

V P & R P T P SCIENCE COLLEGE

INTERNAL TEST-SEPTEMBER 2018

ZOOLOGY [PHYSIOLOGY AND ADAPTATION]

US 03 CZOO 02

TIME: 3.00-5.00 PM

DATE: 8/10/2018 MONDAY

MARKS: 50



Q-1 MULTIPLE CHOICE QUESTIONS: [WRITE MOST SUITABLE ANSWER]

[08]

1. SEND BLOOD TO THE LUNGS?
A, RIGHT VENTRICLE B, LEFT VENTRICLE C, RIGHT AURICLE D, LEFT AURICLE
2. "S A NODE" SITUATED AT
A, LEFT AURICLE B, LEFT VENTRICLE C, RIGHT AURICLE D, RIGHT VENTRICLE
3. VOCAL CHORDS ARE PRESENT IN
A, PHARYNX B, SYRYNX C, LARYNX D, BRONCHUS
4. RESPIRATORY SURFACE FOUND IN
A, LUNG B, PHARYNX C, TRACHEA D, ALVEOLUS
5. BALANTIDIASIS CAUSED BY
A, TRYPANOSOMA B, OXYURIS C, ANCYCLOSTOMA D, NONE
6. WHICH OF THE FOLLOWING CAUSES HERPES?
A, HSV1 B, HSV C, HIV D, HAEII
7. SHARK SHOWS.....ADAPTATIONS
A, MARINE B, BURROWING C, DESERT D, ALL
8. ANIMALS SHOWING ARBOREAL ADAPTATIONS ARE...
A, TREE LEAVING B, FAST RUNNING C, BURROWING D, FLYING

Q-2 ANSWER IN SHORT: [ANY FIVE]

[10]

1. DIFFERENTIATE NEUROGENIC AND MYOGENIC HEART.
2. DEFINE RH FACTOR.
3. WHAT IS TIDAL VOLUME IN LUNG?
4. WRITE ABOUT PULMONARY EDEMA IN BRIEF.
5. WRITE PATHOGENICITY OF TRYPANOSOMA IN BRIEF.
6. DRAW A LABELED DIAGRAMME OF 'HIV'
7. LIST OUT ANIMALS ADAPTED AS DESERT ECOLOGY.
8. WRITE ABOUT WARNING MIMICRY.

Q-3 TYPES OF ANTICOAGULANTS AND COAGULATIONS

[8]

OR

Q-3 DESCRIBE WORKING MECHANISM OF MAMMALIAN HEART WITH LABELLED DIAGRAM

[8]

- Q-4 A] TRANSPORTATION OF O₂ IN BLOOD [04]
B] DESCRIBE REGULATION OF RESPIRATION [04]
- OR
- Q-4 A] DESCRIBE HUMAN RESPIRATORY ORGANS [04]
B] DESCRIBE OBSTRUCTIVE PULMONARY DISEASES IN BRIEF [04]
- Q-5 WRITE NOTES ON:
A] AIDS [04]
B] GONORRHEA [04]
- OR
- Q-5 WRITE NOTES ON:
A] CORONARY BYPASS [04]
B] TRICHINOSIS [04]
- Q-6 A] DESCRIBE DESERT ADAPTATIONS [04]
B] WRITE A NOTE ON BURROWING ADAPTATION [04]
- OR
- Q-6 A] WRITE DETAIL ACCOUNT ON CURSORIAL ADAPTATIONS [04]
B] DESCRIBE VOLANT ADAPTATIONS [04]

