

Maintenance and Repairing of Musical Instruments in Hindustani Music

Semester III (SEC - I)

Practical: 38
Internal Assessment: 12

Practical

1. Elementary knowledge of tuning of string/ percussion instruments viz.- sitar, Tanpura, Sarangi, Sarod, guitar, Violin, Tabla, Pakhawaj, Dholak & Naal etc.
2. General discussion of instruments making in India (String & Percussion).
3. Knowledge of basic tools, required for making and repairing various instruments.
4. Fixing strings in various string instruments viz.- Sitar, Tanpura, Sarangi, Sarod, Guitar, Violin, etc. (both main and sympathetic)
5. Fixing of frets in sitar/ Fixing and stretching Baddhi in Percussion instruments.
6. Practical Examination with Viva-voce not less than 20 minutes duration.

2 lectures per week

Theory

Theory: 38
Internal Assessment: 12

1. Elementary knowledge of tuning of string/ percussion instruments viz.- sitar, Tanpura, Sarangi, Sarod, guitar, Violin, Tabla, Pakhawaj, Dholak & Naal etc.
2. Brief history of instruments making in India from Ancient to Modern times.
3. Elementary know how of basic tools, required for making and repairing various instruments.
4. How to fix strings in various string instruments viz.- Sitar, Tanpura, Sarangi, Sarod, Guitar, Violin etc. (both main and sympathetic).
5. How to tie frets in Sitar/Fixing and stretching of Baddhi in Percussion instruments.

2 lectures per week

Maintenance and Repairing of Musical Instruments in Hindustani Music

Semester IV (SEC - II)

Practical: 38

Internal Assessment: 12

Practical

1. Elementary knowledge of wood, string and other material viz. bone, stag horn and skin etc., used in making various parts of Indian instruments.
2. Elementary Knowledge of Seasoning of wood and other material.
3. Brief introduction of usages of innovative material in musical instruments in place of traditional material in India.
4. Temporary repairing of Tumba, replacing tuning pegs, Tarab buttons, chikari posts and other minor defects of string instruments.

or

Putting and fixing the pudi on percussion instruments.

5. Elementary knowledge of Jawari work of sitar and Tanpura/Putting syahi (black paste) on percussion instruments.
6. Compulsory visit to a workshop of manufacturing of musical instruments.

2 lectures per week

Theory

Theory: 38

Internal Assessment: 12

1. Elementary knowledge of wood, string and other material viz. bone, stag horn and skin etc., used in making various parts of Indian instruments.
2. How the seasoning of wood & other material done in India.
3. Brief introduction of usages of innovative material in musical instruments in place of traditional material in India.
4. Brief knowledge of Acoustical properties of Musical Instruments in India.
5. Brief knowledge of temporary repairing of the following - Tumba, Tuning pegs, Tarab buttons, Chikari posts and other minor defects of string instruments.

or

Putting and fixing the pudi on percussion instruments.

6. Elementary knowledge of Jawari work in Sitar.

2 lectures per week

Examination pattern in practical:

A practical examination of the demonstration and performance of the skills learnt, which should be follows:-

- a) Viva-voce of maintenance of musical instruments in general.
- b) Tuning of any two of the instruments prescribed in the course.
- c) Knowledge of various gadgets used for tuning.
- d) Knowledge of basic tools required for making and repairing various instruments.
- e) Demonstration of at least three repairing skills learnt so far in one's own instrument.

Note: Viva-Voce of all the above information, in not less than 20 minutes.