

RK VIGYAN PG COLLEGE KALWAR JAIPUR, RAJ.
B.SC 2ND SEMESTER BOTANY THEORY

S.N	PAPER (I, II,) NAME	UNIT	TOPIC	VIDEO LINK
1		UNIT-I	DNA replication	https://youtu.be/ERSVRdI6O80?si=u0iu_MYDtqQsTLb
2			DNA replication part 2	https://youtu.be/CHzOn6J9_LQ?si=srTi7quWXKTywJlQ
3			Leading strand and lagging strand	https://youtu.be/WCllyl4_cm?si=MUmgpvW_ky9rZnV9
4			Okazaki fragments	https://youtu.be/Kx4Mh2HHf_U?si=rmHdsnsGA3FJz5_r
5			Lac operon	https://youtu.be/ze3yKeyruLs?si=1dzWya6B3IJWSlx
6			DNA structure	https://youtu.be/64JsWmz-cGw?si=Tn98QP4JJY5fXMCn
7			Transcription	https://youtu.be/RGkw-7QXgSU?si=BosaRT_vOyS7cRhs
8			Translation	https://youtu.be/R57GYPIWPPE?si=lyOMraBT1u2WQgUn
9			Genetic code	https://youtu.be/pJrHS08ntB4?si=WC2md_HtylP_dmXE
10			Gene expression	https://youtu.be/t818izsnl8Y?si=-fQSGP9RJ6PIQ2rV
11		UNIT-II	Mendels law	https://youtu.be/ISR_HzsRStw?si=Tht3jAjSEng82BMe
12			Law of inheritance	https://youtu.be/hfxvLQix-Wk?si=C-8NOtqIX-qVulQp
13			Multiple allelism	https://youtu.be/ZP4ybQ13W5U?si=qJnfnE1t5CioZHK
14			Incomplete dominance	https://youtu.be/_E40QKlSrM4?si=lcqW09SLTVLvt7B
15			Co dominance	https://youtu.be/iW6z8JAtoCg?si=0fWmiCQg8Dowg-fW
16			Lethal gene	https://youtu.be/5w-1dywRQXw?si=w3Ke-EzLKQ5B0Wlp
17			Epistasis	https://youtu.be/d3vJaTZE-4w?si=yIEsWd15sfNJ7Wir
18			Complementary genes	https://youtu.be/3SIMdKQW4Dc?si=yIWlKI09UxK7m2-Z

19			Mendal s third law	https://youtu.be/0hm7V-97DT4?si=HYzL8qtI2FY3MqL6
20			Same basic terms in genetic	https://youtu.be/fIDpT1PU8SA?si=tbnjEWQ6EoFZvltv
21			Quantitative inheritance	https://youtu.be/NstEWZP19OY?si=gwe1NH0utJflzgew
22			Alleles	https://youtu.be/Mk59sOnEfzQ?si=4Aa2RzGfsfhr20bV
23			Cytoplasmic inheritance	https://youtu.be/3NnJ3BxyMd4?si=KxBPlqVWHAXTkVOZ
24			Cytoplasmic Male sterility	https://youtu.be/E8efy51LEU8?si=eRbTs3oPgg2Mk731
25			Numerical aberration	https://youtu.be/fLJrjCXk8xY?si=tulV3pjyDJUsq_l_o
26			Chromosome aberration	https://youtu.be/grUWThQX59s?si=pZM_-vwtCz8SKZux
27			Mutation	https://youtu.be/lrXipO7AfuQ?si=ppiLBXL5X1lx1FrT
28			ABO blood group	https://www.youtube.com/live/J2RT5424P4Y?si=tARjD6FI30c9alv-
29		UNIT-III	Pteridophytes general characteristics	https://youtu.be/bfe0tMxmY5Y?si=dKsnM1HpWPsR-qRB
30			Pteridophytes affinities with bryophytes	https://youtu.be/pnqpD0mxq1o?si=rjroMh-tT8EKvu-B
31			Pteridophytes affinities with gymnosperms	https://youtu.be/WVEy9o5pzDA?si=W5eZlCWz7RlZOD6
32			Heterospory and seed habit	https://youtu.be/exTmJAQynTM?si=ttq2_AH7GnAOC6F
33			Evolution of stele in pteridophytes	https://youtu.be/O29Y3gm4pFU?si=JVWUucFi2VP2JDOq
34			Evolution of Seed habit	https://youtu.be/lj3b77FD3yc?si=ko1UNioilq3NaRQ6
35			Principal of paleobotany	https://youtu.be/ROGJmh66ujU?si=cwil1bEXINKinJgl
36			MCQ of pteridophytes bryophytes and gymnosperms	https://youtu.be/bO4b61M0-Uo?si=Sk6nQOe_7wX_YK3c
37			Life cycle of pteridophytes	https://youtu.be/ggYRSpYezcl?si=sM5s7jYdhnCkzi-d
38			Selaginella reproduction	https://youtu.be/DbilJDgBs_c?si=KPxpqzyubkVW-UW4

39			Equisetum	https://youtu.be/w7bBABfmrhw?si=eZajQY8BsV3CHpH2
40			Pteridophytes morphology	https://youtu.be/5I7bMN9Ospk?si=5wjBcD3IbaJVvapZ
41			Classification of pteridophytes	https://youtu.be/wPSkawOovvU?si=VgcxoB8JKUzUPcNJ
42			Marsilea sporocarp	https://youtu.be/PLuqDHJwUa0?si=is-f5UQNH_dDatg4
43			Pteridophytes classification	https://youtu.be/UmnF_5Mq_sg?si=-d3YHS06PhMPOjO2
44			Rhynia plant	https://youtu.be/QRKxDzhXuxw?si=fy3clcgMsJHwHHaE
45			MCQ question	https://youtu.be/9WCSuSq9hOY?si=vcZYPJcHvRw0exSr
46			Economics importance of pteridophytes	https://youtu.be/-dwrH_qtM4A?si=AlxMg083YiYYoruS
47			External morphology of selaginella	https://youtu.be/8lQRp053c-E?si=6HWXfyleM65x_N-l
48		UNIT-IV	General characteristics of gymnosperms	https://youtu.be/IB0MFsA-ffQ?si=HpWaH-LQhY2MWN5m
49			Sporne classification of gymnosperms	https://youtu.be/87wfj8qQILo?si=ZK1rfoFJFN4UDGa4
50			Cycas reproduction	https://youtu.be/dmv5HIjCL2Q?si=Gipv7QyABQA5CP4E
51			Internal structure of cycas	https://youtu.be/kb_KmY5E1KI?si=9JZEgkDGg0g0Vj_K
52			Morphology of cycas	https://youtu.be/5b-nfWDy4Aw?si=lyc3oWtznkU8EPzY
53			Ephedra male cone	https://youtu.be/cl_CxXEFc9s?si=udnBOugPylvvvKtI
54			External morphology of ephedra	https://youtu.be/OzEsaSr63uk?si=9mGkFuwACfD-TFwc
55			Ephedra general characteristics	https://youtu.be/meDt18aF14k?si=LABfjVs0KlkvS-qz
56			Economics importance of gymnosperms	https://youtu.be/YH3AORhVk4E?si=xWcgOqFGYaX8yHxH
57			Economics importance of	https://youtu.be/9lJ8KHRRpM0?si=Ad6wYD1PYcDMJGXn

			gymnosperms part 2	
58			Affinities of gymnosperms of angiosperms	https://youtu.be/c2gLIANj3i4?si=ghgUnn4OV5taw3Bt
59			Palaeobotany	https://youtu.be/7ZAvqI0kV-o?si=cVYQnyiaSd3b7MOV
60			Geological time scale	https://youtu.be/SxjoTplu7LQ?si=bjxNg3Sj4uSX1E4b
61			Calamities	https://youtu.be/8Tn-sk0FW0s?si=VsTvP3bLfkd-c3s3
62			Lepidodendron	https://youtu.be/cPrItTsHSZ8?si=b1vEvv4Krhsaz27y
63			Techniques of study fossil	https://youtu.be/4_LK7VOAsKc?si=EQCMjwAQOgsjgyYI