

MPSYH 201

REG.NO.....

CHOICE-BASED CREDIT SYSTEM SECOND SEMESTER M.Sc. DEGREE EXAMINATION
APRIL 2019

M. Sc. PSYCHOLOGY
PHYSIOLOGICAL PSYCHOLOGY

Time: 3 Hrs

Max. Marks: 70

I Answer any SIX of the following (6×2=12)

- a) Sympathetic Nervous System
- b) Down's syndrome
- c) Pedigree
- d) Equipotentiality and mass action
- e) Psychological benefits of meditation
- f) Brain Plasticity
- g) Euthenics
- h) CCK

II Answer any TWO of the following (2×8=16)

- 1) Neurotransmitters
- 2) Genetic Engineering
- 3) Hypovolemic thirst

III Answer the following questions: (3×14=42)

- 4 a) Explain Mendel's principles of inheritance.

Or

- b) Delineate the relevance of twin and adoption studies in understanding human behaviour.

- 5 a) Discuss the structural, chemical and genetic correlates of intelligence.

Or

- b) Elaborate on the psychophysiology behind stages of sleep.

- 6 a) Discuss the neuroelectrical and neuroimaging techniques of studying the brain.

Or

- b) Explain the process of intercellular communication between neurons.

CREDIT- BASED SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2019

M.Sc. PSYCHOLOGY
PERSONALITY THEORIES

Time: 3 Hrs

Max. Marks: 70

I Answer any SIX of the following:**(6×2=12)**

- a) Theory
- b) Personology
- c) Subsidiation
- d) Fully functioning Persons
- e) Locus of Control
- f) Positive Reinforcement
- g) Self Efficacy
- h) Neuroticism

II Answer any TWO of the following:**(2×8=16)**

- 1) Feminine Psychology
- 2) Limited- Domain approach by David McClelland.
- 3) Any five Corollaries of George Kelly

III Answer the following questions:**(3×14=42)**

- 4) a) Critically evaluate self-report inventories and projective tests as evaluation methods of Personality
Or
b) Compare and contrast Freudian and Neo-Freudian theories of Personality.
- 5) a) Evaluate Erikson's theory of Personality development.
Or
b) Bring out the importance of behaviouristic theories in understanding personality
- 6) a) Discuss Kurt Lewin's field theory of Personality
Or
b) Evaluate eastern approach to understand the concept of personality.

CREDIT- BASED SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2019

M.Sc. PSYCHOLOGY

PSYCHOLOGICAL TESTING

Time: 3 Hrs

Max. Marks: 70

I Answer any SIX of the following:**(6×2=12)**

- a) Deviation IQ
- b) Coefficient alpha
- c) Army alpha test
- d) Expectancy Table
- e) JND
- f) K. R20 Formula
- g) Deciles
- h) Face validity

II Answer any TWO of the following:**(2×8=16)**

- 1) Use of computers in interpretation of test scores.
- 2) Steps in item writing
- 3) Method of Minimal Change

III Answer the following questions:**(3×14=42)**

- 4) a) Elaborate on the nature, types and uses of Psychological tests.
Or
b) What is reliability? Describe the procedure of establishing alternate form reliability.
- 5) a) What are norms? Describe the steps in developing norms.
Or
b) Delineate the steps in test construction.
- 6) a) Give a detailed account on Item Analysis.
Or
b) Define validity. Examine the relationship between reliability and validity and suggest methods to improve validity.

M.Sc. PSYCHOLOGY
POSITIVE PSYCHOLOGY

Time: 3 Hrs

Max. Marks: 70

I Answer any SIX of the following:

(6×2=12)

- a) Emotions
- b) Resilience
- c) Engaged life
- d) Flow
- e) Gratitude
- f) Empathy
- g) Virtues
- h) Hope

II Answer any TWO of the following:

(2×8=16)

- 1) Assumptions and goals of positive psychology.
- 2) Broaden-and-Build theory of positive emotions.
- 3) Positive communities.

III Answer the following questions:

(3×14=42)

- 4) a) Compare and contrast the western and eastern perspectives on positive psychology
Or
b) Give a detailed account on happiness across- life span.
- 5) a) What is mindfulness? Explain the underpinning mechanism of mindfulness enhancing well-being.
Or
b) Explain the Sternberg's theory of wisdom.
- 6) a) What is happiness? Explain the factors contributes to happiness.
Or
b) Elaborate on the methods to enhance positive work place.

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M.Sc. PSYCHOLOGY
STATISTICS WITH SPSS

Time: 3 Hrs

Max. Marks: 70

I Answer any SIX of the following: (6×2=12)

- a) SPSS
- b) Theory
- c) Frequencies
- d) Regression
- e) Mean
- f) Normality
- g) Continues variable
- h) Parametric statistics

II Answer any TWO of the following: (2×8=16)

- 1) SPSS file management
- 2) Make a short note on Linear correlation
- 3) Assumption for t-test

III Answer the following questions: (3×14=42)

- 4) a) Give a detail account on the research process.
 Or
 b) Explain the procedures/ steps involved in data editor with suitable examples.
- 5) a) Give an interpretation for the following normality SPSS output, which used the Kolmogorov –Smirnov test and the Shapiro- Wilk test to assess the normality for the sample size of 13.

Tests of Normality

Course	Kolmogorov - smirnov ^a			Shapiro -Wilk		
	Statistic	df	sig	Statistic	df	sig
Time Beginner	.177	10	.200*	.964	10	.827
Intermediate	.166	10	.200*	.969	10	.882
Advanced	.151	10	.200*	.965	10	.837

a. Lilliefors Significance Correction

*. This is a lower bound of the true significance.

Or

b) What is correlation? Explain the SPSS procedure to run the correlation analysis.

6) a) What is regression? Describe the procedures to code the data and run the regression analysis in SPSS.

Or

b) What is hypothesis? Form an appropriate hypothesis for the following SPSS one way ANOVA output and interpret the results.

Descriptive

Profit for Fiscal Q1 2017

	N	Mean	Std. Deviation	Std. Error	95%confidence interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Apple	10	5.5000	2.50555	.79232	3.7076	7.2924	2.00	9.00
Microsoft	10	12.5000	2.41523	.76376	10.7722	14.2278	8.00	15.00
Google	10	8.3000	1.94651	.61554	6.9076	9.6924	4.00	11.00
Total	30	8.7667	3.67361	.67071	7.3949	10.1384	2.00	15.00

ANOVA

Profit for Fiscal Q1 2017

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	248.267	2	124.133	23.421	.000
Within groups	143.100	27	5.300		
Total	391.367	29			
