

# V P & R P T P SCIENCE COLLEGE

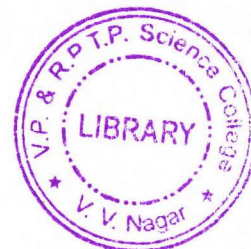
3<sup>RD</sup> SEM INTERNAL TEST 2014

US 03 CZOO 02

TIME: 2.00-3.30 PM

DATE: 14/10/2014

MARKS: 25



Q-1 Multiple Choice Questions:

[03]

1. Role of Pacemaker is to  
a, Initiate heartbeat    b, Increase heartbeat    c, Decrease Heartbeat    d, Control Heartbeat
2. Where vocal chords are situated?  
a, Larynx    b, Pharynx    c, Syrinx    d, none
3. Bat find their locations through  
a, infrared    b, Ultraviolet    c, Ultrasound    d, all

Q-2 Answer in Short: [any two]

[04]

1. Write types of Anticoagulants
2. Write about reserve volume and total lung capacity in lung
3. Write about electric organ of ray

Q-3 Explain working mechanism of Mammalian Heart

[06]

OR

Q-3 Explain Coagulation of blood in Brief

[06]

Q-4 A] Explain Lung as respiratory organs

[03]

B] Explain Mechanism of respiration in brief

[03]

OR

Q-4 A] Transport of CO<sub>2</sub> by Hb

[03]

B] Explain Regulation of respiration in brief

[03]

Q-5 Write about:

A] Marine Adaptations

[03]

B] Bioluminations

[03]

OR

Q-5 Write about:

A] Fresh water Adaptations

[03]

B] Mimicry

[03]