

(59)

SEAT No. \_\_\_\_\_

**SARDAR PATEL UNIVERSITY**  
**B.Sc - VI SEM**  
**ZOOLOGY SEMESTER VI MARCH 2018**  
**EVOLUTION AND APPLIED ZOOLOGY**

**No. of Printed Pages: 2**

US 06 CZOO 03

TIME: 10.00AM-1.00 PM

DATE: 31/03/2018, Saturday

MARKS: 70

Q-1 MULTIPLE CHOICE QUESTIONS

[10]

1. THE FORMATION OF HOT GASEOUS CONDENSED LATER TO FORM  
 a. LIFE                      B. SPICES                      C. EARTH                      D. UNIVERSE
2. WHO DESCRIBE THE MODERN SCHEME OF CLASSIFICATION  
 a. CAROLUS LINNAEUS   B. XENOPHANES   D                      C. ANAXIMANDER                      D. EMPEDOCLES
3. WARNING MIMICRY IS A TYPE OF  
 a. PROTECTIVE                      B. AGGRESSIVE                      C. CONSCIOUS                      D. ALL
4. POTENTIAL MATES DO NOT MEET IS THE PROCESS OF.....ISOLATION  
 a. PREVENT INTER SPECIFIC   B. PREVENTING                      C. RESTRICTION REPRODUCTION                      D. ALL
5. MALES ARE MORE ABUNDANT THAN FEMALE BECAUSE  
 a. TO CONTROL BIRTH RATIO   B. FOR MORE OPTIONS                      C. NATURAL IMBALANCE                      D. NONE
6. HYBRID ANIMALS ARE SURVIVE THROUGH .....SELECTION  
 a. NATURAL                      B. ARTIFICIAL                      C. REVERT                      D. COVERT
7. DRAG NET USED FOR  
 a. MARINE FISHING                      B. RIVER FISHING                      C. POND FISHING                      D. ALL
8. HOW MANY CARPS ARE THERE IN FRESH WATER FISHES?  
 a. MAJOR                      B. MINOR                      C. COMMON                      D. ALL
9. WHICH ARE DESI BREEDS IN POULTRY?  
 a. MALAY                      B. GHAGUS                      C. BUSTRA                      D. ALL
10. HONEY BEES ARE USED FOR  
 a. ANTIBIOTIC REMEDY   B. ANTI-INFLAMMATORY REMEDY                      C. ANTI-AGING                      D. NONE

Q-2 SHORT QUESTION [ANY TEN]

[20]

1. WRITE ABOUT PLANESTESIMAL HYPOTHESIS
2. WRITE THEORY OF SPONTANEOUS GENERATION
3. EVIDENCES TO SUPPORT D-VRIES THEORY
4. WRITE ABOUT SEASONAL ISOLATION
5. STATE LIMITS OF ARTIFICIAL SELECTION
6. EXPÉRIMENTAL EVIDENCES OF SEXUAL SELECTION
7. PRIMERY QUALITIES OF CULTURABLE FISHES
8. DRAW LABELED DIAGRAM OF CATLA CATLA
9. USES OF DRAG NET
10. DRAW A LABELED DIAGRAM OF EGG
11. PHARMACEUTICAL USE OF LEECH
12. FEED OF BUFFALO

(1)

(P.T.O.)

- Q-3 [A] PALEONTOLOGICAL EVIDENCES OF EVOLUTION [05]  
[B] ONE AND TWO STAR THEORIES OF ORGANIC EVOLUTION [05]

OR

- Q-3 WRITE NOTE ON  
[A] DARWINISM [05]  
[B] LAMARCKISM [05]

- Q-4 [A] GIVE FEATURE OF SPECIES AND MODE OF SPECIATION [05]  
[B] WRITE ABOUT POST ZYGOTIC ISOLATION [05]

OR

- Q-4 [A] EVOLUTIONARY IMPORTANCE OF COLOURATION [05]  
[B] EXPLAIN MACRO EVOLUTION [05]

- Q-5 DESCRIBE BYPRODUCT OF FISHES [10]

OR

- Q-5 DESCRIBE FISH FARM STRUCTURE [10]

- Q-6 [A] STRUCTURE OF POULTRY FARM [05]  
[B] DESCRIBE MILK PRODUCTS [05]

OR

- Q-6 EXPLAIN PHARMACEUTICALS FROM ANIMALS [10]

---

2