

11. PSYCHOLOGY

B.Sc. Part-I

SCHEME OF EXAMINATION:

Faculty	Max. Marks	Min. Passing Marks
Arts	200	72 (Th.54 Pr.18)
Science	150	54 (Th.36 Pr. 18)

Paper	Nomenclature	Duration	Max. Marks	
			Arts	Science
I	Basic Psychological Processes	3 Hrs.	75	50
II	Social Psychology	3 Hrs.	75	50
III	Practical	3 Hrs.	50	50

NOTE:-

- There will be three papers in Psychology. Each paper will be of 3 hours. There will be a common paper for Arts and Science. In I and II Papers there will be 3 Sections A, B and C and will cover the entire course content of the paper.

Section-A Will contain 10 questions of 20 words each. Each question will be of 1.5 marks for Arts students and 1 mark for Science students. Thus, Part-A will be of 15 marks for Arts students and of 10 marks for Science students.

Section-B Will contain 7 questions of 50 words each, out of which students are required to attempt 5 questions. Each question will be of 3 marks for Arts students and of 2marks for Science students. Thus, Part-B will be of 15 marks for Arts student and of 10 marks for Science students.

Section-C Will contain 3 long questions each with internal choice. Each question will be of 15 marks for Arts students and 10 marks for Science students. Thus, Part-C will be of 45 marks for Arts students and 30 marks for Science students.

For clarification the distribution of marks is tabulated as below:-

ARTS			
Section	No. of Questions	Marks	Total
A	10	1.5	15
B	5 (Out of 7)	03	15
C	3 (With internal choice)	15	45
Total Marks			75

SCIENCE			
Section	No. of Questions	Marks	Total
A	10	01	10
B	5 (Out of 7)	02	1
C	3 (With internal choice)	10	45
Total Marks			75

Paper I - Basic Psychological Processes

Section-A

1. Introduction: Definition and Goals of Psychology; History- Structuralism, Functionalism, Behaviorism, Gestalt and Psychoanalysis; Modern Perspectives- Biological, Psychodynamic, Behavioral, Cognitive, Humanistic, Evolutionary and Socio-cultural; Methods- Observation, Case Study, Surveys and Experimental.
2. Biological Basis of Behavior: The Nervous System-Structure and Functions of Neuron. Structure and Functions of Central Nervous System and Peripheral Nervous System
3. Sensation and Perception: Sensation- Meaning, Sensory Receptors, Sensory Thresholds, Habituation and Sensory Adaptation. Perception- Meaning, Constancies- Size, Shape and Brightness, Gestalt Principles, Factors Influencing Perception.

Section-B


4. Learning: Definition and Theories- Classical Conditioning, Operant Conditioning, Cognitive Learning, Observational Learning.
5. Memory: Definition; Encoding, Storage and Retrieval Processes; Models- Level of Processing, Parallel Distributed Processing and Information Processing- Sensory, Short Term and Long Term Memory; Forgetting- Nature and Causes.
6. Motivation and Emotion: Motivation - Meaning and Approaches- Instinct, Drive-reduction, Arousal, Incentive and Humanistic. Emotion- Elements: Physiology, Expression and Subjective Experience; Theories- Cannon-Bard, James-Lange, Schachter-Singer, Opponent-Process.

Section-C

7. Cognition: Thinking- Mental Imagery and Concepts; Problem Solving- Trial and Error, Algorithms, Heuristics, Insight; Barriers to Problem Solving.
8. Intelligence: Definition and Theories- Spearman, Guilford, Cattell, Sternberg, Gardner; Meaning of IQ; Intelligence Tests.
9. Personality: Definition; Type Theories and Trait Theories - Allport, Cattell, McCrae and Costa; Personality Assessment- Self-report Inventories, Projective Tests and Behavioural Assessments.

Books Recommended:

- Baron, R.A. & Misra, G. (2015). *Psychology*. New Delhi: Pearson Education India.


 Dy. Registrar (Academic-I)
 University of Rajasthan
 Jaipur

- Gerrig, R.J., Zimbardo, P.G., Svartol, F., Brennen, T., Donaldson, R. & Archer, T. (2013). *Psychology and Life*. New Delhi: Pearson Education India.
- Ciccarelli, S.K., White, J. N. & Misra, G. (2017). *Psychology*. New Delhi: Pearson Education India.
- सिंह. अरुणकुमार (2017), आधुनिकसामान्यमनोविज्ञान, नई दिल्ली : मोतीलालबनारसीदास।

Paper II - Social Psychology

Section-A

1. Introduction: Meaning, Nature, Scope and Goals of Social Psychology. Methods of Social Psychology: Experimental and Non-Experimental Methods.
2. Social Perception and Person Perception: Social Perception- Meaning and Nature; Perceptual Defense, Perceptual Accentuation and Subliminal Perception. Person Perception: Meaning and Nature, Role of Non-verbal Cues; Perceivers' Characteristics and Role of Ongoing Interaction.
3. Attitudes: Nature, Functions, Formation, Change and Measurement.

Section-B

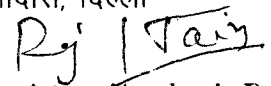
4. Prejudice and Discrimination: Nature and Origin; Reduction of Prejudice and Discrimination.
5. Interpersonal Attraction: Proximity and Affective basis, Acquaintance and Need to Affiliate; Effects of Observable Characteristics, Similarity and Mutual liking.
6. Leadership: Definition and Functions; Types of Leadership. Trait, Situational and Contingency Approaches.

Section-C

7. Communication: Meaning, Nature and Types: Verbal and Non-verbal; Barriers in Communication.
8. Pro-Social Behavior: Personal, Situational and Socio-Cultural Determinants. Explaining Pro-Social Behavior: Empathy, Altruism Hypothesis, Negative-State Relief Model, Emphatic-Joy Hypothesis and Genetic-Determinism Model.
9. Aggression and Social Problems: Aggression- Theories, Determinants, Prevention and Control; Social Problems –Meaning and Nature; Types of Social Problems - Poverty, Deprivation, Population Explosion, Economic Development; Solutions to Social Problems.

Books Recommended :

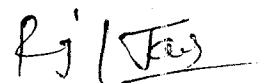
- Baron, R.A., Branscombe, N.R., Byrne, D. & Bhardwaj, G. (2012). *Fundamentals of Social Psychology*, Noida: Dorling Kindersley South Asia.
- Branscombe, N.R. & Baron, R.A. (2018). *Social Psychology*. Noida :Pearson India Education.
- Myers, D.G. (1994). *Exploring Social Psychology*. New York: McGraw Hill
- अरुणकुमारसिंह, (2002), समाजमनोविज्ञानकीरूपरेखा, मोतीलालबनारसीदास, दिल्ली


Dy. Registrar (Academic-I)
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Practical

1. Human Maze Learning
2. Measurement of Intelligence (Performance Test)
3. Experiment of Memory(Meaningful and Non-sense Syllables through Memory Drum)
4. Experiment on Figure Ground Reversal
5. Measurement of Emotions by Facial Expression
6. Measurement of Attitude
7. Measurement of leadership
8. Measurement of Aggression
9. Measurement of Altruism
10. Assessment of Social Support

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