2021 – 2022

COMMISSIONERATE OF COLLEGIATE EDUCATION, T.S.

PROFORMA FOR TEACHING PLAN

1	NAME OF THE DEPARTMENT / SUBJECT	Botany
2	NAME OF THE LECTURER	K. Shivarani
3.	COURSE / GROUP	BZC III Year
4	NAME OF THE TOPIC	Special chromosomes
5	Hours Required	1 hour
6	Learning Objects	
7.	Previous knowledge to be reminded	Yes
8.	Topic Synopsis (Continue on the reverse side if needed)	Special chromosomes. =) The chromosomes in Certain organisms particularly in the special cells the chromosomes are structurally different from the normal chromosomes These are Three types 1. Salivary gland chromosomes 2. Lampbrush chromosomes 3. B chromosomes.
9	Examples / illustrations	
10	Additional Inputs	Preparation of Models for spl. chromosomes
11	Teaching Aids used	charts, Black board & Chalks
12	References cited	Telugu Academy.
13	Student activity planned after the teaching	Draw the neat diagrams
14	Activity planned outside the Class Room, if any	Preparation of Models.
15	Any other activity	

Signature of the Lecturer

Signature of the Head of the Department

Principal
G.D.C. (W) Degree College
MIRYALGUDA

2021

COMMISSIONERATE OF COLLEGIATE EDUCATION, T.S.

PROFORMA FOR TEACHING PLAN

1	NAME OF THE DEPARTMENT / SUBJECT	Botany
2	NAME OF THE LECTURER	K. Shivagami
3	COURSE / GROUP	B.Sc III Year
4	NAME OF THE TOPIC	Nucleic acids
5	Hours Required	1 hour
6	Learning Objects	
7	Previous knowledge to be reminded	Yes
8	Topic Synopsis (Continue on the reverse side if needed)	Nucleic Acids - The chromosomes are made up of two types of macro molecules 1- Protains 2. Nucleic acids. * DNA and RNA ⇒ DNA is made up of a chain of nucleotides that function in the Storage and transfer of genetic information - They are major components of cells - DNA is found in Nucleus - RNA is found in Cytoplasm
9	Examples / illustrations	
10	Additional Inputs	Preparation of DNA & RNA models
11	Teaching Aids used	Black board, chalks & Charts
12	References cited	Telugu Academy.
13	Student activity planned after the teaching	Draw the neat diagrams
14	Activity planned outside the Class Room, if any	What is difference b/w DNA & RNA give examples
15	Any other activity	

Signature of the Lecturer

Signature of the Head of the Department

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COMMISSIONERATE OF COLLEGIATE EDUCATION, T.S.

PROFORMA FOR TEACHING PLAN

1	NAME OF THE DEPARTMENT / SUBJECT	Botany
2	NAME OF THE LECTURER	K. Shivarani
3	COURSE / GROUP	B.Sc II Year
4	NAME OF THE TOPIC	Complex tissues
5	Hours Required	1 hour
6	Learning Objects	
7	Previous knowledge to be reminded	Yes
8.	Topic Synopsis (Continue on the reverse side if needed)	Complex Tissues In this type different cells performs different functions in only one system. These are 2 types 1. xylem 2. phloem Xylem: plants developed xylem for conduction of wates phloem:- phloem for conduction of Nutrients.
9	Examples / illustrations	
10	Additional Inputs	Steales system
11	Teaching Aids used	Black board, chalks, charts
12	References cited	Telugu Academy
13	Student activity planned after the teaching	Draw the neat diagrams.
14	Activity planned outside the Class Room, if any	Components of xylem & phloem prepared
15	Any other activity	

Signature of the Lecturer

Signature of the Head of the Department