


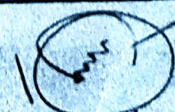
2021 - 2022

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)	<p>Special Chromosomes.</p> <p>=> The chromosomes in certain organisms particularly in ^{some} special cells the chromosomes are structurally different from the normal chromosomes.</p> <p>These are three types</p> <ol style="list-style-type: none"> 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
MIRYALGUDA


2021



COMMISSIONERATE OF COLLEGIATE EDUCATION, T.S.
PROFORMA FOR TEACHING PLAN

1	NAME OF THE DEPARTMENT / SUBJECT	Biology
2	NAME OF THE LECTURER	K. Shivasani
3	COURSE / GROUP	BZC 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)	<p>Nucleic Acids</p> <ul style="list-style-type: none"> - The chromosomes are made up of two types of macromolecules 1- proteins 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 given one examples
15	Any other activity	


 Signature of the Lecturer


 Signature of the Head of the Department

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. Shivalani
3	COURSE / GROUP	B.ZC 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)	<p>Complex Tissues</p> <p>In this type different cells performs different functions in only one system.</p> <p>These are 2 types</p> <ol style="list-style-type: none"> 1. Xylem 2. Phloem <p>Xylem: plants developed xylem for conduction of water</p> <p>Phloem: phloem for conduction of nutrients.</p>
9	Examples / illustrations	
10	Additional Inputs	Stealer system
11	Teaching Aids used	Black board, chalks, charts
12	References cited	Teluge 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