



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc. (Hons.) Forestry 2016 Admission**  
**III Semester Final Examination-February-2018**

**Wild.2102**

**Ornithology (2+1)**

**Marks: 50**  
**Time: 2 hours**  
**(10x1=10)**

**I Choose the Correct Answer**

- 1 Which group of birds possesses forward facing eyes and facial disc?
 

a Warders	b Passerines
c Gulls	d Owls
- 2 Who proposed Satpura hypothesis?
 

a Salim Ali	b S L Hora
c A G K Menon	d P Rasmussen
- 3 Study of avian communication is called as -----
 

a Avian Osteology	b Avian acoustic
c Avian Mechanics	d Avian Endocrinology
- 4 Which is the member of the family Charadriidae
 

a Common Sandpiper	b Bar-tailed Godwit
c Lesser Sand Plover	d Black-winged Stilt

**State True or False**

- 5 Purple Sunbird constructs cup shaped nest

**Match the Following**

- |                   |              |
|-------------------|--------------|
| 6 Chimmony WLS    | a Trivandrum |
| 7 Kattampally     | b Palghat    |
| 8 Nelliampathy RF | c Kannur     |
| 9 Shendurney WLS  | d Thrissur   |
| 10 Peppara WLS    | e Kollam     |

**II Write Short notes on any FIVE of the following**

**(5x2=10)**

- 1 Define the term niche
- 2 What is allopatric and sympatric speciation?
- 3 State the morphological difference between owls and nightjars
- 4 Describe the term bird migration
- 5 Explain briefly the characteristics of the family Nectariniidae
- 6 Differentiate calls and songs in birds
- 7 State briefly about moult in birds

**III Answer any FIVE of the following.**

**(5x4=20)**

- 1 State the functions of feathers in birds
- 2 Briefly describe different types of bird nests
- 3 Describe commonly applied sampling techniques for birds
- 4 Write a short note on endemism and endemic birds of Western Ghats
- 5 Elaborate Ramsar site in Kerala
- 6 Explain briefly the characteristics Family: Bucerotidae with an example
- 7 What are the major threats to the birds in Kerala?

**IV Write an essay on any ONE of the following**

**(1x10=10)**

- 1 Write an essay on causes of bird migration?
- 2 RAMSAR sites in India and describe their uniqueness

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