

Teaching/Lesson Plan : uttam kumar Maji (2016-2017)

<u>Paper</u>	<u>Topic</u>	<u>Year</u>	<u>Pass/ Hons.</u>	<u>Topic contents</u>	<u>Duration of teaching</u>	<u>No. of class</u>	<u>Teaching methods</u>	<u>Reference books</u>
I	<u>Section -1</u> <u>1.Bacteria</u>	<u>1<sup>st</sup>.</u>	<u>Pass</u>	Forms— Economic importance.	<u>12<sup>th</sup>. Jul-</u> <u>23<sup>rd</sup>. Aug.</u>	<u>10 L.</u>	<u>Lecture.</u>	<u>Studies in Botany</u> <u>Mitra, Guha, Choudhury.</u>
	<u>2.Virus</u>			General properties-Lysogenic cycle in lambda phase.	<u>24th.- Aug.-19Sept.</u>	<u>10L.</u>	<u>Do</u>	<u>College Botany</u> <u>Gangulee &amp; Kar.</u>
	<u>3.Algae</u>			Classification-Economic importance.	<u>20 Sept.-16<sup>th</sup>.Nov.</u>	<u>10L.</u>	<u>Do</u>	<u>Do</u>
	<u>4.Fungi</u>			Classification-Economic importance.	<u>28th.Nov.-20<sup>th</sup>. Dec.</u>	<u>10L.</u>	<u>Do</u>	<u>Do</u>
	<u>5.Plant pathology</u>			Definition-Bacterial blight of rice.	<u>21st.Dec.-18th.Jan.</u>	<u>10L</u>	<u>Lecture and demonstration</u>	<u>Do</u>

<u>Paper</u>	<u>Topic</u>	<u>Year</u>	<u>Pass/ Hons.</u>	<u>Topic contents</u>	<u>Duration of teaching</u>	<u>No. of class</u>	<u>Teaching methods</u>	<u>Reference books</u>
II.	<u>Section-II</u> <u>Cell biology &amp; genetics.</u>	<u>II</u>	<u>Pass</u>	Cell cycle-Linkage and crossing over.	<u>9<sup>th</sup>.Aug.-30<sup>th</sup>.Aug.</u>	<u>20L</u>	<u>Lecture and Discussion</u>	<u>Studies in Botany</u> <u>Mitra, Guha, Choudhury.</u>
	Chromosome – Genetic code.			<u>31th.Aug.- 3<sup>rd</sup>.Octo.</u>	<u>Do</u>		<u>College Botany</u> <u>Gangulee &amp; Kar</u>	
	<u>Section –III</u> <u>Plant physiology</u>			Enzymes-Photoperiodism	<u>4<sup>th</sup>.Octo.-14<sup>th</sup>. Dec.</u>	<u>15 L</u>		<u>Do</u>
<u>Biochemistry</u>	Carbohydrate- Fat	<u>19<sup>th</sup>.Dec .- 16<sup>th</sup>. Jan.</u>	<u>10L</u>	<u>Do</u>				

Teaching/Lesson plan: Uttam kumar Maji (2016-2017)

<u>Paper</u>	<u>Topic</u>	<u>Year</u>	<u>Pass/Hons.</u>	<u>Topic contents</u>	<u>Duration of teaching</u>	<u>No. of class</u>	<u>Teaching methods</u>	<u>Reference books</u>
<u>III</u>	<u>Practical Units:</u>	<u>II</u>	<u>Pass</u>	Work out-Family identification of Angiospermic plants.	<u>9<sup>th</sup> Aug.-4<sup>th</sup>.Octo.</u>	<u>8L</u>	<u>Demonstration and Discussion</u>	<u>Focas on college practical botany- Dr.P. Maji.</u>
				Plant physiology Expt.	<u>1st.Nov.-6<sup>th</sup>.Dec.</u>	<u>4L</u>	<u>Do</u>	<u>Do</u>
				Workout-Anatomy	<u>20<sup>th</sup> Dec.-31<sup>st</sup>.Jan.</u>	<u>6L</u>	<u>Do</u>	<u>Do</u>
				Workout- mitotic quash preparation.	<u>7th.Feb.-14<sup>th</sup> Feb.</u>	<u>2L</u>	<u>Do</u>	<u>Do</u>
				Identification- Macroscopic- Microscopic.	<u>21st.Feb.- 14th.Mar.</u>	<u>4L</u>	<u>Do</u>	<u>Do</u>
				Field excursion for Herbarium specimens	<u>21st.Mar.</u>	<u>1L</u>	<u>Do</u>	<u>Self.</u>