

No. of Printed Pages : 7

21Z003S3LP

Question Booklet Code

A

Question Booklet
Serial Number

M.Sc. III Semester Degree Examination, April/May - 2023

Skill Enhancement Courses (SEC)

ZOOLOGY

Research Methodology

(CBCS)

Time : 1 Hour

Maximum Marks : 30

INSTRUCTIONS TO CANDIDATES

1. The Question Paper will be given in the form of a Question Booklet. There will be four/two/one versions of Question Booklets with Question Booklet Code viz. **A, B, C & D / A & B / A**.
2. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same Code.
3. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him contains all the 30 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same Code. This is most important.
4. A blank sheet of paper is attached to the Question Booklet. This may be used for Rough Work.
5. **Please read carefully all the instructions on the top of the Answer Sheet before marking your answers.**
6. Each question is provided with four choices **(A), (B), (C)** and **(D)** having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using **Black Ball-Point Pen** in the OMR Answer Sheet.
7. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator.
8. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.
9. First fifteen minutes is provided to fill the general information of the Student. Eg. Student Name, Student ID, etc. in the OMR Answer Sheet.
10. Without the instruction of the Invigilator do not open the Question Paper Booklet Seal.

A



P.T.O.

1. What should a conclusion chapter contain ?
 - (A) A sense of the research story
 - (B) A summary of the key findings
 - (C) Reflection on what these findings mean
 - (D) All of the above

2. What is an ethics committee ?
 - (A) People who like to talk a lot
 - (B) A group of people who think about hypothetical research
 - (C) A group of experienced people who will consider a research proposal and the degree to which ethical issues have been considered appropriately
 - (D) A group of experienced people who are useful to draw on when writing a proposal as an optional extra

3. Who can successfully conduct Research ?
 - (A) Someone who is a hard worker
 - (B) Possesses post-graduation degree
 - (C) Has studied research methodology
 - (D) Possesses thinking and reasoning ability

4. What are the core elements of a dissertation ?
 - (A) Introduction; Data Collection; Data Analysis; Conclusions and Recommendations
 - (B) Executive Summary; Literature Review; Data Gathered; Conclusions; Bibliography
 - (C) Research Plan; Research Data; Analysis; References
 - (D) Introduction; Literature Review; Research Methodology; Results; Discussions and Conclusions

5. Research is :
 - (A) Searching again and again
 - (B) Finding solution to any problem
 - (C) Working in a scientific way to search for truth of any problem
 - (D) None of the above

6. Should data and discussion of data be presented as two separate chapters ?
 - (A) Never. They are inappropriate for early childhood research
 - (B) Always. Students tend to undertake qualitative research projects
 - (C) Possibly, depending on the kind of research undertaken and tutor advice
 - (D) Possibly, depending if there is time to complete two chapters as opposed to one larger chapter

7. Why is it important to reference the sources you use ?
 - (A) So that your tutor can locate all of your sources.
 - (B) To give context and evidence to your arguments.
 - (C) To demonstrate your understanding of a topic.
 - (D) All of the above

A



8. Which one among the following is the most comprehensive source of population data ?
- (A) Census
 - (B) National Sample Surveys
 - (C) Demographic Health Surveys
 - (D) National Family Health Surveys
9. To meet the criteria for authorship, authors must have made substantial contributions to the work in which of the following areas ?
- (A) Conception and design, or acquisition of data, or analysis and interpretation of data.
 - (B) Drafting the manuscript or revising it critically for important intellectual content
 - (C) Approval of the version of the manuscript to be published
 - (D) All of the above
10. When should et.al., be used in MLA style ?
- (A) When there the source has 2 authors
 - (B) When there the sources has 3 or more authors
 - (C) When the author of the source is anonymous
 - (D) None of these
11. The format of thesis writing is the same as in :
- (A) Writing of Seminar representation
 - (B) Preparation of research paper/article
 - (C) A research dissertation
 - (D) Presenting a workshop/conference paper
12. Research and Development become the index of development of the country. Which of the following reasons are true with regards to this statement ?
- (A) R & D targets human development
 - (B) R & D can enhance people's standard of living in the country
 - (C) R & D reflects the actual economic and social conditions being prevailed in the country
 - (D) All the above
13. APA stands for :
- (A) American Psychological Association
 - (B) American Political Association
 - (C) Asian Political Association
 - (D) Asian Psychological Association
14. Which of the following options are the main tasks of research in modern society ?
- (A) To learn new things
 - (B) To keep pace with the advancement in knowledge
 - (C) To systematically examine and critically analyze the investigations/sources with the objective
 - (D) All of the above



15. Which of the following should you NOT do when paraphrasing ?
(A) Restate information and ideas accurately.
(B) Use your own language and style.
(C) Change just one or two words in a sentence.
(D) Reference the source.
16. Which one among the following falls under the category of research development ?
(A) Descriptive Research (B) Philosophical Research
(C) Action Research (D) All of the above
17. How is random sampling helpful ?
(A) Reasonably accurate
(B) An economical method of data collection
(C) Free from personal biases
(D) All of the above
18. Which of the following are grounds for a charge of scientific misconduct ?
(A) Fabrication or falsification of data
(B) Plagiarism
(C) Manipulation of figures that alter the original data
(D) All of the above
19. Which one among the following statements is correct in context to research ?
(I) Research refers to a series of systematic activity or activities undertaken to find out the solution to a problem.
(II) It is a systematic, logical and unbiased process where in verification of hypotheses, data analysis, interpretation and formation of principles can be done.
(III) It is an intellectual inquiry or quest towards truth.
(IV) It enhances knowledge.
Select the **correct** answer from the codes given below :
(A) (I), (II), (III) and (IV)
(B) (I), (II) and (III)
(C) (II), (III) and (IV)
(D) (I), (III) and (IV)
20. Field-work based research is classified as :
(A) Empirical (B) Historical
(C) Experimental (D) Biographical
21. Circle graphs are used to show :
(A) How is one part related to other parts ?
(B) How various sections share in the whole ?
(C) How is one whole related to another whole ?
(D) How are various parts related to the whole ?



22. Content analysis is :

- (A) Analysis of the contents page of a textbook
- (B) A quantitative, numerical technique for systematically describing written, spoken or visual communication
- (C) The process of extracting meaning from raw data
- (D) A process used in writing a literature review where the 'literature' is not merely described but subject to a process of interrogation

23. PowerPoint opens with a new slide that asks for a _____ and _____.

- (A) Text box, picture box
- (B) Quick art, border
- (C) Slide, presentation
- (D) Title, subtitle

24. Which of the following are unethical in the context of research ?

- (I) Seeking informed consent of respondents
- (II) Offering incentives to respondents
- (III) Coercing respondents for sensitive personal information
- (IV) Hiding the research purpose from respondents

Select the **correct** answer from the codes given below :

- (A) (I), (II), (III) only
- (B) (II), (III), (IV) only
- (C) (III), (IV) only
- (D) (I), (IV) only

25. Match list 1 with list 2

| List 1 | | List 2 | |
|-----------------|----------------------|---------------|---|
| Research Design | | Type of Study | |
| (a) | Sampling design | (i) | Pre-planned design for analysis |
| (b) | Statistical design | (ii) | Structured or well thought out instruments for collection of data |
| (c) | Observational design | (iii) | Advanced decisions about operational procedures |
| (d) | Operational design | (iv) | Probability sampling design |

Choose the right answer from the options given below

- (A) (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)
- (B) (a)-(i), (b)-(iii), (c)-(iv), (d)-(ii)
- (C) (a)-(iii), (b)-(ii), (c)-(i), (d)-(iv)
- (D) (a)-(ii), (b)-(iv), (c)-(iii), (d)-(i)



26. Which of the following features are considered as critical in qualitative research ?
- (A) Collecting data with the help of standardized research tools.
 - (B) Design sampling with probability sample techniques.
 - (C) Collecting data with bottom-up empirical evidence.
 - (D) Gathering data with top-down schematic evidence.
27. What is meant by 'informed consent' ? Indicate the best answer.
- (A) Telling people who you are and what you are studying
 - (B) The ethics committee is informed about the research
 - (C) Participants are given a clear indication what the research is about and what their involvement would entail
 - (D) Participants are informed about the findings of the research at the end of the project
28. In a manuscript written by a group, where should the names of the group members who do not qualify for authorship be listed ?
- (A) All members of the group should be listed in the byline regardless of qualification for authorship
 - (B) Those members of the group who do not qualify for authorship should be listed in the by line with a footnote explaining that they are group members who did not meet the qualification for authorship
 - (C) Those members of the group who do not qualify for authorship should be listed in Acknowledgment, Article Information section, or Supplement
 - (D) Those members of the group who do not qualify for authorship should not be listed anywhere in the article
29. Under the quality mandate of UGC, the acronym 'CARE' stands for :
- (A) Commission for Academic and Research Ethics
 - (B) Centre for Academic Research and Ethics
 - (C) Consortium for Academic and Research Ethics
 - (D) Computer aided Research and Education
30. Research problem is selected from the stand point of :
- (A) Researcher's interest
 - (B) Financial support
 - (C) Social relevance
 - (D) Availability of relevant literature

- o O o -

A



SPACE FOR ROUGH WORK

A



