

Extra copies.

# V P & R P T P SCIENCE COLLEGE

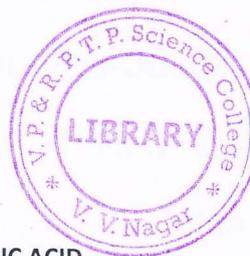
5<sup>TH</sup> SEM INTERNAL TEST 2017

US 05 CZOO 03

DATE: 05/10/2017

TIME: 11.00-12.30 PM

MARKS: 25



## Q-1 MULTIPLE CHOICE QUESTIONS:

- |   |                      |               |
|---|----------------------|---------------|
| 1. ETHANOL IS USED TO FIX.<br>A, ENZYMES      B, LIPIDS                                 | C, NUCLEIC ACID      | D, ALL        |
| 2. SINGER AND NICOLSON MODEL CONSTITUENTS<br>A, LIPID              B, EXTRINSIC PROTEIN | C, INTRINSIC PROTEIN | D, ALL        |
| 3. WHICH IS GIANT CHROMOSOMES<br>A, LAMP SHADE    B, LAMP GLASS                         | C, LAMP BRUSH        | D, LAMP STAND |

[03]

## Q-2 ANSWER IN SHORT [ANY TWO]

[04]

1. WRITE ABOUT HPLC
2. DRAW A LABELED DIAGRAM OF ROUGH ER
3. WRITE ABOUT NUCLEUS

Q-3 A, DESCRIBE STAINS FOR MICROTOME

[03]

B, EXPLAIN RADIO IMMUNO ESSAY

[03]

OR

Q-3 A, EXPLAIN TEM

[03]

B, DESCRIBE HISTORY OF LIGHT MICROSCOPE

[03]

Q-4 A, EXPLAIN TYPES OF LYSOSOME

[03]

B, EXPLAIN STRUCTURE OF PLASMA MEMBRANE

[03]

OR

Q-4 A, DESCRIBE FUNCTIONS OF MITOCHONDRIA

[03]

B, EXPLAIN FUNCTIONS OF SMOOTH ER

[03]

Q-5 DESCRIBE STRUCTURE AND FUNCTIONS OF GOLGI COMPLEX

[06]

OR

Q-5 DESCRIBE EUPLOIDY IN CHROMOSOMES

[06]