



**Department of Zoology**

**Notice**

Dated: 20.09.2020

Students of semester III Hons & V Hons (Under Graduate) are hereby instructed to follow the under mentioned schedule to get the official information of their Video conferencing classes (CC & DSE) during the period of lock down due to pandemic of COVID19.

**Tentative Schedule of Video Conferencing Classes Phase -II for Semester-III -HONS & Semester-V HONS (UG)**

Serial No.	Date	Semester	Paper	Start Time	Topics to be covered	Teacher's Name
1.	21-09-2020	III	C5T	11 a.m.	Aves: Exoskeleton	Dr. Ranajit Kumar Khalia
2.	21-09-2020	III	C7T	10 a.m.	Lipid Structure & Significance	Dr. Poulami Adhikary Mukherjee
3.	21-09-2020	V	C12T	4 p.m.	Linkage: Definition & Types	Dr. Ranajit Kumar Khalia
4.	21-09-2020	V	C11T	5 p.m.	The different steps of Transcription in Prokaryotes I	Dr. Poulami Adhikary Mukherjee
5.	22-09-2020	V	DSE-2	10 a.m.	Nuclear material, Bacterial Chromosome (Fundamental differences with eukaryotic chromosome). Reserve materials (carbon and phosphate reserve, cyanophycin).	Prof. Suman Kalyan Khanra
6.	22-09-2020	III	C7T	10 a.m.	Physiologically important saturated fatty acids	Dr. Poulami Adhikary Mukherjee
7.	22-09-2020	III	C5T	11 a.m.	Aves: Migration	Dr. Ranajit Kumar Khalia
8.	22-09-2020	III	C6T	2 p.m.	Histology of different types of muscle; Ultra structure of skeletal muscle	Prof. Suman Kalyan Khanra
9.	22-09-2020	V	C12T	4 p.m.	Crossing over	Dr. Ranajit Kumar Khalia
10.	22-09-2020	V	C11T	5 p.m.	The different steps of Transcription in Prokaryotes II	Dr. Poulami Adhikary Mukherjee
11.	23-09-2020	V	DSE-2	10 a.m.	Cytoplasmic inclusions (Chlorosome, magnetosome, carboxysome, gas vesicles, ribosome). Structural organization of viruses, Prions and viroids	Prof. Suman Kalyan Khanra
12.	23-09-2020	III	C5T	11 a.m.	Mammals: Characters & Classification	Dr. Ranajit Kumar Khalia
13.	23-09-2020	III	C6T	2 p.m.	Molecular and chemical basis of muscle contraction; Characteristics of muscle fibre	Prof. Suman Kalyan Khanra
14.	23-09-2020	V	C12T	4 p.m.	Linkage Map	Dr. Ranajit Kumar Khalia
15.	24-09-2020	V	DSE-2	10 a.m.	Distribution of normal flora in the body: Skin, eye, mouth, intestinal tract, urino-genital tract,	Prof. Suman Kalyan Khanra

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					<i>Beneficial functions of normal flora. Harmful effects of normal flora</i>	
16.	24-09-2020	III	C5T	11 a.m.	<i>Mammals: Prototheria</i>	<i>Dr. Ranajit Kumar Khaliua</i>
17.	24-09-2020	III	C6T	2 p.m.	<i>Histology of testis and ovary Physiology of Reproduction</i>	<i>Prof. Suman Kalyan Khanra</i>
18.	24-09-2020	V	DSE-1	4 p.m.	<i>Aquaculture: Definition, Types &amp; Outline Knowledge</i>	<i>Dr. Ranajit Kumar Khaliua</i>
19.	24-09-2020	III	C7T	4 p.m.	<i>Physiologically important unsaturated fatty acids</i>	<i>Dr. Poulami Adhikary Mukherjee</i>
20.	24-09-2020	V	C11T	5 p.m.	<i>The different Transcription Factors</i>	<i>Dr. Poulami Adhikary Mukherjee</i>
21.	25-09-2020	V	DSE-2	10 a.m.	<i>Bacterial pathogenesis: Entry to the host, Adherence to host cells, Invasiveness, Bacterial toxins Exotoxins, Endotoxins, Antigenic switching.</i>	<i>Prof. Suman Kalyan Khanra</i>
22.	25-09-2020	III	C5T	11 a.m.	<i>Mammals: Adaptive Radiation</i>	<i>Dr. Ranajit Kumar Khaliua</i>
23.	25-09-2020	V	C11T	11 a.m.	<i>Aminoacyl tRNA synthetases</i>	<i>Dr. Poulami Adhikary Mukherjee</i>
24.	25-09-2020	III	C6T	2 p.m.	<i>Histology and function of pituitary, thyroid, pancreas and adrenal</i>	<i>Prof. Suman Kalyan Khanra</i>
25.	25-09-2020	V	DSE-1	4 p.m.	<i>Induced Breeding</i>	<i>Dr. Ranajit Kumar Khaliua</i>
26.	25-09-2020	III	C7T	4 p.m.	<i>Lipid metabolism: <math>\beta</math>-oxidation of fatty acids</i>	<i>Dr. Poulami Adhikary Mukherjee</i>
27.	26-09-2020	V	DSE-2	10 a.m.	<i>Viral Pathogenesis: Cellular level (Cell death, Transformation, Cell fusion, Cytopathic effect)</i>	<i>Prof. Suman Kalyan Khanra</i>
28.	26-09-2020	III	C5T	11 a.m.	<i>Mammals: Ecolocation</i>	<i>Dr. Ranajit Kumar Khaliua</i>
29.	26-09-2020	V	C11T	11 a.m.	<i>Charging of tRNA</i>	<i>Dr. Poulami Adhikary Mukherjee</i>
30.	26-09-2020	III	C6T	2 p.m.	<i>Classification of hormones; Mechanism of Hormone action</i>	<i>Prof. Suman Kalyan Khanra</i>
31.	26-09-2020	V	DSE-1	4 p.m.	<i>Fish Disease</i>	<i>Dr. Ranajit Kumar Khaliua</i>
32.	26-09-2020	III	C7T	4 p.m.	<i>Fatty acid Biosynthesis</i>	<i>Dr. Poulami Adhikary Mukherjee</i>

Sd/ Dr. Anupam Parua  
Principal

Sd/ Dr. Ranajit Kumar Khaliua  
HOD, Dept. of Zoology

\* Alteration of the schedule may be necessitated for bad weather condition and such other factors causing problems and disturbances in network connectivity or for any other reason. In case of any such alteration, the students will be notified the changed schedule via concerned WhatsApp group.