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

Program: MSc (YC)
Subject: Anatomy and Physiology
Semester Period: Sep, 2020 – Feb, 2021
Date: Feb 6th, 2021
Examination Mode: Regular

Semester: 1st Sem
Subject Code: MSYCT-102
Batch: Sep, 2020
Time: 10 am – 12 pm
Total Marks: 50

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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:

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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.

Program: MSc (YC)
Subject: Atmabodha
Semester Period: Sep, 2020 – Feb, 2021
Date: Feb 10th, 2021
Examination Mode: Regular

Semester: 1st Sem
Subject Code: MSYCT – 105
Batch: Sep, 2020
Time: 10 am – 12 pm
Total Marks: 50

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General Instructions:
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Reg No:

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Short Notes [Attempt any Five]	5*2= 10 marks

1. Who are the eligible people for studying Atmabodha?
2. As fire is the direct cause for cooking what is the direct source for liberation?
3. Can karma destroy ignorance?
4. When ignorance is destroyed what is revealed?
5. What are the three bodies?
6. "Sun shines when clouds move away"- What is compared with this example?

Short Essay [Attempt any Four]	4*5 = 20 marks

7. Explain the opening Sloka of Atmabodha?
8. Discuss why does the self-appear to be finite?
9. Give an account of the comparison of Samsara with dream?
10. Explain the comparison of Oyster shell shining as silver?
11. Explain the air bubble example?
12. Write short notes on Bangle and bracelet example?

Long Essay [Attempt any Two]	2*10 = 20 marks

13. Write an essay about the austerities to be followed by the Sadaka?
14. Explain karma and jnanam with the arguments given in Atmabodha ?
15. Discuss about the true consciousness?
16. Write an essay about the limitless Hrishikesha appears as limited?

Program: MSc (YC)   **Semester:** 1st Sem

Subject: Research Methodology   **Subject Code:** MSYCT – 101

Semester Period: Sept 2020 – Jan 2021   **Batch:** Sep, 2020

Date: 04. Feb , 2021   **Time:** 10 am – 12 pm

Examination Mode: Regular   **Total Marks:** 50

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General Instructions:
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Reg No:

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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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Short Notes [Attempt any Five]   5*2= 10 marks

1. What is samskritam
2. How many letters are there in samskritavarnamala and mention the sub division
3. How many cases and numbers are there in shabdaroopa
4. Write any 5 pronouns in samskitam
5. Write the timings in Devanagari 1: 45, 6.30. 2.25, 8.10
6. Write the meaning of these words in Devanagari (Pen , Table, knife, plate)
7. Traslate into devanagari
   Ramas son lava
   Latas friend sita

Short Essay [Attempt any Four]   4*5 = 20 marks

8. Write 24 declaration of each gender. (Masculine, Feminine, Neutral)
9. Translate these words into devanagari and frame a sentence (He, she, It, You, I)
10. Write any two verbs in 2 tenses
11. Frame a sentences by using 7 cases
12. Write any 5 verses in Sanskrit from Bhagavadgita
13. Write all days of the week in Devanagari

Long Essay [Attempt any Two]   2*10 = 20 marks

14. Write the numbers in devanagari 1 – 50
15. Write conjunction letters ofभि र त
16. Write any simple sentences by using verb noun and pronoun.
17. Complete the verse and write its meaning रामो राजमणिः ------ राम मामुद्धर ॥

Program: MSc (YC)
Subject: Tarka Sangraha
Semester Period: Sept, 2020 – Feb, 2021
Date: Feb 2nd, 2021
Examination Mode: Regular

Semester: 1st Sem
Subject Code: MSYCT-104
Batch: Sep, 2020
Time: 10 am – 12 pm
Total Marks: 50

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General Instructions:
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- Read all the questions carefully and then start writing

Reg No:

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Short Notes [Attempt any Five]   5*2= 10 marks

1. Name the 24 Gunas
2. Padartha called Karma
3. Paratva & Aparatva (Farness & Nearness)
4. Ayathaartha-anubhava (Invalid apprehension)
5. Paraamarsha (Subsumptive-reflection) with regard to the inference of fire on hill
6. Shabda-pramaana definition as per Naiyaayika

Short Essay [Attempt any Four]   4*5 = 20 marks

7. Lakshana (defining characteristic) – definition, defects, valid lakshana
8. Atman - lakshana, types, proof of Ishwara and discussion of size of Atman
9. Roopa, Rasa, Gandha, Sparsha – lakshana, types, where they exist
10. Kaaranam (Cause) – complete definition, discuss each word in definition
11. Hetvaabhaasa called Savyabhichaara (straying reason)
12. Eternality of Vedas – Mimamsaka & Naiyaayika views

Long Essay [Attempt any Two]   2*10 = 20 marks

13. Saamaanya, Vishesha, Samavaaya & Abhaava
14. Lingam – define linga-paramarsha, explain each type of Linga with 5-member syllogism
15. Shakti – Mimamsaka Vs Naiyaayika view, process of grasping shakti
16. The goal of Nyaya-shastra is Moksha (Liberation)