



B. Sc. (Zoology) Semester - V
Paper – I
(General Mammalian Physiology- I)

Unit -1

Digestion and absorption of carbohydrates proteins and fats

<https://youtu.be/St2U-EXn7zw?si=FIVi3WcUPIggtuCj>

Enzymes structure function

<https://youtu.be/NOimzeoRICg?si=EsLmONCEO5Xo0kFr>

Unit -2

Structure and functions of digestive glands

<https://www.youtube.com/watch?v=1UvuBYUbFk0&pp=ygUrU3RydWN0dXJlIGFuZCBmdW5jdGlbnMgb2YgZGlnZXN0aXZlIGdsYW5kcw%3D%3D>

<https://www.youtube.com/watch?v=pLWL9YVpv-4&pp=ygUrU3RydWN0dXJlIGFuZCBmdW5jdGlbnMgb2YgZGlnZXN0aXZlIGdsYW5kcw%3D%3D>

Gastrointestinal hormones

<https://www.youtube.com/watch?v=l2JGnqccztE&pp=ygUZr2FzdHJvaW50ZXN0aW5hbCBob3Jtb25lcw%3D%3D>

Digestion and absorption of proteins, carbohydrates and lipids

<https://www.youtube.com/watch?v=St2U-EXn7zw&pp=ygURGlnZXN0aW9uIGFuZCBhYnNvcnB0aW9uIG9mIHByb3RlaW5zLCBjYXJib2h5ZHJhdGVzIGFuZCBsaXBpZHM%3D>

https://www.youtube.com/watch?v=iNuLw_9aSeE&pp=ygURGlnZXN0aW9uIGFuZCBhYnNvcnB0aW9uIG9mIHByb3RlaW5zLCBjYXJib2h5ZHJhdGVzIGFuZCBsaXBpZHM%3D

Vitamins- Fat soluble and water soluble vitamins; Sources, deficiency and diseases

<https://www.youtube.com/watch?v=dtCvYfhzPQ0&pp=ygVSVml0YW1pbmMtlEZhdCBzb2x1YmxlIGFuZCB3YXRlciBzb2x1YmxlIHZpdGFtaW5zOyBTb3VyY2VzLCBkZWZpY2llbmN5IGFuZCBkaXNlYXNlcw%3D%3D>

https://www.youtube.com/watch?v=k49CUT_Zx10&pp=ygVSVml0YW1pbmMtlEZhdCBzb2x1YmxlIGFuZCB3YXRlciBzb2x1YmxlIHZpdGFtaW5zOyBTb3VyY2VzLCBkZWZpY2llbmN5IGFuZCBkaXNlYXNlcw%3D%3D

Unit- 3

Respiratory system

<https://youtu.be/cL0mP3IfmHE?si=jPR-EcAlQCNoKBVs>

ABO Blood group

https://youtu.be/Nzek0oVe2-Y?si=aF5QV2-ZBI-_NKN3



Platelet activation and factors for clot formation

<https://youtu.be/R8JMfbYW2p4?si=ppUiskMrIevipjdv>

Blood coagulation

https://youtu.be/pqo3PDHR924?si=Z2Hyhj6f_6FwLhIa

The cardiac cycle animation

<https://youtu.be/IS9TD9fHFv0?si=I-3nNMXS9sp4JLq3>

Unit- 4

Blood

1 <https://youtu.be/qrE6Y0Se8bw?si=CxeR0QH6cKBsWUN>

2 https://youtu.be/qrE6Y0Se8bw?si=mStPxMXnWtK_G8ud

Endocrine system

<https://youtu.be/vLdNX5Te1Xo?si=RGThHWHzgqduUEZI>

https://youtu.be/NOV0OuYxB7g?si=jVI1jD4Q_g_svJvr

Structure and Function of kidney

<https://youtu.be/82mW8bpcSyU?feature=shared>

Glomerular Filtration Animation | How urine is formed in our body

<https://youtu.be/j9qZwRooBxc?si=D0x4qlsOIFw-wRSG>

Anatomy and physiology urinary system and nephron

<https://youtu.be/QV1Y3dJK0r8?si=CPj0tz1s3RNiKYTg>