

**M.Sc. WILDLIFE SCIENCES  
FOURTH SEMESTER  
RESEARCH DESIGN AND SCIENTIFIC COMMUNICATION  
MWS-401**

(Use separate answer scripts for Objective & Descriptive)

Duration : 3 hrs.

Full Marks : 70

**( PART-A : Objective )**

Time : 20 min.

Marks : 20

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

**1x20=20**

1. Research work is-
  - a. a systematic investigation
  - b. to find solution to a problem
  - c. both
  - d. none
2. Research design is important-
  - a. to minimize bias in data collection.
  - b. to minimize bias in data analysis.
  - c. to draw a definite conclusion of the research.
  - d. all of the above.
3. Which one of the following is the correct name?
  - a. Prevention of Cruelty to Animal Act, 1961.
  - b. The Prevention of Cruelty to Animal Act, 1961.
  - c. The Prevention of (Cruelty to Animal) Act, 1960.
  - d. None.
4. Intellectual Property includes-
  - a. literary works
  - b. invention
  - c. industrial designs
  - d. all of the above
5. How many sections are there in the Cruelty Act of India?
  - a. 29
  - b. 39
  - c. 66
  - d. None
6. The copy right covers-
  - a. original literary
  - b. dramatic work
  - c. artistic works
  - d. all of the above
7. Why the statement of problem is required in research?
  - a. Gap identification
  - b. Requirement identification
  - c. Both
  - d. None
8. Period of Patents -
  - a. 10 years
  - b. 20 years
  - c. 100 years
  - d. none
9. Importance of review of literature is-
  - a. gap identification
  - b. requirement identification
  - c. both
  - d. none

10. The term *ethics* derives from-
- |                |               |
|----------------|---------------|
| a. Greek word  | b. Latin word |
| c. French word | d. none       |
11. In research, objectives includes-
- |   |  |
|---|--|
| a. issues that will be covered under the study. | b. issues already covered under the study. |
| c. both.  | d. none.                                   |
12. The term "bioethics" was coined by-
- |              |               |
|--------------|---------------|
| a. Odum      | b. Fritz Jahr |
| c. Bernstein | d. None       |
13. In which year, the breeding and experiment on animal rules of India was enacted?
- |         |         |
|---------|---------|
| a. 1997 | b. 1998 |
| c. 1999 | d. None |
14. Abstract of a research paper is in-
- |                 |               |
|-----------------|---------------|
| a. concise form | b. broad form |
| c. both         | d. none       |
15. What is the full form of IPR?
- |  |  |
|--|--|
| a. International Prosperity for Research | b. International Property for Research |
| c. Intellectual Property Rights          | d. None                                |
16. Bio-ethics include-
- |                 |                  |
|-----------------|------------------|
| a. human ethics | b. animal ethics |
| c. both         | d. none          |
17. Which factors determine the methodology of a research?
- |                                      |                              |
|--------------------------------------|------------------------------|
| a. Statement of the research problem | b. Objective of the research |
| c. Gap of the research               | d. None                      |
18. What is called if you copy the text directly from the internet and use it in your dissertation?
- |                  |               |
|------------------|---------------|
| a. Ethical issue | b. Plagiarism |
| c. Piracy        | d. None       |
19. If you kill a domestic animal and use it in your research, then it is the violation of-
- |  |
|--|
| a. The Breeding and Experiments on Animals Rules of India. |
| b. The Cruelty to Animal Act of India.                     |
| c. Both.   |
| d. None.   |
20. What is the full form of IAEC?
- |  |
|--|
| a. International Animals Ethics Committee. |
| b. Interim Animals Ethics Committee.       |
| c. Institutional Animals Ethics Committee. |
| d. None.                                   |

**[ PART-B : Descriptive ]**

Time : 2 hrs. 40 min.

Marks : 50

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

- |   |          |
|---|----------|
| 1. What do you mean by literature review? How can you distinguish between good and bad literature review? Brief a note on the purpose of literature review.           | 2+4+4=10 |
| 2. What do you mean by research design? State the various functions of research design.   | 2+8=10   |
| 3. Write the correct name of the breeding and experiment of animal rules of India. Why this rule is important? State about the major important sections of this rule. | 2+4+4=10 |
| 4. Define the term "abstract". What are the major differences between abstract and summery?   | 2+8=10   |
| 5. Define the term "ethics". What are the major areas of ethics? Also write a note on the aspects covered under the animal ethics.                                    | 2+4+4=10 |
| 6. Why IAEC is required? State the composition and functions of IAEC.   | 2+4+4=10 |
| 7. State the do's and don'ts of aim and objectives for a research.  | 2+8=10   |
| 8. What is the full form of CPCSEA? Write a note on the function of CPCSEA.   | 2+8=10   |

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