## Scheme of Study B.A. (Hons) School in Dance Part-II (Semester - Third & Fourth) (Session 2015-16, 2016-17, 2017-18)

- 1. ਪਰਚਾ ਪਹਿਲਾ : ਕੱਥਕ (ਲਿਖਤੀ)
- 2. ਪਰਚਾ ਦੂਜਾ : ਕੱਥਕ (ਪ੍ਰੈਕਟੀਕਲ)
- 3. ਪਰਚਾ ਤੀਜਾ : ਮਿਊਜ਼ਿਕ ਵੋਕਲ
- 4. ਪਰਚਾ ਚੌਥਾ : ਤਬਲਾ
   (ਨੋਟ : ਇਹ ਸਿਲੇਬਸ ਬੀ.ਏ. ਆਨਰਜ਼ ਸਕੂਲ ਇਨ ਗੁਰਮਤਿ ਸੰਗੀਤ ਨਾਲ ਸਾਂਝਾ ਹੈ।)
- ਪਰਚਾ ਪੰਜਵਾਂ : ਪੰਜਾਬੀ ਲਾਜ਼ਮੀ/ਪੰਜਾਬੀ ਲਾਜ਼ਮੀ (ਮੁਢਲਾ ਗਿਆਨ)
   (ਨੋਟ : ਇਹ ਸਿਲੇਬਸ ਬੀ.ਏ. ਆਨਰਜ਼ ਸਕੂਲ ਇਨ ਗੁਰਮਤਿ ਸੰਗੀਤ ਨਾਲ ਸਾਂਝਾ ਹੈ। ਸਿਲੇਬਸ ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਦੀ ਵੈੱਬਸਾਈਟ 'ਤੇ ਉਪਲਬਧ ਹੈ।)
- ਪਰਚਾ ਛੇਵਾਂ : ਇੰਗਲਿਸ਼ ਕਮਿਊਨੀਕੇਸ਼ਨ ਸਕਿਲ
   (ਨੋਟ : ਇਹ ਸਿਲੇਬਸ ਬੀ.ਏ. ਆਨਰਜ਼ ਸਕੂਲ ਇਨ ਗੁਰਮਤਿ ਸੰਗੀਤ ਨਾਲ ਸਾਂਝਾ ਹੈ। ਸਿਲੇਬਸ ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਦੀ ਵੈੱਬਸਾਈਟ 'ਤੇ ਉਪਲਬਧ ਹੈ।)
- ਕੁਆਲੀਫਾਇੰਗ ਪੇਪਰ : ਇਨਵਾਇਰਨਮੈਂਟਲ ਸਟੱਡੀਜ਼ (ਸਮੈਸਟਰ-ਚੌਥਾ ਵਿਚ)

B.A. (Hons) School in Dance Part-II Semester - Third Paper -I Kathak Theory

(For the session 2015-16, 2016-17, 2017-18)

Theory - 5 Periods per week Total Marks :100 Pass Marks : 40

Time Allowed : 3 Hours External Assessment Maximum Marks : 75 Pass Marks : 30

Internal Assessment Maximum Marks : 25 Pass Marks : 10

#### Instruction for Teacher for Internal Assessment

The internal assessment 25 marks will be assessed throughout the semester as under ; Five (05) marks for attendance for class room attendance, 10 marks for written assignment/project work and 10 marks for Two Mid-Semester Tests/Internal Examinations.

#### **Instructions for the Paper-Setter**

The question paper will consist of three sections: A, B and C. The paper setter is required to set nine questions in all consisting of four questions each in Section A and Section B and ninth question will be Section C which will be compulsory. The division of marks for Section A will be of 11 marks each and Section B will be of 11.5 marks each. Thus Section A and Section B will consist of total 45 marks. Section C will consist of 15 short type questions which will cover the entire syllabus uniformly and will carry 02 marks each and thus Section C will be for total 30 marks.

#### **Instructions for the Candidates**

Candidates are required to attempt five questions in all, selecting two questions each from section A and B. Section C is compulsory.

#### Section-A

- 1. Development of Kathak Dance during Mughal and British Period.
- 2. Study of Kathakali Dance.
- 3. Study of Banaras Gharana.
- 4. Study of Natya, Nritta and Nritya.
- 5. Study of Abhinaya Darpana.
- 6. Comparative Study of Classical and Folk Dances.

#### Section-B

7. Writing the notations of the following Basant taal (Matra 9)

Notation of all the following material :

- (a) Simple Tatkar with Dugan and Chougan layakaries
- (b) Tora 2
- (c) Amad 1
- (d) Salami-1
- (e) Paran-2
- (f) Chakaradar Paran-1
- (g) Kavit-I
- 8. Writing the notations of the following
  - Rupak taal (Matra 7)
  - (a) Simple Tatkar with Dugan and Chogun layakaries
  - (b) Tora-2
  - (c) Amad-1
  - (d) Chakardar Paran-1
  - (e) Paran-1
  - (f) Kavit-1
- 9. Description and comparative study of Taals mentioned in section-C above.
- 10. Notation of talas in Dugun, Tigun and Chougan layakaries mentioned in section C above.
- 11. Notation of Nagma in Basant & Rupak.
- 12. Recognition of taals through some bols.

#### **Books Recommended**

1.	L.N.Garg	-	Kathak Nritya
2.	<b>Puru Dadhich</b>	-	Kathak Nritya Shiksha
3.	T.R. Azad	-	Kathak Shingara
4.	J.N.Pathak	-	Nritya Prashn Panjika
5.	T.R. Azad	-	Kathak Darpan
6.	Dr. Simmi	-	Nat Sanchar
7.	L.N.Garg	-	Bharat Ke lok Nritya
8.	Dr. Chetna	-	Kathak Kalp Drupan
9.	Mandvi Singh	-	Bhatiya Sanskrit Mei Kathak Parampara

## B.A. (Hons) School in Dance Part-II Semester - IIIrd Paper-II Kathak Practical

(For the session 2015-16, 2016-17, 2017-18)

#### **Practical - 5 Periods per week**

Max. Marks : 100 Pass Marks : 40

- 1. Practical Demonstration of any taal of your choice.
- 2. Practical demonstration of the following taals :
- (i) Basant taal (Matra 9)
  - (a) Simple Tatkar with Dugan and Chougan layakaries
  - (b) Tora 2 Thaat -I
  - (c) Amad 1 Kavit-I
  - (d) Salami-1
  - (e) Paran-2
  - (f) Chakaradar Paran-1
- (ii) Rupak taal (Matra 7)
  - (a) Simple Tatkar with Dugan and Chogun layakaries
  - (b) Tora-2 Thaat-1
  - (c) Amad-1
  - (d) Chakardar Paran-1
  - (e) Paran-1
  - (f) Kavit-1
- 3. One Gatnikas.
- 4. Padhant of whole material.
- 5. Ability to play nagmas theka in Basant taal & Rupak taal.

#### B.A. Hons School in Dance Part-II Semester - Third (For the session 2015-16, 2016-17, 2017-18) Paper - III Music Vocal Theory

### <u> Total Marks : 50</u>

External Marks	: 37	Internal Assessment : 13 Marks
Pass Marks	: 15	Pass Marks : 5
Time Allowed	: 3 hours	

#### **Instructions for Teacher for Internal Assessment**

The internal assessment 13 marks will be assessed throughout the semester as under ; three (03) marks for attendance. 05 marks for written assignment/project work and 05 marks for Two Mid-Semester Tests/Internal Examinations.

#### **INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of three sections : A,B and C. The paper setter will set 9 questions in all, by setting four questions from Part-A and four questions from Part-B having five and a half marks (5.5marks) each. In Section-C, ninth question will be compulsory question having 15 short type/objective questions of one mark (01 mark) each.

#### INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting at least two question from Part-A, two questions from Part-B and Section-C will be compulsory.

#### Section - A

- 1. Historical Development of Indian Music Ist to 12th Century.
  - (a) Period of Gupta with reference to Kalidas Poetry.
    - (b) Matang.
- 2. Origin and development of the following Gayan Shallies:-
- Khayal, Dhamar
- General Study of Alap and Taan.
   Biographical sketches and contrib
  - Biographical sketches and contribution to Indian Music of the following great Masters :-
    - (a) Pt. Onkar Nath Thakur
    - (b) Swami Harivallabh

#### Section-B

- Description and Notation of the following Ragas and Taals : Raags :Bhairav , Des , Asawari Taals : Tilwara , Deepchandi
- Elementry knowledge of the following Raags and introduction : (a) Gunkali (b) Bhupali
- 3. Importance of Shri Guru Granth Sahib in Music.
- 4. Definition of the following :-Murki, Nyas, Apnyas.

#### **BOOKS RECOMMENDED**

- 1. Sangeet Karyalaya Hathras (U.P): Sangeet Visharad
- 2. H.C.Srivastva : Rag Parichaya, Part II
- 3. Published by Punjabi University, Patiala : Sangeet Kaumudi, IV (Punjabi).
- 4. Mrs.Veena Mankaran : Sangeet Sar, Part II
- 5. Prof Tara Singh , Surjit Kaur : Vadan Kala, Publihed by Punjabi University, Patiala
- 6. G.G.K Parkashan , Javadhi Kalan Ludhiana : Gurmat Sangeet (Vishesh Ank) Vismad Nad.
- 7. Dr. Gurman Singh : Punjabi SangeetKar, Published by Punjabi University, Patiala.
- 8. Dr. Gurnam Singh : Sangeet Nibandhavali, Published by Punjabi University, Patiala.
- 9. Dr. Devinder Kaur : Sangeet Roop.

### **B.A. Hons School in Dance Part-II** <u>Semester - Third</u> (For the session 2015-16, 2016-17, 2017-18) Paper - III Music Vocal Practical

Max. Marks - 50 Pass Marks - 20 Time 1 Hour.

1.	Viva	40 Marks
2.	Harmonium	05 Marks
3.	Tabla	05 Marks

- 1. One drat Khyal in each of the following Raags :-
- (i) Bhairav (ii) Des (iii) Bhupali
- 2. One slow khyal in any raags prescribed in the syllabus with
- 3. One Dhrupad or one Dhamar with Dugun, Layakaries in one of
- 4. One Shabad or Bhajan in prescribed Raags.
- 5. Description of the Raags and Taals prescribed in the
- 6. Ability to recite the following Taals :-
  - (i) Kehrva (ii) Ek Taal
- 7. Aroh, Avroh and Pakar of the Following :-
  - (i) Raageshwari (ii) Shudh Kalyan

alap - and Taals . the Prescribed Raags.

Syllabus.

#### **B.A. (Hon's) School in Dance Part -II Semester - III** (For the session 2015-16, 2016-17, 2017-18)

#### PAPER-A: - IV-TABLA (THEORY) <u>Total Marks : 50</u>

External Marks	: 37	Internal Assessment : 13 Marks
Pass Marks	: 15	Pass Marks : 5
Time Allowed	: 3 hours	

#### **Instructions for Teacher for Internal Assessment**

The internal assessment 13 marks will be assessed throughout the semester as under ; three (03) marks for attendance. 05 marks for written assignment/project work and 05 marks for Two Mid-Semester Tests/Internal Examinations.

#### **INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of three sections : A, B and C. The paper setter will set 9 questions in all, by setting four questions from Part-A and four questions from Part-B having five and a half marks (5.5marks) each. In Section-C, ninth question will be compulsory question having 15 short type/objective questions of one mark (01 mark) each.

#### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt five questions in all selecting at least two question from Part-A, two questions from Part-B and Section-C will be compulsory.

#### Section - A

- 1. Definition and explain th following terms:-Uthan, Dupalli, Tipalli, Laggi, Tukra.
- 2. Ten Praan of Taal.
- 3. Life Sketches of Shri Kanthe Maharaj & Shri Anokhe Lal.
- 4. Principles of Tabla Sangat with Dance.

#### Section - B

- 5. Notation in the following material:
  (i) Sultaal Tukras, Parans, Bedam Tehai, Damdar Tehai.
  (ii) Rupak Taal Peshkar, Gat, Quaida, Paran and Chakradar Paran.
- 6. Comparative Study of Taals mentioned in Section D.
- 7. Notation of Rupak, Tivra, Jhaptals with their Dugun, Tigun and Chaugun Layakaries.
- 8. Recognition of Taals through some bols asked by paper setter.
- 9. Composition of Rela, Quaida, Peshkar and Paran based on the bols set by the paper setter.

#### **BOOKS RECOMMENDED**

1.	Tabla Vadan, Published by Pbi.Uni.	:	Jagmohan Sharma
2.	Tabla Tarang	:	B S Nigam
3.	Taal Prakash	:	Sangeet Karyala Hathras
4.	Taal Prichiya - Part-I, II & III	:	G.C. Shrivastava
5.	Taal Prabhakar Prshontri	:	G. C. Shrivastava
6.	Taal Maartand	:	B S Sharma
7.	Bhartiya Talon ka Shastriya vivechan	n:	Arun Kumar Sen
8.	Bhartiya Sangeet Vadyas	:	L M Mishra
9.	Taal Rattan	:	Sujit Singh

## **B.A. (Hon's) School in Dance Part -II Semester - III** (For the session 2015-16, 2016-17, 2017-18) **Tabla Practical**

Duration : 20 Minutes Max. Marks - 50 Pass Marks - 20

- 1. Taal prescribed: Rupak, Sultal & Deep Chandi
  - (a) Proper Barhat of following Taals:
    - (i) Rupak (ii) Sultal
  - (b) Two Laggis in Dadra Taal.
  - (c) Sultaal Tukras, Parans, Bedam Tehai, Damdar Tehai.Rupak Taal Peshkar, Gat, Quaida, Paran and Chakradar Paran.
- 2. Practice of playing the above mentioned taals with Dance Item.
- 3. Knowledge of Shudh and Vikrit Swaras.
- 4. Practice of playing Nagma on Harmonium in Rupak & Sool Taal.
- 5. Tunning of Tabla.

ਬੀ.ਏ. ਆਨਰਜ਼ ਸਕੂਲ (ਹਿਸਟਰੀ, ਅੰਗਰੇਜ਼ੀ, ਪੁਲਿਟੀਕਲ ਸਾਇੰਸ, ਡਾਂਸ, ਗੁਰਮਤਿ ਸੰਗੀਤ) ਲਈ ਪੰਜਾਬੀ ਦਾ ਸਾਂਝਾ ਸਿਲੇਬਸ

# ਭਾਗ ਦੂਜਾ (ਸਮੈਸਟਰ ਤੀਜਾ ਅਤੇ ਚੌਥਾ)

## 2015-16, 2016-17 ਅਤੇ 2017-18 ਸੈਸ਼ਨ ਲਈ

#### ਸਮੈਸਟਰ–ਤੀਜਾ

ਕੁਲ ਅੰਕ : 100 ਅੰਦਰੂਨੀ ਮੁਲਾਂਕਣ : 25 ਅੰਕ ਬਾਹਰੀ ਪਰੀਖਿਆ: 75 ਅੰਕ ਸਮਾਂ : 3 ਘੰਟੇ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 40 ਅੰਦਰੂਨੀ ਮੁਲਾਂਕਣ ਵਿਚੋਂ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 10 ਬਾਹਰੀ ਪਰੀਖਿਆ ਵਿਚੋਂ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 30 (ਅਧਿਆਪਨ: 50 ਪੀਰੀਅਡ, 6 ਪੀਰੀਅਡ ਪ੍ਰਤੀ ਹਫਤਾ)

10 ਅੰਕ

10 ਅੰਕ

### ਪਾਠਕ੍ਰਮ ਅਤੇ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੀ ਰੂਪ-ਰੇਖਾ

#### ਭਾਗ–ੳ

ੳ-1 ਪੰਜਾਬ ਦੀ ਲੋਕ-ਧਾਰਾ : ਸੋਹਿੰਦਰ ਸਿੰਘ ਵਣਜਾਰਾ ਬੇਦੀ

ਭਾਗ–ਅ

#### ਅ-1 ਅਨੁਵਾਦ (ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ) ਸਿਲੇਬਸ ਨਾਲ ਸਬੰਧਤ ਅ-2 ਵਿਆਕਰਣ:

- (i) ਵਾਕੰਸ਼: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਪ੍ਰਕਾਰ
- (ii) ਨਾਂਵ ਵਾਕੰਸ਼: ਪਰਿਭਾਸ਼ਾ, ਬਣਤਰ ਅਤੇ ਪ੍ਰਕਾਰ
- (iii) ਕਰਿਆ ਵਾਕੰਸ਼: ਪਰਿਭਾਸ਼ਾ, ਬਣਤਰ ਅਤੇ ਪ੍ਰਕਾਰ

### ਅੰਕ-ਵੰਡ ਅਤੇ ਪੇਪਰ ਸੈੱਟਰ ਲਈ ਹਦਾਇਤਾਂ

- ਸਾਰੇ ਭਾਗਾਂ ਵਿਚੋਂ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
- 2. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਨੂੰ ਤਿੰਨ ਭਾਗਾਂ (ੳ, ਅ ਅਤੇ ੲ) ਵਿਚ ਵੰਡਿਆ ਜਾਵੇਗਾ।
- 8-1 ਵਿਚੋਂ ਕਿਸੇ ਇਕ ਲੇਖ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ
   (ਦੋ ਵਿਚੋਂ ਇਕ)
- 4. **ਕਿਸੇ ਇਕ ਅਧਿਆਇ ਜਾਂ ਲੇਖ ਦੇ ਆਧਾਰ ਤੇ ਲੇਕ ਵਰਤਾਰੇ ਦੀ ਵਿਆਖਿਆ** (ਦੋ ਵਿਚੋਂ ਇਕ)
- ਆਮ ਜਾਣਕਾਰੀ ਨਾਲ ਸਬੰਧਿਤ ਪੈਰ੍ਹੇ ਦਾ ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ
   09 ਅੰਕ
- ਭਾਗ ਅ-2 ਵਿਚ ਦਿੱਤੇ ਵਿਆਕਰਣ ਦੇ ਆਧਾਰ ਉੱਤੇ ਵਰਣਨਾਤਮਕ ਪ੍ਰਸ਼ਨ (ਦੋ ਵਿਚੋਂ ਇਕ) 10 ਅੰਕ
- 7. ਪਾਠ ਪੁਸਤਕ ਦੇ ਕਿਸੇ ਪੈਰ੍ਹੇ ਦਾ ਸਿਲੇਬਸ ਵਿਚ ਨਿਰਧਾਰਤ ਵਿਆਕਰਣ ਅਨੁਸਾਰ ਵਿਹਾਰਕ ਅਧਿਐਨ 06 ਅੰਕ
- 8. ਭਾਗ ੲ ਵਿਚ ਪਾਠ ਪੁਸਤਕਾਂ ਅਤੇ ਵਿਆਕਰਣ ਵਾਲੇ ਭਾਗ ਵਿਚੋਂ ਸੰਖੇਪ ਉਤਰਾਂ ਵਾਲੇ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਪਰੀਖਿਆਰਥੀ ਨੇ ਸਾਰੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤਰ ਤਿੰਨ-ਤਿੰਨ ਜਾਂ ਚਾਰ-ਚਾਰ ਸਤਰਾਂ ਵਿਚ ਦੇਣੇ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 2 ਅੰਕ ਹੋਣਗੇ। 15x2=30 ਅੰਕ

### ਸਹਾਇਕ ਪਾਠ–ਸਾਮੱਗਰੀ

- 1. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਵਿਆਕਰਨ ਭਾਗ ।,।।,।।, ਡਾ. ਜੋਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ ਅਤੇ ਹੋਰ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।
- 2. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਡਾ. ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।
- ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਵਿਆਕਰਨ (ਤਕਨੀਕੀ ਸ਼ਬਦਾਵਲੀ ਦਾ ਵਿਸ਼ਾ ਕੋਰਸ), ਡਾ. ਬਲਦੇਵ ਸਿੰਘ ਚੀਮਾ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਉਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- 4. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਲੋਕਧਾਰਾਈ ਪਿਛੋਕੜ, ਜੋਗਿੰਦਰ ਸਿੰਘ ਕੈਰੋਂ, ਪੰਜਾਬੀ ਅਕਾਦਮੀ, ਦਿੱਲੀ।

## B.A. (Hon's) School in Dance Part -II Semester - III (For the session 2015-16, 2016-17, 2017-18) PAPER -VI-(ENGLISH COMMUNICATION SKILLS)

Max. Marks: 100 Written Test: 60 Internal Assessment: 20 Practical Test (Viva-Voce) : 20 Marks Pass Percentage: 40%

Time Allowed: 3 Hrs.

### **INSTRUCTIONS FOR THE PAPER SETTER**

(a) The paper setter shall set three questions from each section A & B. carrying 10 marks for each question.
(b) The paper setter shall set one compulsory question for Section C carrying 10 short type questions from entire syllabus which will carry 20 marks (10 52=20)

#### INSTRUCTIONS FOR THE CANDIDATE

The candidate shall attempt 4 questions selecting at least 2 questions from Section A and B of carrying 10 marks each. The fifth question carrying 10 short type questions from Section C shall be compulsory carrying 20 marks.

### THEORY PAPER

## Section A

1. Popular Short Stories, Oxford University Press

## Chapters 1 to 6

- i) One Essay type question with internal choice on theme narrative incident or character.
- 2. Five Short notes out of eight given
- 3. Language: its definition, features, functions.
- 4. Language and Society

### Section **B**

- 5. Communication: its definition features, verbal and non-verbal forms of communication.
- 6. Language and Communication
- 7. Proverbs.
- 8. Gender

### **BOOKS PRESCRIBED**

- 1. **P**opular Short Stories, Oxford University Press
- 2. English in Situations by R.O. Neil
- 3. What to Say When ED Viola Huggins.
- 4. Success with English Course Book I by Geoffrey Boughton
- 5. Success with English A First Reader by Alexander Baird.
- 6. The Students' Companion by Wilfred D. Best

## Combined Syllabus For B.A. (Hon's) School in Dance Part -II Semester - III (For the session 2015-16, 2016-17, 2017-18) PAPER -VI-(ENGLISH COMMUNICATION SKILLS) Practical Viva-Voce

Max. Marks: 100 Marks Written Test: 60 Marks Internal Assessment: 20 Marks Practical Test (Viva-Voce) : 20 Marks Pass Percentage: 40%

Time Allowed: 20 Minutes

## **PRACTICAL PAPER**

MAX. MARKS 20

Viva voice from the following (5+5+5+5=20)

- 1. Communication (5 marks)
- 2. Language (5 marks)
- 3. General Knowledge (5 marks)
- 4. Vocabulary (5 marks)

#### B.A. (Hons) School in Dance Part-II Semester - Fourth Paper -I Kathak Theory (For the session 2015-16, 2016-17, 2017-18)

Theory - 5 Periods per week Total Marks :100 Pass Marks : 40

> Internal Assessment Maximum Marks : 25 Pass Marks : 10

**Instruction for Teacher for Internal Assessment** 

The internal assessment 25 marks will be assessed throughout the semester as under ; Five (05) marks for attendance for class room attendance, 10 marks for written assignment/project work and 10 marks for Two Mid-Semester Tests/Internal Examinations.

#### **Instructions for the Paper-Setter**

The question paper will consist of three sections: A, B and C. The paper setter is required to set nine questions in all consisting of four questions each in Section A and Section B and ninth question will be Section C which will be compulsory. The division of marks for Section A will be of 11 marks each and Section B will be of 11.5 marks each. Thus Section A and Section B will consist of total 45 marks. Section C will consist of 15 short type questions which will cover the entire syllabus uniformly and will carry 02 marks each and thus Section C will be for total 30 marks.

#### **Instructions for the Candidates**

Candidates are required to attempt five questions in all, selecting two questions each from section A and B. Section C is compulsory.

#### **Section-A**

- 1. Detailed history of Kathak Dance upto 20th Century.
- 2. Patronage and contribution of Indian kings towards Kathak Dance.
- 3. Study of Odissi Dance.
- 4. Study of Gati and its various aspects.
- 5. Study of Nayak-Nayaka Bhedas and their manifestations.
- 6. Study of the folk dances of Rajasthan and their historical background, music, style, costumes and makeup etc.

### Section-B

- 7. Writing the notations of the following Rudra taal (Matra 11) Notation of all the following material :
  (a) Simple Tatkar with Dugan and Chougan layakaries
  (b) Tora - 2
  (c) Amad - 1
  - (d) Salami-1
  - (e) Paran-2
  - (f) Chakaradar Paran-1
  - (g) Kavit-I
- 8. Writing the notations of the following
  - Chau taal (Matra 12)
  - (a) Simple Tatkar with Dugan and Chogun layakaries
  - (b) Tora-2
  - (c) Amad-1
  - (d) Chakardar Paran-1
  - (e) Paran-1
  - (f) Kavit-1
- 9. Description and comparative study of Taals mentioned in section-C above.
- 10. Notation of talas in Dugun, Tigun and Chougan layakaries mentioned in section C above.
- 11. Notation of Nagma in Rudra & Chau taal.
- 12. Recognition of taals through some bols.

Time Allowed : 3 Hours External Assessment Maximum Marks : 75 Pass Marks : 30

#### **Books Recommended**

1.	L.N.Garg	-	Kathak Nritya
2.	<b>Puru Dadhich</b>	-	Kathak Nritya Shiksha
3.	T.R. Azad	-	Kathak Shingara
4.	J.N.Pathak	-	Nritya Prashn Panjika
5.	T.R. Azad	-	Kathak Darpan
6.	Dr. Simmi	-	Nat Sanchar
7.	L.N.Garg	-	Bharat Ke lok Nritya
8.	Dr. Chetna	-	Kathak Kalp Drupan
9.	Mandvi Singh	-	Bhatiya Sanskrit Mei Kathak Parampara

#### B.A. (Hons) School in Dance Part-II Semester - Fourth Paper-II Kathak Practical

(For the session 2015-16, 2016-17, 2017-18)

#### **Practical - 5 Periods per week**

Max. Marks : 100 Pass Marks : 40

- 1. Practical Demonstration of any taal of your choice.
- 2. Practical demonstration of the following taals :
- (i) Rudra taal (Matra 11)
  - (a) Simple Tatkar with Dugan and Chougan layakaries
    - (b) Tora 2
    - (c) Amad 1
    - (d) Salami-1
    - (e) Paran-2
    - (f) Chakaradar Paran-1
    - (g) Thaat-1
    - (h) Kavit-I
- (ii) Chau taal (Matra 12)
  - (a) Simple Tatkar with Dugan and Chogun layakaries
  - (b) Tora-2
  - (c) Amad-1
  - (d) Chakardar Paran-1
  - (e) Paran-1
  - (f) Kavit-1
  - (g) Thaat-I
- 3. Padhant of whole material.
- 4. Ability to play nagmas theka in Rudra taal & Chau taal.

#### B.A. Hons School in Dance Part-II Semester - Fourth (For the session 2015-16, 2016-17, 2017-18) Paper -III Music Vocal Theory <u>Total Marks : 50</u> External Marks : 37 Internal Assessment : 13 Marks Pass Marks : 15 Pass Marks : 5

Pass Marks : 15 Time Allowed : 3 hours
Pass Marks : 5

#### **Instructions for Teacher for Internal Assessment**

The internal assessment 13 marks will be assessed throughout the semester as under ; three (03) marks for attendance. 05 marks for written assignment/project work and 05 marks for Two Mid-Semester Tests/Internal Examinations.

#### **INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of three sections : A,B and C. The paper setter will set 9 questions in all, by setting four questions from Part-A and four questions from Part-B having five and a half marks (5.5marks) each. In Section-C, ninth question will be compulsory question having 15 short type/objective questions of one mark (01 mark) each.

#### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt five questions in all selecting at least two question from Part-A, two questions from Part-B and Section-C will be compulsory.

## Section - A

- 1. Historical development of Indian Music Ist to 12th Century with reference to Following :-
  - (a) Sharangdev
  - (b) Matang

4.

- 2. Origin and development of Dhrupad.
- 3. Biographical sketches and contribution of the following great Masters :
  - (a) Ustad Faiyaz Khan
  - (b) Pt.Vishnu Digambar Pulaskar
  - Essay on the following :-
    - (a) Role of Music to control Noise pollution.
    - (b) Tanpuras and Sahayak Naad.

#### Section-B

- 1. Description of the following Raags and Taals and Notation Khyal of any two Drut Khyals of your syllabus.
  - (a) Ragas : Bhimplasi , Bageshwari
  - (b) Taals : Dhamar , Jhaptal.
- 2. Elementry knowledge and introduction of the following raags: (i) Rageshwar (ii) Ramkali
- 3. Importance of Raags in Gurmat Sangeet.
- 4. Definition of the Following :-
  - (i) Andolan (ii) Ansh (iii) Grah

#### **BOOKS RECOMMENDED**

- 1. Sangeet Karyalaya Hathras (U.P): Sangeet Visharad
- 2. H.C.Srivastva : Rag Parichaya, Part II
- 3. Published by Punjabi University, Patiala : Sangeet Kaumudi, IV (Punjabi).
- 4. Mrs.Veena Mankaran : Sangeet Sar, Part II
- 5. Prof Tara Singh , Surjit Kaur : Vadan Kala, Publihed by Punjabi University, Patiala
- 6. G.G.K Parkashan , Javadhi Kalan Ludhiana : Gurmat Sangeet (Vishesh Ank) Vismad Nad.
- 7. Dr. Gurman Singh : Punjabi SangeetKar, Published by Punjabi University, Patiala.
- 8. Dr. Gurnam Singh : Sangeet Nibandhavali, Published by Punjabi University, Patiala.
- 9. Dr. Devinder Kaur : Sangeet Roop.

#### **B.A. Hons School in Dance Part-II** <u>Semester - Fourth</u> (For the session 2015-16, 2016-17, 2017-18) **Paper - III Music Vocal Practical**

Max. Marks - 50 Pass Marks - 20 Time 1 Hour.

1.	Viva	40 Marks
2.	Harmonium	05 Marks
3.	Tabla	05 Marks

- 1. One Durt Khyal in each of the following Raags prescribed in the syllabus of the following Raags:-(i) Asawari (ii) Bageshwari (iii) Yaman
- 2. One slow khyal in any Raags prescribed in the syllabus with alap and Taans.
- 3. One Thumri in any Raag.
- 4. Description of Raags and Taals prescribed in syllabus.
- 5. Ability to recile Taals : Jhaptal and Chartal.
- 6. Ability to sing Saraswati Vandana.
- 7. Aroh, Avroh, Pakar of the following Raags :-
  - (i) Bhiravi (ii) Gunkali

### **B.A. (Hon's) School in Dance Part -II Semester - IV** (For the session 2015-16, 2016-17, 2017-18)

#### PAPER-A: - IV-TABLA (THEORY) <u>Total Marks : 50</u>

External Marks	: 37	Internal Assessment : 13 Marks
Pass Marks	: 15	Pass Marks : 5
Time Allowed	: 3 hours	

#### **Instructions for Teacher for Internal Assessment**

The internal assessment 13 marks will be assessed throughout the semester as under ; three (03) marks for attendance. 05 marks for written assignment/project work and 05 marks for Two Mid-Semester Tests/Internal Examinations.

#### **INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of three sections : A, B and C. The paper setter will set 9 questions in all, by setting four questions from Part-A and four questions from Part-B having five and a half marks (5.5marks) each. In Section-C, ninth question will be compulsory question having 15 short type/objective questions of one mark (01 mark) each.

#### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt five questions in all selecting at least two question from Part-A, two questions from Part-B and Section-C will be compulsory.

#### Section - A

- 1. Definition and explain th following terms:-
- Gat, Nagma, Peshkar and Chakradar Paran.
- 2. Study of different Gharanas of Tabla Vadan.
- 3. Life Sketches of Pt. Shamta Prashad (Gudai Maharaj Ustad Habib-Ud-din.
- 4. Comparision of Uttari and Dakshini Taal System.

#### Section - B

- 5. Notation in the following material:
  - (i) Tivra: Tukra, Chakradar Paran and Rela.
  - (ii) Jhaptal: One Quaida, One Peshkar, One Gat and One Rela.
  - Notation of Nagma of Taals mentioned in Section D.
- 7. Notation of Jhaptal, Deepchandi, Tivra and Jhumra Taals with their Dugun, Tigun and Chaugun Layakaries.
- 8. Recognition of Taals through some bols asked by paper setter.
- 9. Principles of Tabla Solo.

#### **BOOKS RECOMMENDED**

6.

1.	Tabla Vadan, Published by Pbi.Uni.	:	Jagmohan Sharma
2.	Tabla Tarang	:	B S Nigam
3.	Taal Prakash	:	Sangeet Karyala Hathras
4.	Taal Prichiya - Part-I, II & III	:	G.C. Shrivastava
5.	Taal Prabhakar Prshontri	:	G. C. Shrivastava
6.	Taal Maartand	:	B S Sharma
7.	Bhartiya Talon ka Shastriya vivecha	n:	Arun Kumar Sen
8.	Bhartiya Sangeet Vadyas	:	L M Mishra
9.	Taal Rattan	:	Sujit Singh

## **B.A. (Hon's) School in Dance Part -II Semester - IV** (For the session 2015-16, 2016-17, 2017-18)

#### Tabla Practical

Duration : 20 Minutes Max. Marks - 50 Pass Marks - 20

1. Taal prescribed: Tivra, Jhaptal & Jhumra.

(a) Proper Barhat of following Taals:

(i) Jhaptal (ii) Tivra

- (b) Two Laggis in Keharva Taal.
- (c) Jhaptal One Qaida, One Peshkar, One gat, and Rela.
- (d) Playing Thheka of Tivra Taals in Ekgun, Dugun & Chaugum Layakaries.
- 2. Practice of Playing the above mentioned Taals with Vocal and Instrumental items.
- 3. Practice of playing Nagma on Harmonium in prescribed Taals.
- 4. Tunning of Tabla.

ਬੀ.ਏ. ਆਨਰਜ਼ ਸਕੂਲ (ਹਿਸਟਰੀ, ਅੰਗਰੇਜ਼ੀ, ਪੁਲਿਟੀਕਲ ਸਾਇੰਸ, ਡਾਂਸ, ਗੁਰਮਤਿ ਸੰਗੀਤ) ਲਈ ਪੰਜਾਬੀ ਦਾ ਸਾਂਝਾ ਸਿਲੇਬਸ ਭਾਗ ਦੂਜਾ (ਸਮੈਸਟਰ ਤੀਜਾ ਅਤੇ ਚੌਥਾ)

2015-16, 2016-17 ਅਤੇ 2017-18 ਸੈਸ਼ਨ ਲਈ

### ਸਮੈਸਟਰ ਚੌਥਾ

ਕੁਲ ਅੰਕ : 100 ਅੰਦਰੂਨੀ ਮੁਲਾਂਕਣ : 25 ਅੰਕ ਬਾਹਰੀ ਪਰੀਖਿਆ: 75 ਅੰਕ ਸਮਾਂ : 3 ਘੰਟੇ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 40 ਅੰਦਰੂਨੀ ਮੁਲਾਂਕਣ ਵਿਚੋਂ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 10 ਬਾਹਰੀ ਪਰੀਖਿਆ ਵਿਚੋਂ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 30 (ਅਧਿਆਪਨ: 50 ਪੀਰੀਅਡ, 6 ਪੀਰੀਅਡ ਪ੍ਰਤੀ ਹਫਤਾ)

(ਦੋ ਵਿਚੋਂ ਇਕ)

10 ਅੰਕ

# ਪਾਠਕ੍ਰਮ ਅਤੇ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੀ ਰੂਪ-ਰੇਖਾ

#### ਭਾਗ–ੳ

ੳ-1 ਇਕ ਮਿਆਨ ਦੋ ਤਲਵਾਰਾਂ (ਸੰਖੇਪ ਰੁਪ) ਨਾਵਲ, ਨਾਨਕ ਸਿੰਘ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

ਭਾਗ–ਅ

ਅ-1 ਅਨੁਵਾਦ (ਪੰਜਾਬੀ ਤੋਂ ਅੰਗਰੇਜ਼ੀ) ਸਿਲੇਬਸ ਨਾਲ ਸਬੰਧਤ ਅ-2 ਵਿਆਕਰਣ:

- ਭਾਸ਼ਾ ਅਤੇ ਉਪ-ਭਾਸ਼ਾ ਵਿਚ ਅੰਤਰ, ਪੂਰਬੀ ਪੰਜਾਬ ਦੀਆਂ ਉਪ-ਭਾਸ਼ਾਵਾਂ (ਮਾਝੀ, ਦੁਆਬੀ, ਮਲਵਈ ਅਤੇ ਪੁਆਧੀ)
- (ii) ਗੁਰਮੁਖੀ ਲਿਪੀ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ, ਅੰਤਰ ਸਬੰਧ ਅਤੇ ਅਨੁਕੁਲਤਾ
- (iii) ਪੰਜਾਬੀ ਸ਼ਬਦ ਜੋੜਾਂ ਦੇ ਨਿਯਮ

## ਅੰਕ-ਵੰਡ ਅਤੇ ਪੇਪਰ ਸੈੱਟਰ ਲਈ ਹਦਾਇਤਾਂ

ਸਾਰੇ ਭਾਗਾਂ ਵਿਚੋਂ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।

## 2. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਨੂੰ ਤਿੰਨ ਭਾਗਾਂ (ੳ, ਅ ਅਤੇ ੲ) ਵਿਚ ਵੰਡਿਆ ਜਾਵੇਗਾ।

- 3. ੳ-1 ਵਿਚੋਂ ਨਾਵਲ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ
- 4. ਨਾਵਲ ਦੇ ਕਿਸੇ ਪਾਤਰ ਦਾ ਪਾਤਰ ਰਿਤਰਨ (ਦੋ ਵਿਚੋਂ ਇਕ) 10 ਅੰਕ
- 5. ਆਮ ਜਾਣਕਾਰੀ ਨਾਲ ਸਬੰਧਿਤ ਪੈਰ੍ਹੇ ਦਾ **ਪੰਜਾਬੀ ਤੋਂ ਅੰਗਰੇਜ਼ੀ** ਵਿਚ ਅਨੁਵਾਦ 09 ਅੰਕ
- ਭਾਗ ਅ−2 ਵਿਚ ਦਿੱਤੇ ਵਿਆਕਰਣ ਦੇ ਆਧਾਰ ਉੱਤੇ ਵਰਣਨਾਤਮਕ ਪ੍ਰਸ਼ਨ (ਦੋ ਵਿਚੋਂ ਇਕ) 10 ਅੰਕ
- 7. ਪਾਠ ਪੁਸਤਕ ਦੇ ਕਿਸੇ ਪੈਰ੍ਹੇ ਦਾ ਸਿਲੇਬਸ ਵਿਚ ਨਿਰਧਾਰਤ ਵਿਆਕਰਣ ਅਨੁਸਾਰ ਵਿਹਾਰਕ ਅਧਿਐਨ 06 ਅੰਕ
- 8. ਭਾਗ ੲ ਵਿਚ ਪਾਠ ਪੁਸਤਕਾਂ ਅਤੇ ਵਿਆਕਰਣ ਵਾਲੇ ਭਾਗ ਵਿਚੋਂ ਸੰਖੇਪ ਉਤਰਾਂ ਵਾਲੇ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਪਰੀਖਿਆਰਥੀ ਨੇ ਸਾਰੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤਰ ਤਿੰਨ-ਤਿੰਨ ਜਾਂ ਚਾਰ-ਚਾਰ ਸਤਰਾਂ ਵਿਚ ਦੇਣੇ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 2 ਅੰਕ ਹੋਣਗੇ। 15x2=30 ਅੰਕ

#### ਸਹਾਇਕ ਪਾਠ-ਸਾਮੱਗਰੀ

- 1. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਵਿਆਕਰਨ ਭਾਗ ।,।।,।।, ਡਾ. ਜੋਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ ਅਤੇ ਹੋਰ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।
- 2. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਡਾ. ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।
- 3. ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਵਿਆਕਰਨ (ਤਕਨੀਕੀ ਸ਼ਬਦਾਵਲੀ ਦਾ ਵਿਸ਼ਾ ਕੋਰਸ), ਡਾ. ਬਲਦੇਵ ਸਿੰਘ ਚੀਮਾ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- 4. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਲੋਕਧਾਰਾਈ ਪਿਛੋਕੜ, ਜੋਗਿੰਦਰ ਸਿੰਘ ਕੈਰੋਂ, ਪੰਜਾਬੀ ਅਕਾਦਮੀ, ਦਿੱਲੀ।

## **B.A. (Hon's) School in Dance Part -II Semester - IV** (For the session 2015-16, 2016-17, 2017-18) **PAPER -VI-(ENGLISH COMMUNICATION SKILLS)**

Max. Marks: 100 Written Test: 60 Internal Assessment: 20 Practical Test (Viva-Voce) : 20 Marks Pass Percentage: 40%

Time Allowed: 3 Hrs.

### **INSTRUCTIONS FOR THE PAPER SETTER**

(a) The paper setter shall set three questions from each section A & B. carrying 10 marks for each question. The Candidate is required to attempt two questions from each section.
(b) The paper setter shall set one compulsory question for Section C carrying 10 short type questions from entire syllabus which will carry 20 marks (1072=20)

#### INSTRUCTIONS FOR THE CANDIDATE

The candidate shall attempt 4 questions selecting at least 2 question from Section A and B carrying 10 marks each question. The fifth question carrying 10 short type questions from Section C shall be compulsory carrying 20 marks.

### THEORY PAPER

### Section A

1. Popular Short Stories, Oxford University Press

### Chapters 7 to 13

ii) One Essay type question with internal choice on theme narrative incident or character

- 2. Five Short notes out of eight given.
- 3. Television as medium of Communication
- 4. Education Television

### Section B

- 5. Radio as a medium of Communication.
- 6. Media and Society
- 7. Idioms.
- 8. Opposites

### **BOOKS PRESCRIBED**

- 1. Popular Short Stories, Oxford University Press
- 2. English in Situations by R.O. Neil
- 3. The Art of Broadcasting by S.P. Jain
- 4. Radio News writing by Carl Warren
- 5. What to Say When ED Viola Huggins.
- 6. Success with English Course Book I by Geoffrey Boughton
- 7. Success with English A First Reader by Alexander Baird.
- 8. The Students' Companion by Wilfred D. Best

## Combined Syllabus For B.A. (Hon's) School in Dance Part -II Semester - IV (For the session 2015-16, 2016-17, 2017-18) PAPER -VI-(ENGLISH COMMUNICATION SKILLS) Practical Viva-Voce

Max. Marks: 100 Marks Written Test: 60 Marks Internal Assessment: 20 Marks Practical Test (Viva-Voce) : 20 Marks Pass Percentage: 40%

Time Allowed: 20 Minutes

Viva voice from the following (5+5+5+5=20)

- 1. General Knowledge (5 marks)
- 2. News Reading (5 marks)
- 3. Current Affairs (5 marks)
- 4. Vocabulary (5 marks)

# All UG Courses - II Years (4th Semester) Environmental and Road Safety Awareness

Session : 2015-16, 2016-17 & 2017-18

Time Allowed: 3 hours Total lectures: 50 Total Marks: 100 Pass marks: 35

Theory Paper: 70 marks+ Internal Assessment 30 marks

### Instructions:

- a) The paper has been introduced from the session 2013-14.
- b) The paper will be taught in the Second year/fourth Semester of all the U.G. Courses (B.A., B.Com., B.Sc., Law, Engineering, Commerce, Agriculture etc.) except L.L.B. three year course and will be a qualifying paper only. The marks of this paper will not be counted towards final score of the under graduate degree.
- c) This will cover only preliminary and basics of the subject and the paper will be set accordingly.
- d) The question paper will consist of three sections A, B and C. Section A and B will have four questions in each section from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 15 short-answer type questions which will cover the entire syllabus uniformly and will carry 30 marks in all.
- *e)* Candidates are required to attempt two questions from each section A and B and the entire section C.

## Section – A

- **Unit 1:** The multidisciplinary nature of environmental studies. Definition, scope and importance
  - Concept of Biosphere Lithosphere, Hydrosphere, Atmosphere.
  - Need for public awareness (6 lectures)

**Unit – 2:** Natural Resources – Renewable and non-renewable resources.

- Natural resources and associated problems.
  - a) Forest resources: use and over exploitation, deforestation and its impact.
  - b) Water resources: use and overutilization of surface and ground water and its impact.
  - c) Mineral resources: use and effects on environment on over exploitation.
  - d) Food resources: Effects modern agriculture, fertilizer-pesticide problem, water logging and salinity.
  - e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy resources.
  - f) Role of an individual in conservation of natural resources for sustainable development. (7 lectures)

Unit 3: Ecosystems

• Ecosystem and its components: Definition, structure and function; producer, consumer and decomposer.

- Types of Ecosystem (Introduction only)
- Food Chains, food web and ecological pyramids (6 lectures)

**Unit – 4:** Biodiversity and conservation

- Introduction Definition: genetic, species and ecosystem diversity, value of biodiversity.
- Hot spots of biodiversity
- Threats to biodiversity: habitat loss, poocting of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India.
- Conservation of Biodiversity.

(6 lectures)

## Section – B

## Units 5: Environmental Pollution

- Definition, causes, effects and control measures of
  - a) Air pollution
  - b) Water pollution
  - c) Soil pollution
  - d) Marine pollution
  - e) Noise pollution
  - f) Thermal pollution
  - g) Nuclear hazard
- Role of an individual in prevention of pollution.
- Solid waste management: vermin-composting.
- Disaster management : Floods, earthquake, cyclone and landslides (7 lectures)

Unit 6: Social Issues and the Environment

- Urban problems related to energy.
- Water conservation rain water harvesting, water shed management.
- Resettlement and rehabilitation of people: its problems and concerns.
- Climate changes, global warming, acid rain, ozone layer depletion.
- Consumerism and waste products.
- Population explosion Family welfare programme (6 lectures)

Unit 7: Introduction to Environmental Protection Laws in India

- Environmental Protection Act.
- Air (Prevention and control of pollution) Act.
- Water (Prevention and Control of pollution) Act.
- Wild life Protection Act.
- Forest Conservation Act.
- Issues involved in the enforcement of environmental legislation. (6 lectures)

Unit 8: Road safety Awareness

- Concept and significance of Road safety.
- Traffic signs.

- Traffic rules.
- Traffic Offences and penalties.
- How to obtain license.
- Role of first aid in Road Safety.

(6 lectures)