

# CENTRAL UNIVERSITY OF HARYANA

Term End Examinations, March- 2023

Programme: B.Sc. Psychology

Session: 2022-23

Semester: First

Max. Time: 3 Hours

Course Title: General Psychology (GEC)

Max. Marks: 70

Course Code: SHSS PSY 03 01 01 GEC 5106

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## Instructions:

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and a half Marks.

2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a. What is psychology? Explain in brief
- b. What are the major scopes of psychology?
- c. What do you understand by methods of study? Name its major types.
- d. What is motivation? Explain any two types of motivation.
- e. Explain the nature of perception.
- f. Explain briefly the two-factor theory of intelligence.
- g. What is the nature of intelligence?

Q 2. (2X7=14)

- a. Discuss the structuralism and functionalism schools of psychology.
- b. Differentiate between the observation and the case study method of psychology.
- c. Describe the experimental method in detail with a suitable example.

Q3. (2X7=14)

- a. Describe the nature and types of sensation in detail.
- b. c. Discuss laws of perception given by gestalt psychologists in detail.

Write in detail about the process of perception by giving daily life examples.

Q 4. (2X7=14)

- a. Describe the drive-reduction theory in detail with examples.
- b. Contrast between Cannon-Bard and James-Lange's theory of emotion.
- c. Critically explain the need hierarchy theory given by Abraham Maslow.

Q 5.

(2X7=14)

- a. Describe in detail the multiple intelligence theory given by Gardener.
- b. Elaborate on the Determinants and nature of personality.
- c. Discuss Eysenck's theory of personality.

**CENTRAL UNIVERSITY OF HARYANA**

Term End Examinations, March 2023

**Programme: Ph.D.**  
**Course Title: Advance Research Methodology**  
**Course Code: SHSS PSY 02 01 01 C 4004**

**Semester: Course work**  
**Max. Time: 3 Hour**  
**Max. Marks: 60**

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**Instructions:** Attempt any five questions out of the following. Each question carries equal marks.

Ques. 1:

- a) Justify how multivariate approach is important in modern psychology?
- b) What are the major contrasting features between univariate and multivariate approaches to psychological research?

Ques. 2:

- a) Make up a problem and a hypothesis that is of interest to you and design two experiments to test the hypothesis. The first design should employ two groups; the second design, three groups. After you have completed this exercise, what might you learn from the possible dependent variable scores about the advantages of three-group design?
- b) Show your familiarity with three-dimensional design in details.

Ques. 3:

A physical education professor is interested in the effect of practice on the frequency of making goals in hockey. After consulting a psychologist, the following experiment was designed. Five groups were formed such that group 1 received the least practice, group 5 the most practice. Dependent-variable values represent the number of goals made by each participant over a season. You need to decide which amount of practice should be recommended. To help you reach this conclusion make the following planned comparisons: group 1 versus 2, group 2 versus 3, group 3 versus 4, and group 4 versus 5. After conducting t-tests for these comparisons, what is the reasonable recommendation?

**Number of goals made by each Participants**

<b>Group 1:</b> (Trials: 0)	0	1	3	0	0	2	1	0	3	1
<b>Group 2:</b> (Trials: 10)	2	2	1	4	0	0	0	3	2	1
<b>Group 3:</b> (Trials: 30)	4	5	6	9	8	7	6	8	9	9
<b>Group 4:</b> (Trials: 70)	24	25	23	23	25	22	24	23	22	24
<b>Group 5:</b> (Trials: 100)	24	24	25	25	22	24	22	26	24	23

Ques. 4:

What is Factor Analysis? What are its objectives, merits, and demerits? Discuss the conditions when or when not to use Factor Analysis.

Ques. 5:

What is Multiple Regression? What are its objectives? Discuss the types with examples of Multiple Regression and compare it with Simple Regression.

Ques. 6:

"All research ultimately has a qualitative grounding."- Donald Campbell. Discuss the role of qualitative research analysis with its application and limitations.

Ques. 7:

Elucidate Grounded Theory. What is the role of category identification in Qualitative Research Methodology?

Ques. 8:

- a) A cigarette company is interested in the effect of several conditions of smoking on steadiness. They manufacture two brands: Old Zincs and Counts. Furthermore, they make each brand with and without a filter. A psychologist conducts an experiment in which two independent variables are studied. The first is brand, which is varied in two ways (Old Zincs and Counts), and the second is filter, which is also varied in two ways (with a filter and without a filter). A standard steadiness test is used as the dependent variable. Diagram the resulting factorial design.
- b) In the above smoking experiment, the higher the dependent-variable score, the greater was the steadiness. Assume that the results came out as follows (10 participants per cell). What conclusions did the experimenter reach?

Old Zincs		Counts	
With Filter	Without Filter	With Filter	Without Filter
7	2	2	7
7	2	3	7
8	3	3	7
8	3	3	8
9	3	3	9
9	4	4	9
10	4	4	10
10	5	5	10
11	5	5	11
11	5	6	11

## Central University of Haryana

### Term End Examinations March 2023-Reappear

<b>Programme:</b>	<b>Bachelor of Science (B.Sc.) (Hons) in Psychology</b>	<b>Session: 2022-23</b>
<b>Semester:</b>	<b>II</b>	<b>Max. Time: 3 Hours</b>
<b>Course Title:</b>	<b>PHYSIOLOGICAL PSYCHOLOGY</b>	<b>Max. Marks: 70</b>
<b>Course Code:</b>	<b>SHSS PSY 03 02 04 FC 5106</b>	

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#### **Instructions:**

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.
2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a) Explain the stimulation techniques to study physiological Psychology.
- b) Write a short note of myelinated sheet and explain its function.
- c) Define neurotransmitters and name any three major neuro transmitters.
- d) Describe the function of sympathetic system in the body.
- e) Name four major lobes of body and give their function.
- f) Differentiate between exocrine and endocrine glands.
- g) Write a short note on pancreatic gland.

Q 2. (2X7=14)

- a) Discuss the scope of studying physiological psychology.
- b) Explain different imaging techniques to study physiological psychology.
- c) Give different recording techniques and discuss their utility.

Q3. (2X7=14)

- a) Discuss the structure and function of neuron with well labelled diagram.
- b) Give the function of different neurotransmitter in human body.
- c) Discuss different type of neurons and their functions.

Q 4. (2X7=14)

- a) Describe short note on central nervous system.
- b) Discuss the structures of brain stem and their function.

c) Discuss the structure of peripheral nervous system.

Q 5.

(2X7=14)

a) Explain the nature of hormones and their types.

b) Write a short note on pituitary gland and their function.

c) Discuss the main endocrine gland and their function.

# Central University of Haryana

Term End Examinations March 2023

**Programme:** B.Sc. (Hons) Psychology  
**Semester:** First  
**Course Title:** Experimental Psychology  
**Max. Marks:** 70  
**Course Code:** SHSS PSY 03 01 02 FC 5106

**Session: 2022-23**  
**Max. Time: 3 Hours**

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## **Instructions:**

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.
2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a) Explain experimental method.
- b) What do you understand by experimental psychology?
- c) Define RL and DL in Psychophysics.
- d) Explain perception with its components.
- e) Define transfer of training with suitable example.
- f) Write a short note on perception of form.
- g) Draw a labeled diagram of eye.

Q 2. (2X7=14)

- a) Discuss scientific nature of Experimental Psychology.
- b) Explain Fechner's Law with suitable example.
- c) Give the steps of Experimental Method.

Q3. (2X7=14)

- a) Explain the structure of ear and their function.
- b) Explain a Method of average error for determining the RL and DL.
- c) Discuss the nature and Problem of Psychophysics.

Q 4. (2X7=14)

- a) Give the factors affecting the Perception of Individual.
- b) Explain various perceptual Laws of organization of visual stimuli.
- c) Write a short note on
  - a. Perception of Figure Background
  - b. Perception of time.

Q 5. (2X7=14)

- a) Discuss the steps involved in Classical conditioning.
- b) Explain the types of transfer of Learning.
- c) Differentiate between the process of Generalization and discrimination with suitable example.





# CENTRAL UNIVERSITY OF HARYANA

Term End Examinations March 2023

**Programme:** M.A. Psychology

**Session:** 2022-23

**Semester:** First

**Max. Time:** 3 Hours

**Course Title:** Experimental Psychology

**Max. Marks:** 70

**Course Code:** SHSS PSY 01 0102 C 4004

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## Instructions:

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.
2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a) Explain the field of Experimental psychology and its application.
- b) Discuss the contribution of Galton in the development of Experimental Psychology.
- c) Explain the nature of Perception.
- d) Describe the concept of Perceptual constancy with suitable example.
- e) Give the assumptions of signal detection theory.
- f) Describe discrimination learning with suitable example.
- g) State the problems of Psychophysics.

Q 2. (2X7=14)

- a) State and explain Weber's law with its application in real life situation.
- b) Discuss the scientific nature of Experimental psychology.
- c) Explain the functioning of ear with labelled diagram.

Q3. (2X7=14)

- a) Write short note with suitable example.
  - a. Perception of Form
  - b. Perception of Movement
- b) Define and discuss various type of illusion.
- c) Explain perceptual constancy and its types.

Q 4. (2X7=14)

- a) Explain the method of adjustment for determining the RL & DL.
- b) Discuss the assumptions and applications of signal detection theory.
- c) Write short note on
  - a. Error of Anticipation
  - b. Error of Habituation

Q 5.

(2X7=14)

- a) Discuss the components and the process of classical conditioning.
- b) Explain the schedules of reinforcement.
- c) Discuss the method of verbal learning.

# CENTRAL UNIVERSITY OF HARYANA

Term End Examinations, March- 2023

Programme: B.Sc. (Hons.) Psychology

Session: 2022-23

Semester: First

Max. Time: 3 Hours

Course Title: Introduction to Psychology

Max. Marks: 70

Course Code: SHSS PSY 03 01 01 FC 5106

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## Instructions:

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and a half Marks.
2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a) What is Psychology? Explain its nature.
- b) Explain any two fields of psychology?
- c) Discuss the advantages of observation method of Psychology.
- d) Explain the characteristics structuralism school of Psychology.
- e) Explain the characteristics of Learning.
- f) Discuss the insight learning with example.
- g) Explain any one physiological and psychological motives.

Q 2. (2X7=14)

- a. Discuss the case study of a phobia in a five-year-old boy (Freud, 2001)
- b. Discuss psychology as a science and explain the relationship of psychology and sociology.
- c. Explain the experimental method with its advantages and disadvantages.

Q3. (2X7=14)

- a. What was the need to develop the different school of psychology? Explain structuralism in detail.
- b. Discuss the behaviorism school of psychology in detail.
- c. What is Gestalt psychology? Explain the different perceptual laws of Gestalt.

Q 4.

(2X7=14)

- a. What is learning? Explain the factors affecting learning.
- b. Discuss the trial and error method of learning with suitable examples.
- c. Differentiate between classical and operant conditioning method of learning. Discuss the concept of extinction, and simultaneous recovery with reference to classical conditioning.

Q 5.

(2X7=14)

- a. Contrast between Cannon-Bard and James-Lange's theory of emotion.
- b. What is Motivation? Discuss the physiological motives in detail.
- c. What is emotion? Discuss the different types of psychological motives.

# CENTRAL UNIVERSITY OF HARYANA

Term End Examinations March 2023

**Programme: M.A. Psychology**

**Session: 2022-23**

**Semester: First**

**Max. Time: 3 Hours**

**Course Title: Statistics in Psychology**

**Max. Marks: 70**

**Course Code: SHSS PSY 01 01 04 C 4004**

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## Instructions:

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.
2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a) What is statistics? What are its aims and objectives?
- b) What is an ogive? What are the steps in representing the data by using ogive?
- c) What is Variability? What are the measures of Variability?
- d) Enumerate the different levels of measurement.
- e) What are the characteristics of NPC?
- f) What is hypothesis testing?
- g) What is correlation? What are its types?

Q 2. (2X7=14)

- a) Describe descriptive, inferential, parametric, and non-parametric statistics.
- b) Prepare a frequency distribution of the following data (Class Interval- 3):

30	35	36	58	54	53	50	52	39	49
33	36	34	57	55	38	39	51	48	46
37	54	52	53	39	47	44	41	43	40
52	53	38	51	39	46	45	40	42	41

- c) How data is data organized graphically? Represent the data in Ques. 2(b) with the help of frequency polygon.

Q3. (2X7=14)

- a) What are the measures of Central Tendency? Compute Median of the data in Ques. 2(b).
- b) What is Variance? Compute Standard Deviation of the data in Ques. 2(b).
- c) Discuss in detail the various measures of Central Tendency.
- d)

Q 4.

(2X7=14)

- a) What are the applications of Normal Probability Curve? Discuss in detail divergence from Normality.
- b) In a normal distribution of 500 students with a mean of 15 and standard deviation of 3.

Find out:

- (i) How many students score between 19 and 23.
- (ii) How many students score above 20.
- (iii) How many students score below 12.
- c) One group of participants was given a relevant title before reading a text (X) and a second group of participants were given no title before reading the text (Y). Participants in both groups were tested for their memory of the text. Recall Scores on texts with and without a title are as following:

X- 9, 7, 5, 10, 6, 8, 5, 7

Y- 3, 4, 2, 6, 2, 5

Analyze the data by using an appropriate Statistical test and interpret the results.

Q 5.

(2X7=14)

- a) What is correlation Co-efficient? An Arithmetic and Reading test were administered to 12 children. A Correlation Co-efficient of  $r = +0.28$  was obtained. It was hypothesized that there will be a positive correlation between the two variables.

(i) Test the hypothesis and interpret the results.

(ii) What would be the three possible explanations if a significant positive Correlation was found between Arithmetic & Reading scores.

(iii) What would be a likely explanation for a Correlation between a cock crowing and an alarm clock going off?

- b) Compute Rank Order Co-efficient of Correlation from the following data:

X- 9, 9, 10, 11, 8, 12, 10, 9, 11, 9, 10, 11, 12, 11, 10

Y- 5, 6, 7, 8, 4, 5, 4, 6, 6, 4, 5, 8, 8, 7, 6

- c) Three tests, (1) Job Satisfaction, (2) Achievement Motivation, and (3) Work Experience, were administered to 1000 factory workers. Following Co-efficients of correlations were computed among the three variables:

$$r_{12} = 0.57 \quad r_{13} = 0.51 \quad r_{23} = 0.70$$

Explain the following:

(i) The relationship between Job-Satisfaction and Achievement Motivation if the effect of Work Experience is eliminated.

(ii) The relationship between Job Satisfaction and Work Experiences if the effect of Achievement Motivation is kept constant.

(iii) The relationship between Achievement Motivation and Work Experience if the effect of Job Satisfaction is ruled out.

# CENTRAL UNIVERSITY OF HARYANA

Term End Examinations March 2023

**Programme:** M.A. Psychology

**Session:** 2022-23

**Semester:** First

**Max. Time:** 3 Hours

**Course Title:** Research Methodology

**Max. Marks:** 70

**Course Code:** SHSS PSY 01 01 03 C 4004

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## Instructions:

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.

2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a) Discuss Psychological research and its importance.
- b) Define hypothesis and state its types.
- c) What is experimental research state its important elements.
- d) State the application and use of correlational research.
- e) Differentiate between probability and non-probability sampling.
- f) Write a short note on grounded theory as a method of qualitative research.
- g) Enumerate the important elements of focused group discussion.

Q 2. (2X7=14)

- a) Describe the univariate and multivariate approached.
- b) Discuss the formulation and sources of a research problem.
- c) Enumerate the types of research variables by citing examples.

Q3. (2X7=14)

- a) Describe the steps of psychological research using a suitable example.
- b) Differentiate between experimental and non-experimental research.
- c) Discuss field studies and their importance in psychological research with suitable examples

Q 4. (2X7=14)

- a) Define sampling and its types with suitable examples.
- b) Discuss interview as a method of data collection in psychological research. State its merits and demerits.
- c) Describe the types of questionnaires which are used in psychological research.

Q 5. (2X7=14)

- a) Differentiate between qualitative and quantitative research.
- b) Discuss in-depth interview as a method of qualitative research. State its merits and demerits.
- c) Critically analyze the application and use of various methods of qualitative data analysis by giving suitable examples.





# CENTRAL UNIVERSITY OF HARYANA

First Term End Examinations March, 2023

Programme: Post Graduate Diploma in Rehabilitation Psychology

Session: 2022-23

Semester: First

Max. Time: 3 Hours

Course Title: Disability and Rehabilitation

Max. Marks: 70

Course Code: SHSS PSY04 01 01 C 4105

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## Instructions:

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.

2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a) What is Magnitude and Incidence of disability?
- b) What is Functional Capacity?
- c) What is psychological wellbeing?
- d) What is Asperger's Syndrome?
- e) Discuss Multiple Sclerosis.
- f) What is the difference between Disability and Handicap?
- g) What is the need of developing Rehabilitation polies and Acts?

Q 2. (2X7=14)

- a) Explain Rehabilitation Psychology as an emerging field in Psychology.
- b) Discuss and differentiate between PWD Act and UNCRPD.
- c) What measures are taken to increase the quality of life of people having disability?

Q3. (2X7=14)

- a) What is Impairment? Explain Hearing Impairment in Detail.
- b) Explain any two Physical Disabilities in detail.
- c) What is enabling – disabling process? How does social environment impact enabling-disabling process?

Q 4. (2X7=14)

- a) Explain any 3 Models of Disability.
- b) What disabilities can occur to a person during childhood?
- c) What disabilities can occur to a person during young adulthood?

Q 5. (2X7=14)

- a) What are the psychosocial theories of adjustment?
- b) What is Rehabilitation ethics? Explain their need
- c) Write a note on Mental Health Care Act.



Term End Examinations March 2023-Reappear

**Programme: PG**

**Session: 2022-23**

**Semester: I**

**Max. Time: 3 Hours**

**Course Title: GENERAL PSYCHOLOGY**

**Max. Marks: 70**

**Course Code: SAHS PSY 01 01 01 GEC 4004**

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**Instructions:**

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.
2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a) Explain the nature of psychology.
- b) Explain the case study method and its use.
- c) Discuss the nature of different type of sensation.
- d) Write a short note on error and trial learning.
- e) Discuss the nature of Motivation.
- f) Differentiate between g-factor and S-factor.
- g) Define personality and explain its biological determinants.

Q 2. (2X7=14)

- a) Discuss the scope of studying psychology.
- b) Explain Observation and give its types.
- c) Discuss the behavioural school of Psychology.

Q3. (2X7=14)

- a) Explain the nature of Perception.
- b) Discuss the laws of perceptual organization.
- c) Explain different steps of perception.

Q 4. (2X7=14)

- a) Explain the classical theory of learning.
- b) Discuss Maslow's Need Hierarchy theory.
- c) Explain any one theory of Emotions.

Q 5. (2X7=14)

- a) Explain Group Factor theory of Intelligence.
- b) Explain the determinants of personality.
- c) Explain the tests used to measure personality.



# CENTRAL UNIVERSITY OF HARYANA

Term End Examinations March 2023

Programme: M.A. Psychology

Session: 2022-23

Semester: First

Max. Time: 3 Hours

Course Title: Theoretical Foundations of Psychology

Max. Marks: 70

Course Code: SHSS PSY 01 01 01 C 4004

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## Instructions:

1. Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.

2. Question no. 2 to 5 have three parts and students are required to answer any two parts of each question. Each part carries seven marks.

Q 1. (4X3.5=14)

- a) Discuss the scope of Psychology in the field of Education.
- b) "Whole is more than just the sum of its parts", explain.
- c) What is meant by style of life?
- d) State the principles of contiguity theory.
- e) What is meant by objectivity?
- f) Define latent learning. Give an example.
- g) Discuss the meaning and impact of schedules of reinforcement.

Q 2. (2X7=14)

- a) Elaborate upon the basic tenets of Structuralism.
- b) Explain Psychology as a Science.
- c) Elucidate upon the strengths and weaknesses of Functionalism.

Q3. (2X7=14)

- a) Provide a detailed description of Classical Conditioning.
- b) Describe Adlerian therapy, what are the steps involved?
- c) What is fixation? How can it happen in each developmental stage? Discuss in detail.

Q 4. (2X7=14)

- a) Who gave the theory of trial and error learning? Explain the theory in detail.
- b) Explain the expanded hierarchy of needs given by Maslow in detail.
- c) Differentiate between the explanation of emotions given by James Lange and Cannon- Bard.

Q 5. (2X7=14)

- a) Define Personality. How does Kretchmer classify it?
- b) Elucidate upon Allports's theory of Personality
- c) Explain the meaning of Gunas and Doshas.

