

2024 - Basic Course in Ornithology

Week 11 Assignment

1)) According to the IUCN Red List, which one of the following is not a Critically Endangered bird species?

- (a) Bugun Liocichla
- (b) Indian Vulture
- (c) Narcondam Hornbill**
- (d) Jerdon's Courser

2) Given its role in driving species extinction of mountain birds, climate change is also known as the:

- (a) Escalator to extinction**
- (b) Harbinger of extinction
- (c) Bridge to extinction
- (d) Great dying

3) Keystone predation is associated with:

- a) Trophic cascades**
- b) Bottom-up community structuring
- c) Intraspecific competition
- d) Resource limitation

4) A caterpillar species has begun to emerge earlier in the year because suitable temperatures for its emergence are arriving in earlier months due to climate change. A bird species that feeds these caterpillars to its young during nesting has not changed its nesting time, however.

Therefore there are fewer caterpillars available to the young birds. This would be an example of:

- a) Delayed predation
- b) Phenological mismatch**
- c) Trophic cascade
- d) Stabilising selection

5) The brown tree snake, a type of cat snake, has caused widespread bird extinctions on which one of the following islands?

- a) Saipan
- b) Tinian
- c) Rota
- d) Guam**

6) Which of the following species is/was an island endemic?

- a) Passenger pigeon
- b) Dodo**

- c) Carolina Parakeet
- d) Egyptian Vulture

7) Which of the following species was the focus of targeted conservation efforts to reduce hunting in Nagaland?

- a) Peregrine Falcon
- b) Red-necked Falcon
- c) Amur Falcon**
- d) Lesser Kestrel

8) Which of the following is a grassland bird threatened with extinction?

- a) White-bellied Heron
- b) Bugun Liocichla
- c) Bengal Florican**
- d) Banasura Laughingthrush

9) Which one of the four species below, based only on body size, would be expected to be the most vulnerable to extinction?

- a) Purple sunbird
- b) Large-billed Crow
- c) Great Indian Bustard**
- d) Mallard Duck

10) Difficulties in comparing the quality of primary forest and degraded forest for birds arise from:

- a) Shifted baselines**
- b) Shifted trendlines
- c) Shifted goalposts
- d) Shifting sands

11) Illegal wildlife trade affects which of the following bird species in India?

- a) Pink-headed Duck
- b) Jerdon's Courser
- c) Red Munia**
- d) Purple Finch

12) Which of the following countries has the most threatened species?

- a) Philippines**
- b) Russia
- c) Canada

d) Democratic Republic of Congo

13) Within a radius of 100 km around breeding vulture colonies, conservationist designate the following and undertake measures to reduce the risk of mortality due to veterinary drugs. These areas are called

- (a) Vulture Sanctuary
- (b) Vulture Safe Zone**
- (c) Vulture Protection Zone
- (d) Vulture Awareness Zone

14) Electrocutation on high-tension wires is a serious threat for which one of the following Critically Endangered species

- (a) Sarus Crane
- (b) Black Eagle
- (c) Indian Courser
- (d) Great Indian Bustard**

15) The threat status for birds is assessed and listed on which of the following?

- a) IUCN Black List
- b) IUCN Blue List
- c) IUCN Green List
- d) IUCN Red List**

16) Random fluctuations in birth rates and death rates lead to:

- a) Environmental stochasticity
- b) Demographic stochasticity**
- c) Population stability
- d) Overharvesting

17) Overharvesting contributed to the extinction of which of the following bird species?

- a) Rodrigues Solitaire
- b) South Island Giant Moa
- c) Carolina Parakeet
- d) All of the above**

18) Climate change leads to

- a) Escalators to extinction
- b) Phenological mismatches
- c) Geographical range shifts
- d) All of the above**

19) The Siberian Crane used to spend its winter in which of the following national parks/wildlife sanctuaries?

- a) **Keoladeo Ghana, Bharatpur**
- b) Eaglenest Wildlife Sanctuary
- c) Gir National Park
- d) Thattekad Wildlife Sanctuary

20) Recently, a number of poultry farms in Andhra Pradesh reported that chickens were being infected by:

- a) Avian malaria
- b) **Bird flu**
- c) Avian pox
- d) Histoplasmosis