

LECTURE PLAN FOR NEET_BIOLOGY (2021)						
S.No.	Chapter Name	Topic Name	Lecture No.	Subject	Lecture Date	Date of completion
1	Structural Organisation in Animals	Animal tissue (epithelial tissue)	1	Zoology	10-May-21	22-May-21
2		Animal tissue (epithelial tissue)	1		11-May-21	
3		Animal tissue (connective tissue)	1		13-May-21	
4		Animal tissue (connective tissue)	1		15-May-21	
5		Animal tissue (muscular tissue)	1		17-May-21	
6		Animal tissue (neural tissue)	1		18-May-21	
7		Cockroach-i	1		20-May-21	
8		Cockroach-ii	1		21-May-21	
9		Cockroach-iii	1		22-May-21	
10	Cell Unit of Life	Overview of cell, cell theory	1	Botany	24-May-21	17-Jun-21
11		Eukaryotic cell, plasmambrane-1	1		25-May-21	
12		plasmambrane	1		27-May-21	
13		plasmambrane	1		28-May-21	
14		Transport across plasma membrane	1		31-May-21	
15		Transport across plasma membrane	1		01-Jun-21	
16		Ramachandran & Cell wall	1		03-Jun-21	
17		Plasmodesmata, Pits, Ribosome and Mitochondria	1		04-Jun-21	
18		Mitochondria and Plastid	1		05-Jun-21	
19		Plastid	1		06-Jun-21	
20		Endosymbionts in Cell, Endomembrane System	1		07-Jun-21	
21		Functions of Endoplasmic Reticulum, Golgi Body	1		08-Jun-21	
22		lysosome, vacuole	1		10-Jun-21	
23		microbodies	1		11-Jun-21	
24		cytoskeleton	1		12-Jun-21	
25		nucleus	1		13-Jun-21	
26		chromosome	1		14-Jun-21	
27		prokaryotic cell part 1	1		15-Jun-21	
28		prokaryotic cell part 2	1		17-Jun-21	
29	Digestion and Absorption	Digestive system (alimentary canal)-i	1	Zoology	18-Jun-21	28-Jun-21
30		Digestive system (alimentary canal)-ii	1		21-Jun-21	
31		Digestive glands-i	1		22-Jun-21	
32		Digestive glands-ii	1		24-Jun-21	
33		Digestion of food, absorption of food and disorders	1		25-Jun-21	
34		Hormonal Control and Disorder	1		28-Jun-21	
35	Cell cycle	Introduction to cell cycle & cell division	1	Botany	29-Jun-21	06-Jul-21
36		interphase	1		01-Jul-21	
37		mitosis	1		02-Jul-21	
38		Cytokinesis	1		03-Jul-21	
39		Meiosis - 1	1		05-Jul-21	
40		Meiosis - 2	1		06-Jul-21	
41	Breathing and Exchange of Gases	Introduction & respiratory organs	1	Zoology	08-Jul-21	15-Jul-21
42		Human respiratory system	1		09-Jul-21	
43		Mechanism of breathing and respiratory volumes & capacities	1		12-Jul-21	
44		Exchange of gases and transport of oxygen	1		13-Jul-21	
45		Transport of CO ₂ , regulation of respiration and disorders	1		15-Jul-21	
46	Living world	What is living, characteristics of living beings	1	Botany	16-Jul-21	20-Jul-21
47		diversity in living world, Nomenclature, taxonomy, systematics	1		17-Jul-21	
48		taxonomic categories	1		19-Jul-21	
49		taxonomical aids	1		20-Jul-21	
50	Body Fluids and Circulation	Blood (formed elements and plasma)	1	Zoology	22-Jul-21	30-Jul-21
51		Blood groups, coagulation of blood and lymph	1		23-Jul-21	
52		Human circulatory system-i	1		24-Jul-21	
53		Human circulatory system-ii	1		26-Jul-21	
54		Cardiac cycle and ECG	1		27-Jul-21	
55		Double circulation, portal circulation, coronary circulation and blood vessels	1		29-Jul-21	
56		Regulation of cardiac activity and disorders	1		30-Jul-21	

57	Biological classification	Kingdom classification systems	1	Botany	02-Aug-21	19-Aug-21
58		Monera -Characters of Monera, shapes of bacteria, importance of bacteria	1		03-Aug-21	
59		Bacterial respiration, nutrition, reproduction	1		05-Aug-21	
60		Archaeobacteria, mycoplasma, cyanobacteria	1		06-Aug-21	
61		Protista -General characters, chrysophytes,	1		09-Aug-21	
62		Slime moulds, protozoans	1		10-Aug-21	
63		Fungi - General features, structural organization of fungi,	1		12-Aug-21	
64		reproduction in fungi Phycomycetes	1		13-Aug-21	
65		ascomycetes, basidiomycetes, deuteromycetes	1		16-Aug-21	
66		Virus- Discovery of virus, structure of virus, TMV, bacteriophage	1		17-Aug-21	
67		Viroid, prions, lichen, mycorrhiza	1		19-Aug-21	
68	Excretory Products and Their Elimination	Introduction & human excretory system (upto anatomy of kidney)	1	Zoology	20-Aug-21	02-Sep-21
69		Nephron structure	1		24-Aug-21	
70		Mechanism of urine formation	1		26-Aug-21	
71		Functions of the tubules and mechanism of concentration of the filtrate	1		27-Aug-21	
72		Regulation of kidney function	1		31-Aug-21	
73		Micturition, role of other organs in excretion and disorders	1		02-Sep-21	
74	Plant kingdom	Classification systems, taxonomy	1	Botany	03-Sep-21	16-Sep-21
75		Algae- features, classification of algae, importance of algae	1		06-Sep-21	
76		Bryophytes - features, liverworts, mosses, Importance of bryophytes	1		07-Sep-21	
77		Pteridophytes- features, classification	1		09-Sep-21	
78		Gymnosperms	1		10-Sep-21	
79		Angiosperms- life cycle	1		13-Sep-21	
80		Life cycles and alteration of generation in plants	1		14-Sep-21	
81	Locomotion and Movement	Types of movement and muscle	1	Zoology	16-Sep-21	23-Sep-21
82		Structure of contractile proteins and muscle contraction	1		17-Sep-21	
83		Skeletal system-i (axial skeleton)	1		20-Sep-21	
84		Skeletal system-ii (appendicular skeleton)	1		21-Sep-21	
85		Joints and disorders	1		23-Sep-21	
86	Morphology of flowering plants	Root	1	Botany	24-Sep-21	04-Oct-21
87		Stem	1		25-Sep-21	
88		Leaf	1		27-Sep-21	
89		Flowers	1		28-Sep-21	
90		Inflorescence, Fruits, seeds	1		30-Sep-21	
91		Technical description of a typical flowering plant	1		01-Oct-21	
92		Description of some important families	1		04-Oct-21	
93	Neural Control and Coordination	Neural system, human neural system	1	Zoology	05-Oct-21	23-Oct-21
94		Neuron and types of neuron	1		07-Oct-21	
95		Generation of nerve impulse	1		08-Oct-21	
96		Conduction of nerve impulse and synapse	1		11-Oct-21	
97		Central neural system-i (brain)	1		12-Oct-21	
98		Central neural system-ii (spinal cord)	1		14-Oct-21	
99		Reflex action, ans, cranial and spinal nerves	1		18-Oct-21	
100		Eye-i	1		21-Oct-21	
101		Eye-ii & ear-i	1		22-Oct-21	
102		Ear-ii	1		23-Oct-21	

103	Plant anatomy	Tissue, meristem	1	Botany	26-Oct-21	08-Nov-21
104		Simple permanent tissue	1		28-Oct-21	
105		Complex permanent tissue	1		29-Oct-21	
106		Tissue systems	1		30-Oct-21	
107		TS of root, stem, leaf	1		01-Nov-21	
108		Secondary growth in dicot stem	1		02-Nov-21	
109		Secondary growth in dicot root	1		08-Nov-21	
110	Chemical Coordination and Integration	Introduction, hypothalamus	1	Zoology	09-Nov-21	18-Nov-21
111		Pituitary	1		11-Nov-21	
112		Thyroid, parathyroid and thymus	1		12-Nov-21	
113		Adrenal, pancreas	1		15-Nov-21	
114		Pineal, testis and ovary	1		16-Nov-21	
115		Hormones of heart, kidney and git & mechanism of hormone action	1		18-Nov-21	
116	Transport in plants	Significance of water in plants, diffusion, facilitated diffusion, active transport	1	Botany	20-Nov-21	02-Dec-21
117		Osmosis, OP,	1		22-Nov-21	
118		TP, WP, DPD, Water potential	1		23-Nov-21	
119		Imbibition, plasmolysis transpiration	1		25-Nov-21	
120		Potassium malate pump theory	1		26-Nov-21	
121		Root pressure, Guttation, Translocation of mineral ions	1		29-Nov-21	
122		Ascent of sap	1		30-Nov-21	
123		mass flow hypothesis	1		02-Dec-21	
124	Animal Kingdom	Kingdom animalia- basis of classification	1	Zoology	03-Dec-21	14-Dec-21
125		Phylum-porifera and coelenterata	1		06-Dec-21	
126		Phylum- ctenophora, platyhelminthes and aschelminthes	1		07-Dec-21	
127		Phylum- annelida and arthropoda	1		09-Dec-21	
128		Phylum- mollusca, echinodermata and hemichordata	1		10-Dec-21	
129		Phylum- phylum-chordata (upto protochordates)	1		11-Dec-21	
130		Subphylum-vertebrata (cyclostomata and pisces)	1		13-Dec-21	
131		Subphylum-vertebrata (amphibia, reptiles, aves and mammals)	1		14-Dec-21	
132	Mineral nutrition	Hydroponics, essential elements	1	Botany	16-Dec-21	20-Dec-21
133		functional roles of nutrients, mineral deficiency symptoms,	1		17-Dec-21	
134		Toxicity of micronutrients, absorption of minerals	1		18-Dec-21	
135		Nitrogen cycle, biological nitrogen fixation	1		20-Dec-21	
136	Biomolecules	Introduction	1	Zoology	21-Dec-21	04-Jan-22
137		Carbohydrates-i	1		23-Dec-21	
138		Carbohydrates-ii	1		24-Dec-21	
139		Amino acids	1		27-Dec-21	
140		Proteins	1		28-Dec-21	
141		Lipids	1		30-Dec-21	
142		Nucleic acids	1		31-Dec-21	
143		Enzymes-i	1		03-Jan-22	
144		Enzymes-ii	1		04-Jan-22	
145	Photosynthesis	Early experiments	1	Botany	06-Jan-22	17-Jan-22
146		Site of photosynthesis, photosynthetic pigments, absorption spectrum, action spectrum	1		07-Jan-22	
147		Light reaction, ETS, photolysis of water	1		10-Jan-22	
148		Cyclic and noncyclic photophosphorylation	1		11-Jan-22	
149		Calvin cycle	1		13-Jan-22	
150		photorespiration	1		14-Jan-22	
151		Krantz anatomy, C4 cycle	1		15-Jan-22	
152		Factors affecting photosynthesis	1		17-Jan-22	

153	Respiration	Do plants breathe, glycolysis	1	Botany	18-Jan-22	25-Jan-22
154		fermentation	1		20-Jan-22	
155		link reaction, Krebs cycle	1		21-Jan-22	
156		ETS, oxidative phosphorylation	1		22-Jan-22	
157		Respiratory balance sheet, amphibolic pathway, interrelationship among metabolic pathways showing respiration mediated breakdown of different	1		24-Jan-22	
158		Respiratory substrate Respiratory quotient	1		25-Jan-22	
159	Plant growth and development	Plant growth, growth is measurable, phases of growth,	1	Botany	27-Jan-22	05-Feb-22
160		growth rates, Conditions for growth	1		28-Jan-22	
161		Differentiation, dedifferentiation, redifferentiation, development	1		29-Jan-22	
162		Characteristics of plant growth regulators, discovery of plant growth regulators	1		31-Jan-22	
163		Physiological effects of PGRs	1		01-Feb-22	
164		Photoperiodism	1		03-Feb-22	
165		Vernalization, seed dormancy	1		04-Feb-22	
166		Seed germination	1		05-Feb-22	

Holiday List- 2021-22

1	21-Jul-21	Bakre-id				
2	15-Aug-21	Independence Day				
3	22-Aug-21	Rakshabandhan				
4	30-Aug-21	Janamashtmi				
5	02-Oct-21	Gandhi Jayanti				
6	15-Oct-21	Dussehra				
7	19-Oct-21	Eid-e-Milad				
8	04-Nov-21	Diwali				
9	10-Nov-21	Chhat Pooja				
10	19-Nov-21	Guru Nanak Jayanti				
11	25-Dec-21	Christmas Day				
12	01-Jan-22	New Year				
13	26-Jan-22	Republic Day				
14	19-Mar-22	Holi				