




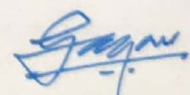
Janata Shikshan Sanstha's  
KISAN VEER MAHAVIDYALAYA, WAI  
Department of Zoology  
"Certificate Course in Sericulture"  
Course Report -2022-23

The department of Zoology had decided to conduct a certificate course for B.Sc II and B.Sc III students in departmental meeting. The title of the course is "Certificate Course in Sericulture" was finalized. The notification and advertisement was made through our college website and Brochure of the course was uploaded on the college website. The course was started on 02 September to November 2022. The time- table was displayed on the department's notice board.  $26 + 05 = 31$  students were admitted for the said course. Regular lectures and practical were conducted according to the time-table. Examination of the said course was conducted and certificates were issued to all the passed students. Students gained the knowledge about sericulture and more about cottage industry. Certificate along with the B.Sc. degree. The supportive staff and the administration of the College and specially Hon. Principal supported a lot.

The record of the course has maintained in the department. One copy had given in IQAC cell and same had been uploaded on college website.

  
Course Co-ordinator

  
Head  
Department of Zoology  
Kisan Veer Mahavidyalaya  
Wai 412803

  
Principal  
KISAN VEER MAHAVIDYALAYA  
Wai, Dist. Satara





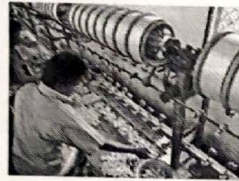
JANATA SHIKSHAN SANSTHA'S



KISAN VEER MAHAVIDYALAYA, WAI

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE IN SERICULTURE 2022-2023



Number of Papers: (50 Marks)  
Number of Practicals (50 Marks)  
Onsite Visit to District  
Sericulture Centre , Wai

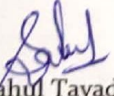
Eligibility : B.sc. I/ II/ III Appear  
Intake capacity : 40  
Duration 03 Months  
Fees : 500/- only

#### Objectives:

1. Acquaintance with the fields in Applied Zoology
2. Acquaintance with basic information in Sericulture
3. Developing theoretical and Practical knowledge in rearing Silkworms
4. Introduction of importance of small industry

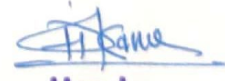
#### Advantages of Sericulture

- High employment potential for local people
- Woman friendly Occupation
- Provides Vibrancy to Rural Economy
- Readily available market
- Eco- Friendly Activity
- Low Investment, High Returns
- They are non- hazardous to Environment

  
Prof. Rahul Tayade  
(Course Coordinator)  
Cell : 9975388414

#### Contact



  
Head  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412803

Department of Zoology,  
Kisan Veer Mahavidyalaya, Wai  
Date: 17/08/2022

## Notice

Students of B. Sc. Part II and III (Zoology) are hereby informed that Certificate Course in 'Sericulture' for B. Sc. III will commence from 2<sup>th</sup> September 2022 onwards. The duration of course will be 3 months.

### Examination:

The examination will be conducted for paper I and II and practical and theory as 50 marks each. The nature of questions will be multiple choice and short answer type. The number of periods calculated for the three months course would be 60.

The course periods and practicals will be conducted on Friday and Saturday mentioned in regular time table.



  
Head,  
Department of Zoology,  
Kisan Veer Mahavidyalaya,  
Wai 412803

Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai (Dist. Satara)  
Department of Zoology  
Certificate Course in Sericulture  
B.Sc II and Bsc III  
Year 2022-23

**Course fee** : Rs.500/- per student

**Course duration**: September to November

**Syllabus:**

**Paper I Silk moth Morphology, Types and Life Cycle**

1. History of Sericulture
2. Types of Silk moth and relationship
3. Habits and habitat, Morphology and classification of Silk moth
4. Life cycle

**Paper II Rearing and Cultivation of Silk moth**

1. Cultivation of mulberry plant
2. Rearing of silk moth
  - a. Housing
  - b. Feeding and its maintenance
  - c. Disease prevention techniques
  - d. Reeling and raw silk
- e. Application of sericulture as a cottage industry

**Practical**

- ❖ Study of stages in life cycle of silk moth
- ❖ Cultivation of mulberry plants
- ❖ Rearing of silk worms
- ❖ Sericulture Economics

**Nature of Question Paper:** Multiple Choice Questions

Short Answer Questions

Short Notes



*Handwritten signature*  
**Head**  
Department of Zoology  
Kisan Veer Mahavidyalaya  
Wai, Dist. Satara

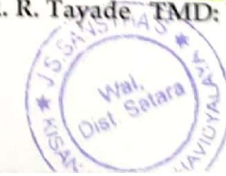
Department of Zoology  
KISAN VEER MAHAVIDYALAYA, WAI  
Year: 2022-2023

Semester -I, III, V

Class: B.Sc. I, II & III

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	07.30 - 08.18						B.Sc. I - XYZ
2	08.18 - 09.06	B.Sc. III - TMD	B.Sc. III - RRC	B.Sc. III - RRT	B.Sc. I - TMD B.Sc. II- RRT B.Sc. III - SRM	B.Sc. III - RRT B.Sc. II - RVB	B.Sc. III - RRT
3	09.06 - 09.54	B.Sc. III- RVB	B.Sc.-II HDK B.Sc. III - RVB	B.Sc. I- RRC B.Sc. II (B) - TMD B.Sc. III - RVB	B.Sc. III - HDK	B.Sc. I - SRM B.Sc. III - HDK	B.Sc. III - HDK
4	09.54 - 10.42	B.Sc.-II HDK	B.Sc. I RRT			B.Sc. III (Seri.)	B.Sc. II- RVB B.Sc. III (Seri.) RRC
10.42 - 11.00		R	E	C	E	S	S
5-8	11.00 - 02.12	BSc.I - B-1 & B-2 SRM/HDK	-	BSc.I -B5 (V) - TMD	-	BSc.I I - (III+IV) - RRC/ SRM	
		II - (III+IV) 1. RRC + TMD	II (III+IV) 2- SRM/TMD	II/(V+VI) 2 - RVB + RRC	B.Sc. II - (V+VI) 1 - HDK + RRT	BSc.II - (I+II+VII) 1 - HDK + RRT	B.Sc. II (I+II+VII) 2- RVB + RRC
		III - RVB	III - RRT	III - HDK	III - TMD	B.Sc. II Seri (Pract) RVB III - (Seri) TMD	B.Sc. II Seri (Theory) RRT III - (Seri Pract.) - SRM

RVB: Prof. R. V. Bakare - 18 (B.Sc II Pact-II), HDK: Dr. H. D. Kanase - 18 (B.Sc II, I Pact -I), RRT: Mr. R. R. Tayade, TMD: Dr. T.M.Deshpande  
RRC: Miss. R. R. Chorage SRM : Miss S.R More



Head  
Department of Zoology  
Kisan Veer Mahavidyalaya, Wai, Dist. Satara

Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wal

Department of Zoology

Certificate course in Sericulture

Student List (2022-23)

Sr. No.	Roll No.	Name
1	1	GIRI DIKSHA DATTATRAY
2	2	JADHAV SNEHAL MAHENDRA
3	3	YADAV SOJAL PRAMOD
4	4	JADHAV SAKSHI SUNIL
5	9	KAYANGUDE SAKSHI UMESH
6	10	SHINDE NIKITA PRAMOD
7	14	BABAR SANJIVANI HEMANTKUMAR
8	15	BABAR SNEHA SANJAY
9	16	KOLI NIKITA SHRIKANT
10	17	LADAF MADINA ABDUL
11	18	SHINDE SAKSHI PRAKASH
12	19	PAWAR DIKSHA PRAKASH
13	20	WARKHADE SHIVANJALEE AJIT
14	21	NIMBALKAR NEHA JALINDAR
15	22	SAWANT SHREYASI SATISH
16	23	PAWAR SUPRIYA ARVIND
17	24	JADHAV PRATIKSHA SADASHIV
18	25	DAGADE SHIVANI DNYANESHWAR
19	26	GOLE SANIKA RAJENRDA
20	27	JADHAV ANKITA DASHRATH
21	28	NIKAM ANISHA NIVAS
22	29	JADHAV PRANAY SANTOSH.
23	30	CHAVAN SAI VIJAY
24	31	BHOSALE VINAY RAVINDRA
25	32	SHINDE AKSHADA GORAKHANATH
26	33	JADHAV PRANALI BALKRUSHNA
27	75	GAIKWAD DHLAJ J
28	87	JAIKAR NEHA R
29	88	PATANE SANKET G
30	96	KUMBHAR SHREYA J
31	97	PAWAR RANI S



Head  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412803

Janata Shikshan Sastha's  
Kisan Veer Mahavidyalaya Wa.  
B.Sc II, III  
Sericulture course Attendance  
Year: 2022-2023

September

Sr. No	Roll No	Name	3/9/22	9/9/22	10/9/22	16/9/22	17/9/22	23/9/22	24/9/22	30/9/22		
1	1	GIRI DIKSHA DATTATRAY	GDP	GDP	GDP	GDP	GDP	GDP	GDP	GDP		
2	2	JADHAV SNEHAL MAHENDRA	J.Sm	J.Sm	AB	J.Sm	J.Sm	J.Sm	J.Sm	J.Sm		
3	3	YADAV SOJAL PRAMOD	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav		
4	4	JADHAV SAKSHI SUNIL	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav		
5	9	KAYANGUDE SAKSHI UMESH	Kayansu	Kayan	AB	Kayansu	Kayan	Kayansu	Kayansu	Kayansu		
6	10	SHINDE NIKITA PRAMOD	Shinde	AB	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde		
7	14	BABAR SANJIVANI H	AB	Babar	Babar	AB	Babar	Babar	Babar	Babar		
8	15	BABAR SNEHA SANJAY	Babar	Babar	Babar	Babar	Babar	Babar	Babar	Babar		
9	16	KOLI NIKITA SHRIKANT	Kolins	Kolins	Kolins	Kolins	Nolins	AB	Kolins	Kolins		
10	17	LADAF MADINA ABDUL	Ladaf	Ladaf	Ladaf	Ladaf	Ladaf	Ladaf	Ladaf	Ladaf		
11	18	SHINDE SAKSHI PRAKASH	Shinde	AB	Shinde	Shinde	Shinde	AB	Shinde	Shinde		
12	19	PAWAR DIKSHA PRAKASH	AB	DPP	DPP	DPP	DPP	DPP	AB	DPP		
13	20	WARKHADE SHIVANJALEE AJIT	warkhade	warkhade	warkhade	warkhade	warkhade	warkhade	warkhade	warkhade		
14	21	NIMBALKAR NEHA JALINDAR	Neha	Neha	Neha	AB	Neha	Neha	Neha	Neha		
15	22	SAWANT SHREYASI SATISH	sawant	sawant	sawant	sawant	sawant	sawant	sawant	sawant		
16	23	PAWAR SUPRIYA ARVIND	spawar	spawar	spawar	spawar	spawar	spawar	spawar	spawar		
17	24	JADHAV PRATIKSHA SADASHIV	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	AB	Jadhav		
18	25	DAGADE SHIVANI D	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani		
19	26	GOLE SANIKA RAJENRDA	AB	Gole	Gole	Gole	AB	Gole	Gole	Gole		
20	27	JADHAV ANKITA DASHRATH	Ankita	Ankita	Ankita	Ankita	Ankita	AB	Ankita	Ankita		
21	28	NIKAM ANISHA NIVAS	Anisha	Anisha	Anisha	AB	Anisha	Anisha	Anisha	AB		
22	29	JADHAV PRANAY SANTOSH.	J.Pranay	J.Pranay	J.Pranay	J.Pranay	J.Pranay	J.Pranay	J.Pranay	J.Pranay		
23	30	CHAVAN SAI VIJAY	chavans.	chavans.	chavans.	chavans.	chavans	chavans	AB	chavans.		
24	31	BHOSALE VINAY RAVINDRA	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay		
25	32	SHINDE AKSHADA G	S.A.G.	AB	AB	S.A.G.	S.A.G.	S.A.G.	S.A.G.	S.A.G.		
26	33	JADHAV PRANALI BALKRUSHNA	pranali	pranali	pranali	pranali	pranali	AB	pranali	pranali		
27	34	GAIKWAD DHIRAJ R	Dgaikwad	Dgaikwad	Dgaikwad	Dgaikwad	Dgaikwad	Dgaikwad	Dgaikwad	Dgaikwad		
28	35	JAYKAR NEHA R.	N.Jaykar	N.Jaykar	N.Jaykar	N.Jaykar	N.Jaykar	AB	N.Jaykar	N.Jaykar		
29	36	PATANE SANKET G	sanket	AB	sanket	sanket	sanket	sanket	sanket	sanket		
30	37	KUMBHAR SHREYA	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	AB	Shreya		
31	38	PAWAR RANI S	AB	Pawar R.	Pawar R.	Pawar R.	Pawar R.	Pawar R.	Pawar R.	Pawar R.		



  
 Head  
 Department of Zoology  
 Kisan Veer Mahavidyalaya  
 Wai 412503

Janata Shikshan Sastha's  
Kisan Veer Mahavidyalaya Wai  
B.Sc II, III  
Sericulture course Attendance  
Year: 2022-2023

October - November

Sr. No	Roll No	Name	1/10/22	7/10/22	8/10/22	14/10/22	15/10/22	21/10/22	22/10/22	4/11/22	5/11/22
1	1	GIRI DIKSHA DATTATRAY	@DP	@DP	@DP	@DP	@DP	AD	@DP	@DP	@DP
2	2	JADHAV SNEHAL MAHENDRA	J.S.M	J.S.M	J.S.M	J.S.M	J.S.M	J.S.M	J.S.M	J.S.M	J.S.M
3	3	YADAV SOJAL PRAMOD	21/10/22	AB	21/10/22	21/10/22	21/10/22	21/10/22	21/10/22	21/10/22	21/10/22
4	4	JADHAV SAKSHI SUNIL	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
5	9	KAYANGUDE SAKSHI UMESH	Kayang	Kayang	AB	Kayang	Kayang	Kayang	Kayang	Kayang	Kayang
6	10	SHINDE NIKITA PRAMOD	Shinde	Shinde	Shinde	Shinde	Shinde	AB	Shinde	Shinde	Shinde
7	14	BABAR SANJIVANI H	Babar	Babar	Babar	Babar	Babar	AB	Babar	Babar	Babar
8	15	BABAR SNEHA SANJAY	Babar	Babar	Babar	Babar	Babar	Babar	Babar	Babar	Babar
9	16	KOLI NIKITA SHRIKANT	Kolins	AD	Kolins	Kolins	Kolins	Kolins	Kolins	Kolins	Kolins
10	17	LADAF MADINA ABDUL	Ladaf	Ladaf	AB	Ladaf	Ladaf	Ladaf	Kolins	Kolins	Kolins
11	18	SHINDE SAKSHI PRAKASH	Shinde	Shinde	AB	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
12	19	PAWAR DIKSHA PRAKASH	D.P.P.	D.P.P.	D.P.P.	D.P.P.	D.P.P.	D.P.P.	D.P.P.	D.P.P.	D.P.P.
13	20	WARKHADE SHIVANJALEE AJIT	Warkhade	Warkhade	Warkhade	Warkhade	Warkhade	Warkhade	Warkhade	Warkhade	Warkhade
14	21	NIMBALKAR NEHA JALINDAR	Neha	Neha	Neha	AB	Neha	AD	Neha	Neha	Neha
15	22	SAWANT SHREYASI SATISH	Sawant	Sawant	AD	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant
16	23	PAWAR SUPRIYA ARVIND	Spawat	AB	Spawat	Spawat	Spawat	Spawat	Spawat	Spawat	AB
17	24	JADHAV PRATIKSHA SADASHIV	Jadhav	Jadhav	Jadhav	AD	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
18	25	DAGADE SHIVANI D	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	AB	Shivani	Shivani
19	26	GOLE SANIKA RAJENRDA	Gole	Gole	AB	Gole	Gole	Gole	Gole	Gole	Gole
20	27	JADHAV ANKITA DASHRATH	AB	Ankita	Ankita	Ankita	Ankita	Ankita	AB	Ankita	Ankita
21	28	NIKAM ANISHA NIVAS	Anisha	Anisha	Anisha	Anisha	AB	Anisha	Anisha	Anisha	Anisha
22	29	JADHAV PRANAY SANTOSH.	J. Pranay	J. Pranay	AB	J. Pranay	J. Pranay	J. Pranay	J. Pranay	Anisha	J. Pranay
23	30	CHAVAN SAI VIJAY	chavans.	chavans.	chavans.	chavans.	chavans.	chavans.	AB	chavans.	J. Pranay
24	31	BHOSALE VINAY RAVINDRA	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay
25	32	SHINDE AKSHADA G	S.A.G.	AB	S.A.G.	S.A.G.	S.A.G.	S.A.G.	S.A.G.	S.A.G.	S.A.G.
26	33	JADHAV PRANALI BALKRUSHNA	AB	Pranali	Pranali	AB	Pranali	Pranali	Pranali	Pranali	Pranali
27	34	GAIKWAD DHIRAJ R	Dgaikwad	Dgaikwad	AB	Dgaikwad	Dgaikwad	Dgaikwad	Dgaikwad	Dgaikwad	Dgaikwad
28	35	JAYKAR NEHA R	Njaykar	Njaykar	AB	Njaykar	Njaykar	Njaykar	Njaykar	Njaykar	Njaykar
29	36	PATANE SANKET G	Sanket	Sanket	Sanket	Sanket	Sanket	Njaykar	AB	Njaykar	Njaykar
30	37	KUMBHAR SHREYA	Shreya	Shreya	Shreya	Shreya	Shreya	Sanket	AB	Njaykar	Njaykar
31	38	PAWAR RANI S	Pawar R.	Pawar R.	Pawar R.	Pawar R.	Pawar R.	Pawar R.	AB	Pawar R.	Pawar R.

Head,  
Department of Zoology  
Kisan Veer Mahavidyalaya  
Wai 412803

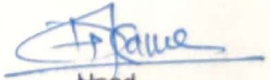


Janata Shikshan Sasstha's  
Kisan Veer Mahavidyalaya Wai  
B.Sc II, III  
Sericulture course Attendance  
Year: 2022-2023

November.

Sr. No	Roll No	Name	11/11/22	12/11/22	18/11/22	19/11/22	25/11/22	26/11/22				
1	1	GIRI DIKSHA DATTATRAY	GDP	GDP	GDP	GDP	GDP	GDP				
2	2	JADHAV SNEHAL MAHENDRA	J.S.M	J.S.M	J.S.M	J.S.M	J.S.M	J.S.M				
3	3	YADAV SOJAL PRAMOD	Y.S.P	Y.S.P	Y.S.P	Y.S.P	Y.S.P	Y.S.P				
4	4	JADHAV SAKSHI SUNIL	Jadhav	Jadhav	AB	Jadhav	Jadhav	Jadhav				
5	9	KAYANGUDE SAKSHI UMESH	AB	Kaygud	Kaygud	Kaygud	Kaygud	Kaygud				
6	10	SHINDE NIKITA PRAMOD	Shinde	AB	Shinde	Shinde	Shinde	AB				
7	14	BABAR SANJIVANI H	Babar	Babar	Babar	AB	Babar	Babar				
8	15	BABAR SNEHA SANJAY	Babar	Babar	Babar	Babar	Babar	Babar				
9	16	KOLI NIKITA SHRIKANT	Kolinc	Kolinc	Kolinc	Kolinc	Kolinc	Kolinc				
10	17	LADAF MADINA ABDUL	Ladaf	Ladaf	Ladaf	Ladaf	Ladaf	Ladaf				
11	18	SHINDE SAKSHI PRAKASH	AB	Shinde	Shinde	Shinde	Shinde	Shinde				
12	19	PAWAR DIKSHA PRAKASH	DPP	DPP	DPP	DPP	DPP	DPP				
13	20	WARKHADE SHIVANJALEE AJIT	Warkhade	Warkhade	Warkhade	Warkhade	AB	Warkhade				
14	21	NIMBALKAR NEHA JALINDAR	Neha	AB	Neha	Neha	Neha	Neha				
15	22	SAWANT SHREYASI SATISH	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant				
16	23	PAWAR SUPRIYA ARVIND	Spawar	Spawar	AB	AB	Spawar	Spawar				
17	24	JADHAV PRATIKSHA SADASHIV	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	AB				
18	25	DAGADE SHIVANI D	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani				
19	26	GOLE SANIKA RAJENRDA	Gole	Gole	Gole	Gole	Gole	Gole				
20	27	JADHAV ANKITA DASHRATH	Ankita	Ankita	Ankita	AB	Ankita	Ankita				
21	28	NIKAM ANISHA NIVAS	Anisha	AB	Anisha	Anisha	Anisha	Anisha				
22	29	JADHAV PRANAY SANTOSH.	AB	J.Pranay	J.Pranay	J.Pranay	AB	J.Pranay				
23	30	CHAVAN SAI VIJAY	Chavans	Chavans	Chavans	Chavans	Chavans	Chavans				
24	31	BHOSALE VINAY RAVINDRA	Vinay	Vinay	AB	Vinay	Vinay	Vinay				
25	32	SHINDE AKSHADA G	S.A.G.	S.A.G.	S.A.G.	S.A.G.	S.A.G.	S.A.G.				
26	33	JADHAV PRANALI BALKRUSHNA	Pranali	Pranali	Pranali	Pranali	Pranali	AB				
27	34	GAIKWAD DHIRAJ R	Dgaikwad	AB	Dgaikwad	Dgaikwad	Dgaikwad	Dgaikwad				
28	35	JAYKAR NEHA R	AB	N.Jaykar	N.Jaykar	N.Jaykar	N.Jaykar	N.Jaykar				
29	36	PATANE SANKET G	Sanket	Sanket	Sanket	AB	Sanket	Sanket				
30	37	KUMBHAR SHREYA	Shreya	AB	Shreya	Shreya	Shreya	Shreya				
31	38	PAWAR RANI S	Pawar R.	Pawar R.	Pawar R.	Pawar R.	AB	Pawar R.				



  
 Head  
 Department of Zoology  
 DEPARTMENT OF ZOOLOGY  
 Kisan Veer Mahavidyalaya  
 Wai 412803

Kisan Veer Mahavidyalaya, Wai  
Department of Zoology  
Date: 01/12/2022

**Notice:-**

Students of B.Sc. II and B.Sc III are hereby informed that their theory and practical's examination of Certificate course in sericulture is arranged on Saturday, 10/12/2022 as per following schedule.

Date	Title	Time
10/12/2022	Paper. I	10:00 am to 11:00 am
	Paper. II	11:30 am to 12:30 pm
	Practical	12:30 pm to 01:30 pm



**Head,**  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412003

Department of Zoology  
Kisan Veer Mahavidyalaya, Wai (Dist. Satara)  
Sericulture Question Paper  
2022-2023

Class: B.Sc. Part - II /III  
11. 00  
Roll No.:  
Date: 10 /12/2022

Time: 10. 00 -

Marks: 50

Paper - I

Que: 1 Select correct option and rewrite in the answer book

10

- Rearing silk moth for the production of silk is termed as.....
  - Apicultures
  - Sericulture
  - Prawn culture
  - Lac culture
- The biggest silk producing country in the world is .....
  - China
  - India
  - Japan
  - America
- ..... Humidity is measured by
  - Hygrometer
  - Thermameter
  - Lactometer
  - Milimeter
- Eri silk moth feeds on ..... plants.
- Female silk moth lays ..... Eggs.
- Life cycle of silk moth is completed ..... Days.
- ..... mouth parts are present in silk worm.
- Caterpillar of bombyxmori which feeds on.....leaves.
  - Machilas plant
  - Custard plant
  - Mulberry plant
  - Fig plant
- The comments wild silk producing insect is.....
  - Bombyxmori
  - Muga
  - Tassar
  - Eri
- Silk moth belong to class.....
  - Insecta
  - Mammalia
  - Amphibia
  - Reptelia

Q.2. Answer the following

20

- Describe disease cultivation of mulberry
- Describe morphology of silk moth.

Q.3. Write short notes on

20

- Importance of silk
- Describe types of silk moth
- Food plant of silk worm
- Habit and habitat of silk moth



*H. K. K. K.*  
Head  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412803

Department of Zoology  
Kisan Veer Mahavidyalaya, Wai (Dist. Satara)

Class: B.Sc. Part - II /III

Sericulture Question Paper

Time: 11.30 - 12.30

Roll No.:

2022-2023

Marks: 50

Date: 10/12/2022

Paper - II

**Que: 1 Select correct option and rewrite in the answer book**

**10**

1. The process of killing the cocoon is called.....  
a) Stickling      b) Realling      c) Rearing      d) Spinning
2. The silk thread is composed of five filament of protein called.....  
a) Fibroin      b) Tublin      c) Histone      d) Himoprotein
3. Cocoon is secreted by.....  
a) 1<sup>st</sup> instar larva      b) Pupa      c) Vst instar larva      d) Imago
4. The full grown mature larva of silkmoth is called.....  
a) Caterpillar      b) Magot      c) Wriggler      d) chrysalis
5. In following country all four kinds of Mulberry, Tasar, Muga, and Evi silk is produced.  
a) China      b) Japan      c) India      d) Korea
6. The domesticated silk worm ..... Is one of the best insect for genetic research.  
a) Bombyxmori      b) Evi      c) Tasar      d) none of these
7. Mascardine is a disease of slik moth caused due to .....  
a) fungi      b) bacteria      c) insect      d) protozoa
8. Following plant is suitable for Bombyxmori feeding.  
a) Mulberry      b) Acacia      c) Neam      d) Mango
9. Pebrine disease is caused by a.....  
a) Protozones      b) Bacteria      c) Virus      d) Fungi
10. Life cycle of silkworm is divided into.....stages  
a) 2      b) 3      c) 4      d) 5

**Que: 2. Solve the following.**

**20**

1. Describe the various diseases in silk industry.
2. Describe the different tools used in sericulture.

**Que: 3 Write Short Notes on**

**20**

1. Describe Disease Pebrine.
2. Disease Muscardin.
3. Explain worm culture.
4. Grainage management.



*H. S. Sane*  
**Head**  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412803

Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai  
Department of Zoology  
Short Term Course  
B.Sc II and B.Sc III  
SERICULTURE (2022-2023)

Day & Date: Monday 12/12/2022

Time: 2 Hrs

Total Marks: 50

Practical Exam

**Instructions:**

- 1) All Questions are Compulsory.
- 2) Draw diagram wherever necessary.
- 3) Figures to the right indicate full marks.

**Q.1. Answer the following.**

1. Identify, mention the diagnostic features and its importance in sericulture.

04

2. Identify and describe.

04

3. Identify, describe and mention its peculiar features.

04

4. Identify and describe its applications in sericulture industry.

04

5. Identify and state its application in sericulture

04

6. Identify and state its morphological features and role in sericulture industry.

04

7. Identify, and state its significance.

04

8. Identify and mention its cultivation practice and use in sericulture.

04

9. Identify, sketch and label life cycle.

04

10. Describe the any one type of disease in sericulture industry.

04

**Q.2. Submission of a report on sericulture.**

10



*H. Kulkarni*  
Head  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412303

Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai  
Department of Zoology  
Short Term Course  
B.Sc II and B.Sc III  
SERICULTURE (2022-2023)

Time: 2 Hrs

Day & Date: Monday 12/12/2022  
Total Marks: 50

Practical Exam

**Instructions:**

- 1) All Questions are Compulsory.
- 2) Draw diagram wherever necessary.
- 3) Figures to the right indicate full marks.

**Q.1. Answer the following.**

1. Identify, mention the diagnostic features and its importance in sericulture. 04  
Cocoon
2. Identify and describe. 04  
Eggs of silk moth
3. Identify, describe and mention its peculiar features. 04  
Caterpillar of silk moth
4. Identify and describe its applications in sericulture industry. 04  
Rearing tray
5. Identify and mention its cultivation practice and use in sericulture. 04  
Mulberry pl
6. Identify and state its morphological features and role in sericulture industry. 04  
Adult moth
7. Identify, and state its significance. 04  
Raw silk
8. Identify and state its application in sericulture. 04  
Thermometer
9. Identify, sketch and label life cycle. 04  
Silk moth
10. Describe the any one type of disease in sericulture industry. 04

**Q.2. Submission of a report on sericulture.**



*[Signature]*  
Head  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412803

Janata Shikshan Sanstha's

Kisan Veer Mahavidyalaya Wai

Department of Zoology B.Sc.2 Add on Course Marklist 2022-23

Name of Add on /Certificate	Roll No.	Name	Mob no.	Paper 1 50marks	Paper 2 50 Marks	Practical 50 Marks	Total	Percentage	
Certificate Course in Sericulture	1	GIRI DIKSHA DATTATRAY	9588404165	47	41	40	128	64	First Class
	2	JADHAV SNEHAL MAHENDRA	8600991572	38	43	35	116	58	Second Clas
	3	YADAV SOJAL PRAMOD	9579401928	35	32	38	105	52.5	Second Clas
	4	JADHAV SAKSHI SUNIL	7666750508	34	34	44	112	56	Second Clas
	9	KAYANGUDE SAKSHI UMESH	9022311929	33	34	45	112	56	Second Clas
	10	SHINDE NIKITA PRAMOD	7620753721	40	33	42	115	57.5	Second Clas
	14	BABAR SANJIVANI HEMANTKUMAR	9834171582	41	38	35	114	57	Second Clas
	15	BABAR SNEHA SANJAY	8767921232	38	41	32	111	55.5	Second Clas
	16	KOLI NIKITA SHRIKANT	7558575267	31	44	38	113	56.5	Second Clas
	17	LADAF MADINA ABDUL	7028410660	33	42	34	109	54.5	Second Clas
	18	SHINDE SAKSHI PRAKASH	9594531287	40	37	38	115	57.5	Second Clas
	19	PAWAR DIKSHA PRAKASH	9021496598	42	41	34	117	58.5	Second Clas
	20	WARKHADE SHIVANJALEE AJIT	8857923515	33	38	36	107	53.5	Second Clas
	21	NIMBALKAR NEHA JALINDAR	8080274464	38	34	39	111	55.5	Second Clas
	22	SAWANT SHREYASI SATISH	7821043627	38	33	37	108	54	Second Clas
	23	PAWAR SUPRIYA ARVIND	7058083016	35	34	34	103	51.5	Second Clas
	24	JADHAV PRATIKSHA SADASHIV	8625889186	36	38	33	107	53.5	Second Clas
	25	DAGADE SHIVANI DNYANESHWAR	8600318701	44	42	42	128	64	Second Clas
	26	GOLE SANIKA RAJENRDA	9130474013	45	38	35	118	59	Second Clas
	27	JADHAV ANKITA DASHRATH	8767599405	43	34	36	113	56.5	Second Clas
	28	NIKAM ANISHA NIVAS	9011858017	37	33	37	107	53.5	Second Clas
	29	JADHAV PRANAY SANTOSH.	7218806990	34	34	38	106	53	Second Clas
	30	CHAVAN SAI VIJAY	9657721839	38	33	34	105	52.5	Second Clas
	31	BHOSALE VINAY RAVINDRA	9075745004	35	34	35	104	52	Second Clas
	32	SHINDE AKSHADA GORAKHANATH	8600228649	39	35	42	116	58	Second Clas
	33	JADHAV PRANALI BALKRUSHNA	8459566148	44	39	40	123	61.5	First Class


Scanned with CamScanner  
Head



Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412803

Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai  
Department of Zoology  
Certificate course in Sericulture  
2022-2023  
Mark List

Sr No	Roll No	Name of Student	Marks Theory (50)	Practical (50)	Total 150	Percentage
1	75	Gaikwad Dhiaj J	58	48	98	65.3%
2	87	Jaykar Neha R	40	48	88	58.66%
3	88	Patane Sanket G	60	48	108	72%
4	96	Kumbhar Shreya J	62	48	110	73%
5	97	Pawar Rani S	66	48	114	76%
6	103	Awade Bhagyashri	55	46	101	67.33%

  
Head  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412803



  
PRINCIPAL  
KISAN VEER MAHAVIDYALAYA  
Wai, Dist. Satara



Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai  
Certificate Programs B.Sc II Zoology  
Year: 2022-2023

Name of Add on /Certificate programs offered	Roll No.	Name	Mob no.	Email
Certificate Course in Sericulture	1	GIRI DIKSHA DATTATRAY	9588404165	shricafewai@gmail.com
	2	JADHAV SNEHAL MAHENDRA	8600991572	snejadhav400@gmail.com
	3	YADAV SOJAL PRAMOD	9579401928	shricafewai@gmail.com
	4	JADHAV SAKSHI SUNIL	7666750508	sj6022574@gmail.com
	9	KAYANGUDE SAKSHI UMESH	9022311929	sakshikayangude22@gmail.com
	10	SHINDE NIKITA PRAMOD	7620753721	ns305512@gmail.com
	14	BABAR SANJIVANI HEMANTKUMAR	9834171582	sanjivanibabar2003@gmail.com
	15	BABAR SNEHA SANJAY	8767921232	snehababar23@gmail.com
	16	KOLI NIKITA SHRIKANT	7558575267	nikitapatil5544@gmail.com
	17	LADAF MADINA ABDUL	7028410660	ladafmadina@gmail.com
	18	SHINDE SAKSHI PRAKASH	9594531287	prakashshinde1410@gmail.com
	19	PAWAR DIKSHA PRAKASH	9021496598	maitricopy@gmail.com
	20	WARKHADE SHIVANJALEE AJIT	8857923515	warkhadeshivanjalee2504@gmail.com
	21	NIMBALKAR NEHA JALINDAR	8080274464	nehanimbalkar2019@gmail.com
	22	SAWANT SHREYASI SATISH	7821043627	shreyasisawant016@gmail.com
	23	PAWAR SUPRIYA ARVIND	7058083016	supriyapawar0016@gmail.com
	24	JADHAV PRATIKSHA SADASHIV	8625889186	pratikshajadhav28112002@gmail.com
	25	DAGADE SHIVANI DNYANESHWAR	8600318701	shivanidagade4@gmail.com
	26	GOLE SANIKA RAJENRDA	9130474013	sanikagole14@gmail.com
	27	JADHAV ANKITA DASHRATH	8767599405	maitricopy@gmail.com
	28	NIKAM ANISHA NIVAS	9011858017	nikamanisha757@gmail.com
	29	JADHAV PRANAY SANTOSH.	7218806990	pranayjadhav920@gmail.com
	30	CHAVAN SAI VIJAY	9657721839	saichavan19503@gmail.com
	31	BHOSALE VINAY RAVINDRA	9075745004	vinaybhosale9075@gmail.com
	32	SHINDE AKSHADA GORAKHANATH	8600228649	shindeakshada2002@gmail.com
	33	JADHAV PRANALI BALKRUSHNA	8459566148	jpranali859@gmail.com



*[Signature]*  
**Head**  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 413603

Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai  
Department of Zoology  
Certificate course in Sericulture  
2022-2023  
Students List

Sr No	Roll No	Name of Student
1	75	Gaikwad Dhiaj J
2	87	Jaykar Neha R
3	88	Patane Sanket G
4	96	Kumbhar Shreya J
5	97	Pawar Rani S



*[Handwritten Signature]*

**Head**  
Head  
Department of Zoology  
Kisan Veer Mahavidyalaya,  
Wai 412803



Janata Shikshan Sanstha's

Kisan Veer Mahavidyalaya, Wai

Department of Zoology

## Certificate



*This is to certify that, Smt. Miss. Sojal. Parnod.....  
of Class B.Sc.: II. has successfully completed the Self Aided Certificate  
Course in "Sericulture" conducted by Department of Zoology during  
the academic year 2022-2023*

*Smt. Sojal. Parnod*  
Coordinator

Coordinator



*Smt. Sojal. Parnod*

Head,

Department of Zoology



Janata Shikshan Sanstha's

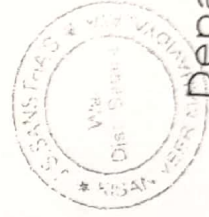
**Kisan Veer Mahavidyalaya, Wai**  
**Department of Zoology**  
**Certificate**



*This is to certify that, Shri/Miss ...~~Sauk~~...~~Wad~~...~~Thicai~~...~~J~~.....  
of Class B.Sc.III... has successfully completed the Self Aided Certificate  
Course in "Sericulture" conducted by Department of Zoology during  
the academic year 2022-2023*

*Sobud*  
Course

Coordinator



*[Signature]*  
Head,

Department of Zoology