

SRIGAYATRI EDUCATIONAL INSTITUTIONS

INDIA

INCOMING JR BIPC TEACHING SCHEDULE 2020-21

DAY	DATE	BOTANY	ZOOLOGY	PHYSICS	CHEMISTRY
1	06-07-2020 (Monday)	Morphology of flowering plants: The root: General characters to Regions of the root	DIVERSITY IN LIVING WORLD: Characters of living organisms	MOTION IN A STRAIGHT LINE: Introduction, rest and motion, distance, displacement	Atomic structure introduction
2	07-07-2020 (Tuesday)	Root modifications: Storage roots, stilt roots, prop roots, pneumatophores, velamen roots	Characters of living organisms	Speed, Velocity, Average velocity, Average speed & Applications	Discovery of fundamental particles and properties
3	08-07-2020 (Wednesday)	Nodular roots, photosynthetic roots, Haustorial roots, nodulose, moniliform, climbing and annulated roots	Branches of Zoology	Instantaneous velocity & Instantaneous speed, Acceleration (Uniform & Non-uniform)	specific charge of particles apart from fundamental particles Level-1: Objective
4	09-07-2020 (Thursday)	The stem: General characters to underground stem modifications	Levels and hierarchy upto 3 domain classification	Objective Use the reference of NDL	Models of an atom J.J Thomson, gold leaf alpha ray expt. Rutherford's model
5	10-07-2020 (Friday)	sub-aerial stem modifications	Levels and hierarchy remaining Species concept	Objective Use the reference of NDL	Defects of Rutherford models and teachers own questions as activity
	11-07-2020 (Saturday)	COUNSELLING CLASSES			
	12-07-2020	SUNDAY			
6	13-07-2020 (Monday)	Aerial stem modifications	Kingdom Animalia Classification	S-t, V-t, a-t, v-h graphs and its applications	Electromagnetic radiation and measurable characteristics of it.
7	14-07-2020 (Tuesday)	The leaf: structure of leaf to venation	Kingdom Animalia Classification	Kinematic equations for uniform accelerated motion	Problems on EMR Level-1: Objective
8	15-07-2020 (Wednesday)	Types of leaves	BIODIVERSITY AND CONSERVATION : (NCERT BOOK CONTENT HAS TO BE COVERED) Concept of Biodiversity: Levels of Biodiversity	Objective Use the reference of NDL	Max Planck's Quantum theory, Black body radiation
9	16-07-2020 (Thursday)	phyllotaxy	OTHER ATTRIBUTES OF BIO-DIVERSITY	Freely falling body and its Applications	Photoelectric effect
10	17-07-2020 (Friday)	Leaf modifications	Species on Earth and India, Importance of Species Diversity to the Ecosystem, Loss of Biodiversity,	Objective Use the reference of NDL	Problems on photoelectric effect Level-1: Objective

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	18-07-2020 (Saturday)	COUNSELLING CLASSES/ PREPARATION			
	19-07-2020	WT-01-NEET MODEL EXAM :: SYLLABUS: 06-07-2020 TO 17-07-2020 PS: HYD HB			
11	20-07-2020 (Monday)	Leaf modifications	Threats to biodiversity	Vertical projection of a body from the ground	Bohr's model of an atom, hydrogen spectrum
12	21-07-2020 (Tuesday)	The inflorescence: Racemose with pedicellate flowers	Threats to biodiversity	Applications of Vertical projection	Merits and demerits of Bohr's model
13	22-07-2020 (Wednesday)	The inflorescence: Racemose with pedicellate flowers	BIODIVERSITY CONSERVATION : In situ conservation,	Vertical projection from the top of a tower	Energy of electron in Bohr's orbit and radius of the orbits
14	23-07-2020 (Thursday)	Racemose with sessile flowers	Ex situ conservation, Hot spots, Threatened species	Objective Use the reference of NDL	Problems on Energy, Radius, of Hydrogen and hydrogen like species.
15	24-07-2020 (Friday)	Racemose with sessile flowers	<u>STRUCTURAL ORGANIZATION IN ANIMALS :</u> <u>ANIMAL TISSUES:</u> Epithelial Tissues - Covering epithelia upto Squamous	Objective Use the reference of NDL	Level-1: Objective
	25-07-2020 (Saturday)	COUNSELLING CLASSES/ PREPARATION			
	26-07-2020	WT-02-NEET MODEL EXAM :: SYLLABUS: 13-07-2020 TO 24-07-2020 PS: HYD CN			
16	27-07-2020 (Monday)	Cymose inflorescence	Cuboidal, Columnar, Stratified, Transitional, Pseudostratified	Motion in a Plane : VECTORS : Scalar, vector, representation of vector, Types of vectors - Null vector, Unit vector, position vector, etc.	Dual nature of electron. De-Broglie wave equation explanation $mvr = nh/2$
17	28-07-2020 (Tuesday)	Special type of inflorescences	Glandular Epithelia (including classification of glands based on structure)	Additions and subtraction of vectors and Applications	Problems on de Broglie
18	29-07-2020 (Wednesday)	The flower: Parts of flower, symmetry	Functions of Epithelial tissue, Special Facts and Features	Resolution of vectors and its Applications & Objective	Heisenberg's uncertainty principle and its significance
19	30-07-2020 (Thursday)	Types of flowers based on position of Gynoecium on thalamus	CONNECTIVE TISSUES: Areolar,	Triangle law of vectors, polygon law of vectors and its Applications	Problems on Heisenberg's uncertainty Principle
20	31-07-2020 (Friday)	Calyx, Corolla, Aestivation	Adipose	Objective Use the reference of NDL	Level-1: Objective
	01-08-2020 (Saturday)	COUNSELLING CLASSES/ PREPARATION			

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	02-08-2020	WT-03-NEET MODEL EXAM :: SYLLABUS: 20-07-2020 TO 31-07-2020 PS: HYD KKP			
	03-08-2020 (Monday)	RAKSHA BANDHAN			
21	04-08-2020 (Tuesday)	Androecium	Dense, White fibrous, Tendons, Yellow elastic, Ligament, Reticular, Mucoïd,	Parallelogram law of vectors	Quantum Numbers in detail
22	05-08-2020 (Wednesday)	Androecium	SKELETAL TISSUE: Cartilage	Applications of Parallelogram law of vectors	Quantum Numbers in detail
23	06-08-2020 (Thursday)	Gynoecium	Bone- introduction and types based on method of formation, shape	Objective Use the reference of NDL	Applications on Quantum Numbers Level-1: Objective
24	07-08-2020 (Friday)	Fruits: parthenocarpic fruit, false fruit, true fruits, fleshy fruits-Berry, Drupe	Types of bone based on the structure	Relative velocity 1D and 2D	Rules for writing electronic configuration Level-1: Objective
	08-08-2020 (Saturday)	COUNSELLING CLASSES/ PREPARATION			
	09-08-2020	WT-04-NEET MODEL EXAM :: SYLLABUS: 27-07-2020 TO 07-08-2020 PS: HYD ECIL			
25	10-08-2020 (Monday)	Fleshy fruits: Pome, pepo, hesperidium	FLUID TISSUES: Blood	River-boat and its Applications	Schrodinger wave equation and its importance
26	11-08-2020 (Tuesday)	Dry fruits: Dry dehiscent fruits	Blood, Lymph	Closest distance of approach related problems	Significance of ψ and ψ^2
27	12-08-2020 (Wednesday)	Dry indehiscent fruits	MUSCULAR TISSUE: Straited muscles, Non-stratited muscles	Objective Use the reference of NDL	Radial propbability distribution curves and how to interprit the graph
28	13-08-2020 (Thursday)	Schizocarpic fruits, compound fruits	Cardiac muscles,	Rain umbrella and its Applications	Objective
29	14-08-2020 (Friday)	Edible part of some fruits. The seeds	structure of multipolar neuron	Objective Use the reference of NDL	Electronic configuration of various elements and exceptional configurations.
	15-08-2020 (Saturday)	INDEPENDENCE DAY			
	16-08-2020	WT-05-NEET MODEL EXAM :: SYLLABUS: 04-08-2020 TO 14-08-2020 PS: HYD-KPHB			
30	17-08-2020 (Monday)	Taxonomy of angiosperm: Introduction to natural system of classification	NERVOUS TISSUE: Neuron types, Functions	Oblique projectile motion : time of flight, maximum height	Exchange energy concept to explain the stability of electronic configuration
31	18-08-2020 (Tuesday)	Bentham and Hooker classification, phylogenetic system and other types of taxonomy	NERVOUS TISSUE: Neuron types, Functions	Range and its Applications	Magnetic moment of various atoms and ions

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32	19-08-2020 (Wednesday)	Semi-technical description of a typical flowering plant, floral diagram	INTEGUMENTARY SYSTEM: Skin	Objective Use the reference of NDL	Electronic configuration of various ions
33	20-08-2020 (Thursday)	Brassicaceae	Soft skin derivatives,	Objective Use the reference of NDL	Objective Level-2:
34	21-08-2020 (Friday)	Fabaceae	Hard skin derivatives	Horizontal projectile & its parameters	Objective Level-2 :
	22-08-2020 (Saturday)	GANESH CHATURTHI			
	23-08-2020	WT-06-NEET MODEL EXAM :: SYLLABUS: 10-08-2020 TO 21-08-2020 PS: HYD-CHT			
35	24-08-2020 (Monday)	Solanaceae	BIOLOGY IN HUMAN WELFARE: Parasitism and parasitic adaptations upto vectors	Applications & Objective Use the reference of NDL	Objective Integer Numerical type questions : 1 to 20
36	25-08-2020 (Tuesday)	Liliaceae	Parasitic adaptations, effects of parasites on hosts,	Objective Use the reference of NDL	objective
37	26-08-2020 (Wednesday)	Modes of reproduction: Reproduction and its types	health and disease	CIRCULAR MOTION: Angular displacement, angular velocity, relation between them, angular acceleration	NEET (PREVIOUS QUESTIONS)
38	27-08-2020 (Thursday)	Asexual reproduction in bacteria and yeast	Life cycle of Entamoeba histolytica - Structure	Equation of circular motion	Objective
39	28-08-2020 (Friday)	Asexual reproduction in fungi, bryophytes,	Life cycle of Entamoeba histolytica - Life cycle	uniform and non uniform circulation motion	Revision
	29-08-2020 (Saturday)	COUNSELLING CLASSES/ PREPARATION			
	30-08-2020	WT-07-NEET MODEL EXAM :: SYLLABUS: 17-08-2020 TO 28-08-2020 PS: HYD-VPG			
40	31-08-2020 (Monday)	Asexual reproduction in pteridophytes and higher plants	Life cycle of Plasmodium vivax (Human phase) up to pre patent period	Objective Use the reference of NDL	Revision

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