

[A-88]

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Sardar Patel University

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Evolution and Applied Zoology

US 06 CZOO 03

Time: 2.30pm-5.30pm

date: 01/04/2016 Friday

marks: 70

Q-1 multiple choice questions

[10]

1. Comparison of development to study evolution is called comparative .....  
a. embryology      b. anatomy      c. vertebrate      d. paleontology
2. the formation of hot gaseous condensed later to form  
a. life      b. spices      c. earth      d. universe
3. struggle for existence describe by  
a. lamarck      b. darwin      c. de-vries      d. none
4. false warning and signaling colouration are  
a. protective mimicry      b. aggressive mimicry      c. alluring colouration      d. all
5. potential mates do not meet is the process of.....isolation  
a. prevent inter specific      b. preventing      c. restriction reproduction      d. all
6. hybrid animals are survive through .....selection  
a. natural      b. artificial      c. revert      d. covert
7. which of the following is bottom feeder fish  
a. catla      b. mrigala      c. rohu      d. none
8. The carps are there in fresh water fishes?  
a. major      b. minor      c. common      d. all
9. the Desi breeds in poultry  
a. malay      b. ghagus      c. bustra      d. all
10. in India which of the following animal used for dairy industry  
a. cow      b. goat      c. sheep      d. all

Q-2 short question [any ten]

[20]

1. write theory of spontaneous generation
2. mention the movement of earth
3. write about objection of de vries theory
4. write about seasonal isolation
5. define artificial selection
6. experimental evidences of sexual selection
7. qualities of culturable fishes
8. draw labeled diagram of *rohu*
9. write about drag net
10. draw a labeled diagram of egg
11. write about slandered meal for buffalo
12. what is serum theory ?

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- Q-3 [a] embryological evidences of evolution [05]  
[b] state modern concept of origin of life [05]
- OR
- Q-3 explain Darwinism and Lamarckism [10]
- Q-4 [a] give feature of species and mode of speciation [05]  
[b] explain preventing mechanism in isolation [05]
- OR
- Q-4 [a] state importance of colouration [05]  
[b] explain macro and micro evolution [05]
- Q-5 describe byproduct of fishes [10]
- OR
- Q-5 describe methods of fishing [10]
- Q-6 write detail about pharmaceuticals from animals [10]
- OR
- Q-6 [a] food and feeding of fowls [05]  
[b] structure of fowl house [05]

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(2)