

**RK VIGYAN PG COLLEGE KALWAR JAIPUR, RAJ.**  
**B.SC 3<sup>RD</sup> SEMESTER BOTANY (THEORY)**

S.N	PAPER (I, II,) NAME	UNIT	TOPIC	VIDEO LINK
1		<b>UNIT-I</b>	Introduction to microbial world	<a href="https://youtu.be/gySZ-2F0c4s?si=Qr-ahR7ovZtArLLd">https://youtu.be/gySZ-2F0c4s?si=Qr-ahR7ovZtArLLd</a>
2			Louis Pasteur experiment	<a href="https://youtu.be/lum3VkYWIP4?si=V-nVfOApC38mhNVp">https://youtu.be/lum3VkYWIP4?si=V-nVfOApC38mhNVp</a>
3			Robert Koch	<a href="https://youtu.be/RYUwWSj-2Ko?si=1TWa4wFu0pQAK43y">https://youtu.be/RYUwWSj-2Ko?si=1TWa4wFu0pQAK43y</a>
4			General account structure discovery of virus	<a href="https://youtu.be/6tYFjuHOiaY?si=PxPQXfCBg8joZgD5">https://youtu.be/6tYFjuHOiaY?si=PxPQXfCBg8joZgD5</a>
5			TMV structure	<a href="https://youtu.be/wifDTEbi2rQ?si=YtIR_eGfVTznon4b">https://youtu.be/wifDTEbi2rQ?si=YtIR_eGfVTznon4b</a>
6			Bacteriophage	<a href="https://youtu.be/3U1XRFAo7d0?si=uRNmjkfef8xgXAbn">https://youtu.be/3U1XRFAo7d0?si=uRNmjkfef8xgXAbn</a>
7			T4phage structure and replication	<a href="https://youtu.be/x8cNhjLJ2po?si=IMfDkkF72HU6jePb">https://youtu.be/x8cNhjLJ2po?si=IMfDkkF72HU6jePb</a>
8			General characteristics Mycoplasma morphology and reproduction	<a href="https://youtu.be/ccfbu0BaR7s?si=UjdqDYX5DGQoN8ID">https://youtu.be/ccfbu0BaR7s?si=UjdqDYX5DGQoN8ID</a>
9		<b>UNIT-II</b>	Bacteria general characteristics Classification	<a href="https://youtu.be/cCLjSUyUYJM?si=T8hDHhpuD8J-yeH2">https://youtu.be/cCLjSUyUYJM?si=T8hDHhpuD8J-yeH2</a>
10			Bacteria cell structure	<a href="https://youtu.be/Hr2sws-sgFE?si=rv5XfG3KvuxHYW8Q">https://youtu.be/Hr2sws-sgFE?si=rv5XfG3KvuxHYW8Q</a>
11			Bacteriophage reproduction	<a href="https://youtu.be/3U1XRFAo7d0?si=AgmC3Zr0U7AufQrw">https://youtu.be/3U1XRFAo7d0?si=AgmC3Zr0U7AufQrw</a>
12			Bacteria conjugation	<a href="https://youtu.be/e7g3vobh7JM?si=HK1FTyLU5pPkOb-u">https://youtu.be/e7g3vobh7JM?si=HK1FTyLU5pPkOb-u</a>
13			Economic importance of virus	<a href="https://youtu.be/jxf2U475XSQ?si=4M6997bggEsy_rMZ">https://youtu.be/jxf2U475XSQ?si=4M6997bggEsy_rMZ</a>
14			Economic importance of virus	<a href="https://youtu.be/DYZ3iGPpgrk?si=LKsqPGL0dga0PC8l">https://youtu.be/DYZ3iGPpgrk?si=LKsqPGL0dga0PC8l</a>
15			Economic importance of bacteria	<a href="https://youtu.be/VvV_GYcgXpA?si=D3_KUApnEO75ah8">https://youtu.be/VvV_GYcgXpA?si=D3_KUApnEO75ah8</a>
16			Biofilms	<a href="https://youtu.be/edZ_bT9Q46l?si=gNsjFFOgqkYy9dUz">https://youtu.be/edZ_bT9Q46l?si=gNsjFFOgqkYy9dUz</a>

17		<b>UNIT-III</b>	Terminology and basic concepts	<a href="https://youtu.be/busggQNhNMs?si=m0BBfPVjtx2rlhvZ">https://youtu.be/busggQNhNMs?si=m0BBfPVjtx2rlhvZ</a>
18			Inoculum	<a href="https://youtu.be/mLcbg90th0o?si=GDZRITW73zo0v7zm">https://youtu.be/mLcbg90th0o?si=GDZRITW73zo0v7zm</a>
19			Biotic abiotic disease	<a href="https://youtu.be/uDYVESDA_-w?si=yuHXrvvihNPwNyYG">https://youtu.be/uDYVESDA_-w?si=yuHXrvvihNPwNyYG</a>
20			General symptoms of virus mycoplasma bacteria nematodes fungi insect bacteria	<a href="https://youtu.be/2DtdwnLF7U4?si=QOyFy74YUO7_wZuc">https://youtu.be/2DtdwnLF7U4?si=QOyFy74YUO7_wZuc</a>
21			Citrus canker Disease	<a href="https://youtu.be/X6VyFTOxZgo?si=5bASdgBDUmNvgWrr">https://youtu.be/X6VyFTOxZgo?si=5bASdgBDUmNvgWrr</a>
22			Little leaf of Brinjal	<a href="https://youtu.be/_M1PXbTG-Qo?si=LAqWzvXm2KcorC5v">https://youtu.be/_M1PXbTG-Qo?si=LAqWzvXm2KcorC5v</a>
23			TMV	<a href="https://youtu.be/wifDTEbi2rQ?si=WMPbt10Elzu1BaVm">https://youtu.be/wifDTEbi2rQ?si=WMPbt10Elzu1BaVm</a>
24		<b>UNIT-IV</b>	White rust of crucifers	<a href="https://youtu.be/jkY0NY3V6Wc?si=P5xLToZMOM0g3i80">https://youtu.be/jkY0NY3V6Wc?si=P5xLToZMOM0g3i80</a>
25			Downy mildew	<a href="https://youtu.be/OWMAhcJTEGM?si=uFeE2Ees7aD4Rw7J">https://youtu.be/OWMAhcJTEGM?si=uFeE2Ees7aD4Rw7J</a>
26			Green ear disease of bajra	<a href="https://youtu.be/FBq8cQbCuRk?si=1uqzwmItcJ8No1ok">https://youtu.be/FBq8cQbCuRk?si=1uqzwmItcJ8No1ok</a>
27			Black rust of wheat	<a href="https://youtu.be/kXgS_xUr4q4?si=ZWzZiEqxMyU2-DWA">https://youtu.be/kXgS_xUr4q4?si=ZWzZiEqxMyU2-DWA</a>
28			Loose smut and covered smut	<a href="https://youtu.be/3zWGU_02r68?si=d1lwnPVUTukppknW">https://youtu.be/3zWGU_02r68?si=d1lwnPVUTukppknW</a>
29			Early blight of potato	<a href="https://youtu.be/7mvOReSjD6k?si=DGlxa8maGAKz30Y8">https://youtu.be/7mvOReSjD6k?si=DGlxa8maGAKz30Y8</a>