



**B. Sc. (Zoology) Semester - VI  
Paper – I  
(General Mammalian Physiology- II)**

**Unit 1**

What are the 3 types of muscles and examples? How do you identify different types of muscles?

<https://youtu.be/0Iqu17MSPXI>

What are the main structures of a neuron? What are neuroglia cells and what are their functions?

<https://youtu.be/Xbfm6XAEZC8>

Types of neurons: sensory, motor, and interneurons

[https://youtu.be/\\_0C5r4E0OdE](https://youtu.be/_0C5r4E0OdE)

Sliding filament theory

[https://youtu.be/J\\_nqNtL4400](https://youtu.be/J_nqNtL4400)

What is the structure of a sarcomere? How do you remember the sarcomere structure?

<https://youtu.be/rBHSSo0hBUY>

**Unit 2**

Formation of Urine - Nephron Function, Animation.

[https://youtu.be/9\\_h0ZXx11Fw](https://youtu.be/9_h0ZXx11Fw)

Nephron in Hindi | Structure | Functions | Urine formation | RajNEET Medical Education

[https://youtu.be/eVO8\\_cQQXhk](https://youtu.be/eVO8_cQQXhk)

Nephrons - Filtration and Reabsorption Basics

<https://youtu.be/OEzKQmqV2WQ>

Procedure of DIALYSIS

<https://youtu.be/EU2skU3bgS8>

**Unit 3**

Pituitary Gland Structure and Function

<https://youtu.be/piBMd796vcM>

Thyroid gland - What's the function of the thyroid?

<https://youtu.be/xKQa-MbZUPY>

Parathyroid Gland and Its functions

<https://youtu.be/Nqe9ekNofvI>

**Unit 4**

Oestrous and menstrual cycle

<https://www.youtube.com/watch?v=7HIHGLr1hTA&pp=ygUcT2VzdHJvdXMgYW5kIG1lbnN0cnVhbCBjeWNsZQ%3D%3D>

<https://www.youtube.com/watch?v=42WIByexiXc&pp=ygUcT2VzdHJvdXMgYW5kIG1lbnN0cnVhbCBjeWNsZQ%3D%3D>



Male and female sex hormones

<https://www.youtube.com/watch?v=eOKQFXd3-Vw&pp=ygUcTWfSzsBhbmQgZmVtYWxlIHNeCBob3Jtb25lcw%3D%3D>

Causes of infertility in male and female

<https://www.youtube.com/watch?v=pptwpZs1qdw&pp=ygUoQ2F1c2VzIG9mIGluZmVydGlsaXR5IGluIG1hbGUgYW5kIGZlbWFsZQ%3D%3D>

Contraceptives – Mechanical and hormonal ; *In-vitro* fertilization

<https://www.youtube.com/watch?v=9yFJjCHzIL4&pp=ygVdQ29udHJhY2VwdGl2ZXMG4oCTIE1lY2hhbmljYWwgYW5kIGhvcm1vbmFsIDsgSW4tdml0cm8gZmVydGlsaXphdGlvbG%3D%3D>