

Course Details

Course type : Certificate

Course Title : Inheritance Pattern in Phytology

Preamble :

Objectives of course :

1. Understanding Mendel's Law and inheritance. Describe the scientific reason for the success of Mendel's Experiment.
2. To clear concept in deviation from Mendel's inheritance.
3. Motivate students to take up genetics as a field of research for further education.

Learning Outcomes :

1. Understanding different crosses and genes associated with them.

Prerequisites / Eligibility Criteria : Undergraduate science (BZC) students.

Fee: Free of Cost

Duration: 7 Days


Start Date: 17 August-24 August 2021


Registration Link: <https://forms.gle/YuGiX5WvJpW4kwff6>

Project Co-ordinator: Dr. Rashmi Singh & Dr. Shefali Singh

Syllabus

Day	Topic to be covered	Speaker
1	Introduction with Genetics	Dr. Rashmi Singh
2	Laws of Inheritance	Dr. Rashmi Singh
3	Gene Interaction	Dr. Rashmi Singh
4	Linkage	Dr. Shefali Singh
5	Cytoplasmic inheritance	Dr. Shefali Singh
6	Sex Determination	Dr. Shefali Singh
7	Evaluation by Objective paper 10 marks	

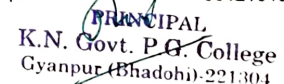



PRINCIPAL
K.N. Govt. P.G. College
Gyanpur, Gwalior

Certificate Course in Inheritance Pattern in Phytology (17 August to 24 August 2021)

Timestamp	Email Address	Name of the Student	Class	College Name	Roll No.
8/16/2021 14:08:20	abhipandey38632@gmail.com	Abhishek pandey	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040221
8/16/2021 14:09:32	munikant1612@gmail.com	Muni Kant Dubey	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040335
8/16/2021 14:10:21	munikant1612@gmail.com	Muni Kant Dubey	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040335
8/16/2021 14:11:24	surajyadavscibdh@gmail.com	Suraj Yadav		Kashi Naresh Govt. PG College, Gyanpur	
8/16/2021 14:12:32	surajyadavscibdh@gmail.com	Suraj Yadav	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	
8/16/2021 14:22:40	jaiswalshivani641@gmail.com	Shivani jaiswal	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040130
8/16/2021 14:29:08	nirmalagrawal2020@gmail.com	Ankita Agrawal	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040016
8/16/2021 14:41:37	modanwlseema1308@gmail.com	Seema	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	126
8/16/2021 14:48:11	ajityadavbaba420@gmail.com	AJEET KUMAR YADAV	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040231
8/16/2021 14:53:08	sk338725679@gmail.com	sunil kumar	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040441
8/16/2021 14:55:42	anjalisingh20254@gmail.com	Anjali singh	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	27
8/16/2021 14:57:53	nbind934@gmail.com	Neha bind	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040081
8/16/2021 14:57:57	mishraankitradhey@gmail.com	Ankit Mishra	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	
8/16/2021 14:58:27	anjalisingh20254@gmail.com	Anjali Singh	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040014
8/16/2021 14:58:56	sk338725679@gmail.com	sunil kumar	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040441
8/16/2021 14:59:47	sonalitripathi@gmail.com	Sonali tripathi	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040138
8/16/2021 15:00:31	chaubeyruchi64@gmail.com	Ruchi chaubey	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040119
8/16/2021 15:02:06	chaubeyruchi64@gmail.com	Ruchi chaubey	B.Sc.II Year	Kashi Naresh Govt. PG College, Gyanpur	30121040119




PRINCIPAL
 K.N. Govt. P.G. College
 Gyanpur (Bhadohi)-221304

Certificate Course in Inheritance Pattern in Phytology (17 August to 24 August 2021)

Timestamp	Email Address	Name of the Student	Class	College Name	Roll No.
8/18/2021 12:32:56	jk3541222@gmail.com	Jitendra Kumar	B.Sc.II Year	Kashi Naresh government post Graduate College Gyanpur Bhadohi	30121040306
8/18/2021 12:45:54	kmgarimasings@gamil.cc	Simran bano	B.Sc.II Year	Kpmsgdc aurai bhadohi	12345
8/18/2021 12:46:26	saumyashukla224@gmail	Saumya Shukla	B.Sc.II Year	Knpg	30121040124
8/18/2021 12:48:25	ranjanajaiswal415@gmail	Riya jaiswal	B.Sc.II Year	Keshav prasad mishra rajkiy mahila Mahavidyalaya	12
8/18/2021 12:48:32	kmgarimasings@gamil.c	Muskan bano	B.Sc.II Year	Kpmdc aurai bhadohi	12345
8/18/2021 12:49:32	ranjanajaiswal415@gmail	Riya jaiswal	B.Sc.II Year	Keshav prasad mishra rajkiy mahila Mahavidyalaya	12
8/18/2021 12:52:38	sarita63mzp@gmail.com	Sarita	B.Sc.II Year	keshav prasad mishra rajkiya mahila mahavidyalaya	08
8/18/2021 12:53:50	ranjanajaiswal415@gmail	Riya jaiswal	B.Sc.II Year	Keshav prasad mishra rajkiy mahila Mahavidyalaya	12
8/18/2021 13:09:46	chhavip221314@gmail.cc	Sapana sonkar	B.Sc.II Year	K.p.r.m.m.v	005
8/18/2021 13:20:06	ranjanajaiswal415@gmail	Riya jaiswal	B.Sc.II Year	Keshav prasad mishra rajkiy mahila Mahavidyalaya	12
8/18/2021 14:35:09	Ankitapandey7525@gma	Ankita pandey	B.Sc.II Year	Kashi naresh Govt. P.G. college gyanpur	30121040017
8/18/2021 17:58:32	sudevimajumdar@gmail.c	SUDEVI MAJUMDAR	B.Sc.II Year	Kashi Naresh Govt P .G. College	197.3012104
8/18/2021 18:01:53	sudevimajumdar@gmail.c	SUDEVI MAJUMDAR	B.Sc.II Year	Kashi Naresh Govt.P.G. College	197 .30121040140
8/18/2021 18:33:20	dubeymanshi08@gmail.c	Manshi dubey	B.Sc.II Year	Keshav Prasad Rajkiya mahila Mahavidyalaya	10
8/18/2021 18:34:12	dubeymanshi08@gmail.c	Manshi dubey	B.Sc.II Year	Keshav Prasad Rajkiya mahila Mahavidyalaya	10
8/18/2021 18:37:05	dubeymanshi08@gmail.c	Manshi dubey	B.Sc.II Year	Keshav Prasad Rajkiya mahila Mahavidyalaya	11

Inheritance Pattern in Phytology

RST.11-12.1

Score

1. The picture is of

- (A) acrocentric chromosome
- (B) metacentric chromosome
- (C) sub-metacentric chromosome
- (D) telocentric chromosome



2. Monohybrid test cross ratio is

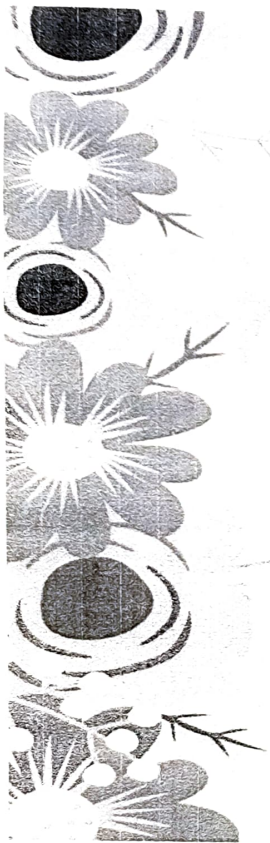
- (A) 3:1
- (B) 2:1
- (C) 1:1
- (D) 9:3:3:1

3. The geometrical device that helps to find out all the possible combinations of male and female gametes is called

- (A) Bateson square
- (B) Mendel Square
- (C) Punnet Square
- (D) Morgan Square

4. If a plant with genotype AaBb is self fertilized, the chances of getting AABB genotype will be (A and B are not linked)

- (A) $1/2$
- (B) $1/4$
- (C) $1/8$
- (D) $1/16$



Department of Botany

Kashi Naresh Government PG College, Gyanpur, Bhadohi
Uttar Pradesh-221304



CERTIFICATE OF PARTICIPATION

This Certificate is presented to

Manshi Baranwal

B.Sc.II Year

Keshav Prasad Mishra Rajkiya Mahila Mahavidyalya Aurai, Bhadohi

For participation in the “ **Seven Days Online Certificate Course**” on “ **Inheritance Pattern in Phytology**” organized by the Department of Botany, Kashi Naresh Government PG College, Gyanpur, Bhadohi from 17th August to 23th August 2021 and also successfully passed the online examination held on 25th August 2021.

Dr. Rashmi Singh and Dr. Shefali Singh
Course Co-ordinators

Dr. P. N. Dongre
Principal

PRINCIPAL
K.N. Govt. P.G. College
Gyanpur (Bhadohi)-221304