

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

Program: MSc (YT)
Subject: Anatomy and Physiology
Semester Period: Sep, 2020 – Feb, 2021
Date: 06.Feb, 2021
Examination Mode: Regular

Semester: 1st Sem
Subject Code: MSTIE – 103
Batch: Sep, 2020
Time: 10 am – 12 pm
Total Marks: 50

General Instructions:

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

Reg No:

Short Notes [Attempt any Five]

5*2= 10 marks

1. Name the 9 quadrants of abdomen
2. Humerus
3. Vocal cords
4. Define artery and name its layers.
5. Antidiuretic hormone
6. Paranasal sinuses
7. Hypothalamus

Short Essay [Attempt any Four]

4*5 = 20 marks

8. Explain the anatomy of nucleus with a neat labelled diagram.
9. Explain bones of the skull in detail.
10. Write a short note on conducting system of the heart.
11. Explain anatomy of pancreas along with its endocrinal functions.
12. Explain structure and function of nephron with neat labelled diagram.
13. Phases of menstrual cycle.

Long Essay [Attempt any Two]

2*10 = 20 marks

14. Explain the process of respiration in human body. Write about the transportation of oxygen and carbon dioxide.
15. What are the components of female reproductive system? Explain Uterus in detail.
16. Explain location and structure pituitary gland. Name the hormones secreted and its respective functions.
17. Explain in detail regarding anatomy of digestive system.

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Program: MSc (YT)

Subject: Research Methodology

Semester Period: Sept 2020 – Jan 2021

Date: 04. Feb, 2021

Examination Mode: Regular

Semester: 1st Sem

Subject Code: MSTIC -102

Batch: Sep, 2020

Time: 10 am – 12 pm

Total Marks: 50

General Instructions:

- Write your registration number on the rectangular space provided here
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- Read all the questions carefully and then start writing

Reg No:

Multiple Choice Questions [Attempt all]

5*2= 10 marks

1. "To study effect of Bharamari Pranayama on memory in school children", is an example of
 - a) Experimental and basic research
 - b) Quantitative and Basic research
 - c) Applied and Experimental research
 - d) Theoretical and Basic research

2. Arrange the following steps involved in a research process, according to the correct order:
 - a) Research question, data collection, design, analysis
 - b) Design, research question, data collection, analysis
 - c) Research question, design, data collection, analysis
 - d) Analysis, research question, design, data collection

3. Identify the type of suitable research question: "What is the prevalence of ADHD in urban Bangalore city schools? "
 - a) Descriptive
 - b) Correlational
 - c) Causal
 - d) None of the above

4. When the p value is 0.45, power is 0.90 and the null hypothesis is: There is no difference in means of yoga and control group, what will the researcher conclude?
 - a) Reject the null hypothesis, and conclude yoga does not work
 - b) Fail to reject null hypothesis, and conclude yoga does not work
 - c) Reject the null hypothesis, and conclude yoga does work
 - d) Fail to reject null hypothesis, and conclude yoga works

5. A variable income has been classified as: Low (less than Rs. 10,000), Medium (Rs. 10,001 - 30,000), and High (Rs. 30,001 and above). Income in this example is:
 - a) Nominal
 - b) Ordinal
 - c) Interval
 - d) Ratio

Short Essay [Attempt any Four]

4*5 = 20 marks

6. Explain Narrative review, systematic review and meta analysis.
7. Explain levels of measurement.
8. Explain Research Ethics.
9. A researcher decides to study the effect of yoga on 30 participants. He randomly divides them into two groups and gives yoga intervention to one group and promises the other group to give yoga after the study is completed. Suggest suitable design and analysis.
10. Suggest methods of controlling Type-I and Type-II errors.
11. What are probability and non-probability sampling techniques? What are their advantages and disadvantages?
12. What is sample size calculation and how is it done?

Long Essay [Attempt any Two]

2*10 = 20 marks

13. Describe Null Hypothesis Significance Testing (NHST).
14. Describe various experimental designs with suitable examples.
15. Explain in detail validity and reliability.
16. Describe in detail the process of literature survey.
17. Explain Central Limit Theorem. If standard deviation is 21 and sample size is 49, what will be the standard error. How will the standard error be influenced on increasing the sample size?

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Program: MSc (YT)

Semester: I

Subject: Yoga Philosophy

Subject Code: MSTDC-101

Semester Period: Sept, 2020 – Feb, 2021

Batch: Sep, 2020

Date: Feb 2nd, 2021

Time: 10 am – 12 pm

Examination Mode: Regular

Total Marks: 50

General Instructions:

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

Reg No:

Short Notes [Attempt any Five]

5*2= 10 marks

1. Who classified Vedas? Mention at least two names to whom he taught.
2. List at least 4 Upanishad prakriyas.
3. Mention the types of Karmas according to Vedas.
4. Which is the smallest and which is the largest Upanishad?
5. Define the meaning of the word dharma.
6. List any two Yajurveda Upanishads
7. Write any 4 qualities of Atma.

Short Essay [Attempt any Four]

4*5 = 20 marks

8. What is the content of Vedas?
9. Write short notes on Prasthan Traya.
10. Write short notes on Happiness Analysis.
11. Differentiate Nyaya and Dharma.
12. Write short notes on Nyaya Darshana
13. Describe the way Narada defined Bhakti and its benefits.

Long Essay [Attempt any Two]

2*10 = 20 marks

14. Write long notes on Vedas (meaning and content) and Vedangas.
15. Yajnas help man to move from Tamas to Rajas to Sattva. Comment.
16. What is the need to go beyond gunas when Sattva is the best?
17. What is bhakti? What is para bhakti? What are the benefits of bhakti?
Elaborate in view of Narada Bhakti Sutras.