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V P AND R P T P SCIENCE COLLEGE
VALLABH VIDYA NAGAR
INTERNAL TEST – OCTOBER 2019
US O5 CZOO 05

DATE: 09/10/19 TIME: 11.00-12.15 PM TOTAL MARKS-25

Q-1 MULTIPLE CHOICE QUESTIONS

1. AN INTERACTION CONSIDERED WITH ONE CHARACTER
   A, MONOHYBRID B, DIHYBRID C, TRIHYBRID D, NONE
2. FUNCTIONS OF MITOCHONDRIAL DNA TO SYNTHESIS
   A, PROTEIN B, ENZYMES C, ATP D, COENZYMES
3. BLOOD GROUP "B"ANTIGENS ARE
   A, NONE B, AB C, A D, B
4. CHROMOSOMES KNOWN AS SEX CHROMOSOMES IN HUMAN ARE
   A, 21ST B, 22ND C, 23RD D, NONE
5. IDENTICAL TWINS ARE PRODUCED FROM
   A, TWO ZYGOTE B, TWO SPERMATOZOON C, ONE ZYGOTE D, ALL POSSIBILITIES

Q-2 WHAT IS LAW OF SEGREGATION? EXPLAIN [05]

OR

Q-2 WHAT IS CO DOMINANCE? EXPLAIN [05]

Q-3 EXPLAIN MULTIPLE ALLELES IN HUMAN BLOOD GROUP [05]

OR

Q-3 EXPLAIN EPISTASIS BY GIVING EXAMPLE OF RECESSIVE EPISTASIS [05]

Q-4 EXPLAIN THEORIES OF CROSSING OVER [05]

OR

Q-4 A, EXPLAIN SEX DETERMINATION IN HUMAN [05]

Q-5 DESCRIBE DISORDER DUE TO MUTANT GENES [05]

OR

Q-5 DESCRIBE POSITIVE AND NEGATIVE EUGENICS [05]