

Write the following information in the first page of Answer Script before starting answer

**ODD SEMESTER EXAMINATION: 2020-21**

Exam ID Number \_\_\_\_\_

Course \_\_\_\_\_ Semester \_\_\_\_\_

Paper Code \_\_\_\_\_ Paper Title \_\_\_\_\_

Type of Exam: \_\_\_\_\_ (Regular/Back/Improvement)

**Important Instruction for students:**

1. Student should write objective and descriptive answer on plain white paper.
2. Give page number in each page starting from 1<sup>st</sup> page.
3. After completion of examination, Scan all pages, convert into a single PDF and upload to the Google classroom as attachment.
4. Exam timing from 10am – 1pm (for morning shift).
5. Question Paper will be uploaded before 10 mins from the schedule time.
6. Additional 20 mins time will be given for scanning and uploading the single PDF file.
7. Student will be marked as ABSENT if failed to upload the PDF answer script due to any reason.

**M.Sc. ZOOLOGY**  
**THIRD SEMESTER**  
**BIORESOURCE & WILDLIFE MANAGEMENT**  
**MSZ – 306 MDC**

**Duration: 3 hrs.**

**Full Marks: 70**

( **PART-A: Objective** )

**Time: 20 min.**

**Marks: 20**

***Choose the correct answer from the following:***

***1×20=20***

1. A large zoo must have endangered species of about -
  - a. >50 numbers
  - b. >150 numbers
  - c. >250 numbers
  - d. None of these
2. How many species of tigers are there in the world?
  - a. Two
  - b. Three
  - c. Four
  - d. None of these
3. Snakes under human custody are termed as -
  - a. Domestic animal
  - b. Wild animal
  - c. Feral animal
  - d. None of these
4. Which one of the following shawl is illegally made in India?
  - a. Pashmina
  - b. Shahtoosh
  - c. Both a & b
  - d. None of these
5. The National Zoo Policy was framed in -
  - a. 1988
  - b. 1998
  - c. 2008
  - d. None of these
6. De-notification of a national park is -
  - a. Allowed
  - b. Not allowed
  - c. Both a&b
  - d. None of these
7. Which one of the following is correct?
  - a. The Wild life Protection Act, 1971
  - b. Wild life Protection Act, 1972
  - c. The Wild life (Protection) Act, 1972
  - d. None of these
8. How many Tibetan antelopes are killed for making one Shahtoosh shawl?
  - a. 1-2
  - b. 3-5
  - c. 6-9
  - d. None of these
9. How many species of crocodile and alligator of India are traded globally?
  - a. Three
  - b. Four
  - c. Five
  - d. None of these
10. How many zones are there in a national park?
  - a. One zones
  - b. Three zones
  - c. Five zones
  - d. None of these

11. Nuclear energy is a form of  
a. Non-renewable  
c. Partially renewable  
b. Renewable  
d. None of these
12. Coal mining is done by digging a huge hole in the ground is termed as -  
a. Hole mining  
c. Rat hole mining  
b. Void mining  
d. Open cast mining
13. Meghalaya has recently found reserves of -  
a. Gold  
c. Uranium  
b. Silver  
d. Platinum
14. Pine forests are characteristic of -  
a. Cold ecosystem  
c. Tropical ecosystem  
b. Arid ecosystem  
d. Deciduous ecosystem
15. India is the largest exporter of -  
a. Gold  
c. Silver  
b. Mica  
d. Uranium
16. USA has found oil reserves in -  
a. Florida  
c. Texas  
b. Philadelphia  
d. Arizona
17. Tropical rain forests in India are found in India in -  
a. Andaman  
c. Madhya Pradesh  
b. Gujarat  
d. Rajasthan
18. \_\_\_\_\_ is a carbon containing resource.  
a. Bauxite  
c. Diamond  
b. Molybdenum  
d. Tungsten
19. Mangrove forests are found in -  
a. Assam  
c. Uttarakhand  
b. Karnataka  
d. West Bengal
20. Hydro energy is used as -  
a. Chemical energy  
c. Potential energy  
b. Kinetic energy  
d. Electrical energy

**( PART-B : Descriptive )**

Time: 2hrs 40mins.

Marks: 50

*[ Answer question no.1 & any four (4) from the rest ]*

1. What do you mean by conservation? Write a note on the biological and ecological basis of wildlife conservation. 2+8=10
2. What do you mean by resources? Describe the different types of resources. 2+8=10
3. Define forest. Explain the various types of forests found in North East India. 10
4. What do you mean by a silviculture prescription? Write a note on the different types of silviculture treatments. 5+5=10
5. What is sericulture? Write an explanatory note on the life cycle and various types of silk and its uses. 2+4+4=10
6. How many sections and chapters are there in the wildlife act of India? State the various definitions briefed in this act. 2+8=10
7. Why wildlife census is done? Brief the different methods of wildlife census in India. 2+8=10
8. Define Zoo. Brief the management procedure of zoos in India. 2+8=10

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