नत नस्लें।

ग– दुग्धोत्पादन सम्बन्धी सामान्य जानकारी, स्वच्छ एवं सुरक्षित दुग्ध उत्पादन, दुग्ध दोहन की विभिन्न विधियाँ।

PRACTICAL: **50 Marks**   **Time: 3:00 Hrs.**

क्र0सं0	प्रयोगात्मक कार्य/मूल्यांकन बिन्दु	अंक
1	पहचान (बीजों, खरपतवारों व विभिन्न पशुओं के रोगोपचार में प्रयुक्त औषधियों की पहचान)	06
2	बीज शैय्या का निर्माण (पाठ्यक्रम की विभिन्न फसलों की बीजशैय्या तैयार करना)	12
3	फल परिरक्षण (जैम, जैली, स्कवैश, अचार व मुरब्बा बनाना)	05
4	पशु आहार की गणना करना	12
5	सत्रीय कार्य	05
6	मौखिक परीक्षा	05
7	सतत मूल्यांकन (इकाई परीक्षा)*	05
	कुल योग	50

*सत्र में कुल 03 इकाई परीक्षायें (02 इकाई परीक्षायें अर्द्धवार्षिक परीक्षा से पूर्व तथा 01 अर्द्धवार्षिक परीक्षा के उपरान्त) तथा 01 प्री–बोर्ड परीक्षा होगी। अर्द्धवार्षिक परीक्षा के परीक्षाफल निर्माण हेतु प्रथम दो इकाई परीक्षाओं (प्रथम व द्वितीय) में से अधिक प्राप्तांक वाली इकाई परीक्षा के अंक लिये जायेंगे तथा इन अंकों को 05 के भारांक में परिवर्तित किया जायेगा। परिषदीय् परीक्षा के आन्तरिक मूल्यांकन हेतु तीन इकाई परीक्षाओं में से सर्वाधिक प्राप्तांक वाली इकाई परीक्षा के अंक लेकर इन अंकों को 05 के भारांक में परिवर्तित किया जायेगा।

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