

Registration Number:

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**ST. JOSEPH’S UNIVERSITY, BENGALURU -27**

**Open Elective – I SEMESTER**

**SEMESTER EXAMINATION: OCTOBER 2023**

**(Examination conducted in November /December 2023)**

**ZOOE2: Indian Wildlife Biology**

**(For current batch students only)**

**Time: 2 Hours Max Marks: 60**

**This paper contains FOUR printed pages and FOUR parts**

**PART-A**

**Answer ALL the questions. 20 X 1 = 20**

1. The RAMSAR wetland site present in Karnataka is Pala wetland (True/False)
2. United Nations Environmental Program is the expansion of UNEP (True/False)
3. Himalayas, Indo-Burma Region, \_\_\_\_\_\_\_\_\_\_\_\_& Sundaland are examples of Biodiversity Hotspots
4. “The Conservation of one species indirectly conserves and protects other species.” This definition best describes \_\_\_\_\_\_(flagship species/ Keystone species)
5. Nagarahole National Park is located in Karnataka (True/False)
6. Bannerghatta national park is an important wildlife corridor for elephant (True/False)
7. Runn of Kutch Biosphere reserve is located in Kerala (True/False)
8. Lake Chilka is located in \_\_\_\_\_\_\_\_\_\_\_
9. Horticultural practices and agriculture are not permitted in eco sensitive zones (True/False)
10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is the current Union Minister for the Ministry of Environment, Forest and Climate Change

**Identify the class to which the animal belongs to**

|  |  |  |
| --- | --- | --- |
| 11 |   | 1. Amphibia
2. Mammalia
3. Reptilia
4. Aves
5. Osteichthyes
 |
| 12 |  Image result for bird | 1. Amphibia
2. Mammalia
3. Reptilia
4. Aves
5. Osteichthyes
 |
| 13 |  Image result for snake | 1. Amphibia
2. Mammalia
3. Reptilia
4. Aves
5. Osteichthyes
 |
| 14 |   | 1. Amphibia
2. Mammalia
3. Reptilia
4. Aves
5. Osteichthyes
 |
| 15 |  Index of /Library/Images/Slideshows/Gallery/Fauna/Mammals | 1. Amphibia
2. Mammalia
3. Reptilia
4. Aves
5. Osteichthyes
 |

 **Identify the animal based on pugmark/ fecal pellet**

|  |  |  |
| --- | --- | --- |
| 16 |    | 1. Tiger
2. Lion
3. Jaguar
4. cat
 |
| 17 |    | 1. Cow
2. Horse
3. Rabbit
4. Pig
 |
| 18 |    | 1. Gorilla
2. Rat
3. Hippopotamus
4. Elephant
 |
| 19 |    | 1. Human
2. Bear
3. Deer
4. Cow
 |
| 20 |    | 1. Frog
2. Hen
3. Rat
4. Aves
 |

**PART - B**

**Answer any FIVE of the following questions. 5 X 2 = 10**

1. What is a threatened species? Give two examples.
2. Mention two ways in which common people can participation in Conservation.
3. What are the criteria for qualifying an area as a Biodiversity Hotspot.
4. List four national parks found in Karnataka
5. How are mammals different from reptiles?
6. What is community forestry?
7. Write a note on competition with an example

**PART - C**

**Answer any TWO of the following questions. 2 X 5 = 10**

1. List some Salient Features of Wildlife Protection Act​, 1972.
2. Write a short note on mutualism and predation.
3. Briefly explain Climate change. How does it affect biodiversity?
4. Write a note on cheetah re-introduction in India.

**PART - D**

**Answer any TWO of the following questions. 2 X 10 = 20**

1. Describe *In-situ* and *ex-situ* conservation methods for wildlife conservation with examples.
2. Animals communicate in various ways among individuals of the same species or different species. Summarize the types with examples.
3. Explain Keystone species and umbrella species with examples

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