



**NBW-003-018404** Seat No. \_\_\_\_\_

**M. Sc. (Zoology) (Sem. IV) (CBCS) Examination**

**April / May - 2017**

**Zool. - 422 : Wildlife Biology & Animal Behaviour**  
*(Elective) (New Course)*

**Faculty Code : 003**

**Subject Code : 018404**

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 70

- 1 Answer the following in brief : (any seven) 2×7=14
- (a) Name the region where the India has Hangul.
  - (b) What are the causes of Wildlife depletion?
  - (c) What is the largest delta in India?
  - (d) What is the 3S technology in Wildlife study?
  - (e) Name the NP of India which has one horned Rhinoceros.
  - (f) Describe the importance of Zoo.
  - (g) Define Desert.
  - (h) What is the ungulates damage?
  - (i) What is Biological clock?
  - (j) Define altruism.
- 2 Answer the following : (any two) 7×2=14
- (a) Write note on wildlife of Andaman-Nicobar Islands.
  - (b) Write note on wildlife of Tropical Evergreen forests.
  - (c) Classify the Indian herpetofauna.
- 3 Answer the following : 7×2=14
- (a) How to rate the creation of Protected Areas (Pas) for in situ conservation?
  - (b) Write note on Wild Ass Sanctuary.

**OR**

- 3** Answer the following : **7×2=14**
- (a) What is a Hangul Project? When, why and in how many areas it was implemented?
  - (b) Discuss various control methods used for wildlife.
- 4** Answer the following : **7×2=14**
- (a) Describe Adaptive radiation.
  - (b) Write a short note on the migratory behaviour of birds and mammals.
- 5** Answer the following : (any **two**) **7×2=14**
- (a) Write explanatory note on the identification of damage.
  - (b) Success of Musk Deer Project.
  - (c) Write a short note on the social behaviour and parental care.
  - (d) Describe briefly the differences between National park and Sanctuaries.
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