

Swami Vivekananda Yoga Anusandhana Samsthana (S-VYASA)
A Deemed to be University established under Section 3 of the UGC Act, 1956

Program: Ph.D.(Yoga)

Subject Name: Tools and Techniques for Yoga Research

Sem Period: Aug, 2022 to Dec, 2022

Date: 25.11.2022

Examination Mode: Back Paper

Semester: 2nd Semester

Subject Code: YLS PhD 19805

Batch: September, 2021

Time: 09.30 am to 12.30 pm

Max. Marks: 100

General Instructions:

1. Read all the questions carefully and then start writing
2. Do not write anything on the question paper
3. Write your registration number on the rectangular space provided here

Reg No:

Short Notes (Attempt any Ten) – 5 Marks for each Question 10 *05 =50 Marks

1. Explain in detail the evoked potentials?
2. What is 10-20 electrode placement?
3. What is a signal-to-noise ratio?
4. What is the best method to understand the oxygen content in the brain's blood flow?
5. What is the SI unit of EEG, ECG, and OxyHb measurements?
6. Name the two major types of Nucleic acids found in nature
7. Mention the two categories of Nitrogenous bases
8. What are the two important types of bonds in double-stranded DNA
9. Briefly explain the principle of Gel electrophoresis.
10. Explain the central dogma of Molecular Biology
11. Name of the measure tool for skin conductance

Short Essay (Attempt any Two) – 10 Marks for each Question 2 *10 =20 Marks

12. Mention the 5 different salient features of the Watson and Crick DNA model
13. Write about 3 types of ELISA
14. Write a neat labeled diagram of double-stranded DNA
15. Name the important tools used for cognitive paradigm/tests development.

Long Essay: (Attempt ALL) – 15 Marks for each Question 2* 15 =30 Marks

16. Explain different types of Electrophysiological measurements? How these measurements are useful for Yoga research?
17. What is Heart Rate Variability (HRV)? What are the important indices (measurements) of HRV and how it is useful for Yoga Research?

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Program: Ph.D.(Yoga)

Semester: 2nd Semester

Subject Name: Research Communication and Publication
Ethics

Subject Code: PhDT-202

Sem Period: Aug, 2022 – Dec, 2022

Batch: September, 2021

Date: 25.11.2022

Time: 09.30 am to 12.30 pm

Examination Mode: Back Paper

Max. Marks: 100

General Instructions:

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Reg No:

Short Notes (Attempt any Ten) – 2 Marks for each Question 10 *02 =20 Marks

1. What is IEC?
2. What is IRB ?
3. What is plagiarism?
4. What are the major softwares to check plagiarism?
5. How to calculate sample size?
6. Write a short note on h index
7. Briefly explain journal impact factor
8. What are predatory journals?
9. Write a short note on Mendeley reference manager
10. Write a short note on Using ITranslator for writing Devanagari
11. What is effect size ?
12. Briefly explain authorship criteria for publication

Short Essay (Attempt any Eight) – 5 Marks for each Question 08 *5 =40 Marks

13. Briefly explain research ethics
14. Explain structure of synopsis writing
15. How to write Research grant? what are major funding agencies?
16. Explain importance of references in a research paper. Explain APA & Vancouver reference style
17. How to write a review article ? what are the types of review article ?
18. How to identify the right journal for publication
19. Write a short note on poster presentation in a conference
20. Explain journal peer review process
21. Explain STROBE guidelines for reporting observational studies

Long Essay: (Attempt any Four) – 10 Marks for each Question 4* 10 =40 Marks

22. Explain publication process
23. Explain PhD Thesis writing. Explain what are the chapters and how to write each of them
24. Explain CONSORT checklist
25. Explain PRISMA Guidelines
26. Explain CARE guidelines