

V P & R P T P SCIENCE COLLEGE

5<sup>TH</sup> SEM INTERNAL TEST 2016

US 05 CZOO 03

TIME: 11.00-12.30 PM

DATE: 03/10/2016

MARKS: 25



Q-1 MULTIPLE CHOICE QUESTIONS:

[03]

1. FORMALDEHYDE IS USED TO FIX.  
A, ENZYMES      B, LIPIDS      C, NUCLEIC ACID      D, ALL
2. PLASMA MEMBRANE CONSTITUENTS  
A, LIPID      B, EXTRINSIC PROTEIN      C, INTRINSIC PROTEIN      D, ALL
3. EUPLOIDY IS THE VARIATION OF CHROMOSOMES IN  
A, n      B, n-1      C, n+1      D, n+2

Q-2 ANSWER IN SHORT [ANY TWO]

[04]

1. WRITE ABOUT FREEZING MICROTOME
2. DRAW A LABELED DIAGRAM OF GOLGI BODY
3. WRITE ABOUT NUCLEUS

- Q-3      A, DESCRIBE CELL FRACTIONATION      [03]  
            B, EXPLAIN RADIO IMMUNE ESSAY      [03]

OR

- Q-3      A, EXPLINE SEM      [03]  
            B, DESCRIBE HISTORY OF LIGHT MICROSCOPE      [03]

- Q-4      A, EXPLAIN POLYMORPHISM IN LYSOSOME      [03]  
            B, EXPLAIN STRUCTURE OF PLASMA MEMBRANE      [03]

OR

- Q-4      A, DESCRIBE STRUCTURE OF MITOCHONDRIA      [03]  
            B, EXPLAIN FUNCTIONS OF ER      [03]

- Q-5      DESCRIBE GIANT CHROMOSOMES      [06]

OR

- Q-5      DESCRIBE PLOIDY IN CHROMOSOMES      [06]