

General Psychology

*I - M.Sc(Psychology) / I - Semester
Choice Based Credit System (CBCS)*



Authors

Prof. B. Govinda Reddy

Prof. K. Kullai Reddy

Prof. Shamiullah

Department of Psychology

Sri Venkateswara University

Tirupati-517502, Andhra Pradesh, India



**Centre for Distance and Online Education
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326/C, Surneni Nilayam

Near B K Guda Park, S R Nagar

Hyderabad - 500 038 TS

P.No:+91 40 23710657, 238000657, 23810657

Cell:+91 94405 75657, 93925 75657, 93935 75657

Reg. Off.: 5-68, Pedda Gorpadu, Pakala, Tirupathi - 517 112 AP

mail: studentshelpline.in@gmail.com

for

Director

Centre for Distance and Online Education

Sri Venkateswara University

Tirupathi, AP -517 502

mail : directorddesvu@gmail.com

Cell: +91 877-2289380

www.svudde.in

General Psychology

Objectives

General Psychology will help the Students to demonstrate acquisition of both factual knowledge and the ability to conceptualize and apply this knowledge to their own behavior, ways of interacting with others, and to their roles in culture and society

Unit-I: Psychology as Science

Lesson-1 Introduction to Psychology- Definition, nature, scope and aims of Psychology- The rise of experimental psychology.

Lesson-2 Branches and Fields of Psychology- Early Divisions, Basic Fields, Applied Field, Both basic and Applied Fields. On successful completion of this unit, you will be able to:

Lesson-3 Schools of psychology- Structuralism, Functionalism, Behaviorism, Psychoanalytic.

Lesson-4 Methods of Psychology – Introspection method, observation method, Survey method, case study method, experimental method and Correlational method.

Unit-II: Physiological basis of Behavior

Lesson-5 Neuron- The structure of neuron-Types of neurons-Varieties of neuron transmitters.

Lesson-6 Nervous system -Central and Peripheral nervous system- Autonomic Nervous system.

Lesson-7 Brain - Structure and functions of brain- Limbic System.

Lesson-8 Endocrine glands – Effects of over and under secretion of glands.

Unit-III: Sensation, Attention & Perception

Lesson-9 Sensation: Sensory process-Senses and sensory organs, general characteristics of Sensation and Sensory thresholds, Subliminal Perception, Signal Detection Theory.

Lesson-10 Attention: Selective attention – Kinds of Attention- Barriers of Attention Concepts and Mechanisms- Selective Attention.

Lesson-11 Determinants and Theories -Broadbent, Treisman and Deutsch and Deutsch, Norman Models, Sustained Attention, Theories Expectancy, Signal Detection, Arousal, Habituation; Intensive Properties of Attention, Fluctuations of Attention, Attention Span.

Lesson-12 Perception: Meaning of Sensation- Types of Sensation - Definition of Perception – Factors influencing Perception (Physiological and Psychological) – Perception and Illusion

Unit-IV: Motivation and Emotion

Lesson-13 Motivation-definition and Nature - Instinct, drive, needs, incentive, motive, Classification of motives.

Lesson-14 Theories of Motivation- Instinct theories – Freud & Mc Dougal; Need hierarchy theory – Maslow

Lesson-15 Emotion: Nature, kinds of emotions- physiological basis of emotion.

Lesson-16 Theories of emotion: The James – Lange theory – The Cannon – Bard theory.

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Authors

Prof. B. Govinda Reddy

Prof. K. Kullai Reddy

Prof. Shamiullah

Department of Psychology
Sri Venkateswara University
Tirupati-517502, Andhra Pradesh, India



**Centre for Distance and Online Education
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Near B K Guda Park, S R Nagar

Hyderabad - 500 038 TS

P.No:+91 40 23710657, 238000657, 23810657

Cell:+91 94405 75657, 93925 75657, 93935 75657

Reg. Off.: 5-68, Pedda Gorpadu, Pakala, Tirupathi - 517 112 AP

mail: studentshelpline.in@gmail.com

for

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Centre for Distance and Online Education

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mail : directorddesvu@gmail.com

Cell: +91 877-2289380

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Social Psychology

Objectives

The nature and origins of Social Psychology, the nature of Attitudes and Discrimination, the nature of Social Identity and Interpersonal Attraction, the basic aspects of Social Influence and Pro-social behavior, the meaning and nature of Aggression and Group behavior

Unit-I: Introduction to Social Psychology

Lesson-1 Introduction to Social Psychology- Definition, Historical origins; Relationship with other social sciences-(Sociology, Economics, Political Science and Anthropology).

Lesson-2 Historical Development of Social Psychology- Early Years of Social Psychology, Formational Years of Social Psychology, Expansion of Social Psychology, Social Psychology in 21st Century, Social Psychology in India

Lesson-3 Research methods in Social Psychology (Field Research, survey research, Archival Research, Correlational Research, observational research).

Unit-II: Social Perception and Social Cognition

Lesson-4 Person perception; Attribution- Understanding the causes of others behaviour, Kelly's theory; Bem's theory; Regulatory focus theory. Impression formation and impression management.

Lesson-5 Schemas- Types of Schema, Person Schemas, Self Schemas, Group Schemas, Role Schemas, Events Schemas, Impact of Schema.

Lesson-6 Mental frame works- Interpersonal attraction. Communication system in human beings Nonverbal communication; the language of expression

Unit-III: Socialization & Social Influence

Lesson-7 Socialization- Definition, Motive and behavior.

Lesson-8 Agencies of socialization- (Parents, Peergroup, school and media).

Lesson-9 Sexual motives, Sex role identity, Psychological Androgyny, Dependency, Moral development.

Lesson-10 Self-Esteem.

Lesson-11 Self concept.

Unit-IV: Attitudes

Lesson-12 Attitudes -Nature and formation of Attitudes, Functions of Attitudes.

Lesson-13 Theories of attitudes- Reinforcement theory; Balance theory; Cognitive dissonance theory;

Lesson-14 Measurement of attitudes- Self measures; Likert, Thurston Osgood and Bogardus scales: Physiological measures.

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Abnormal Psychology

*I - M.Sc(Psychology) / I - Semester
Choice Based Credit System (CBCS)*



Authors

Prof. B. Govinda Reddy

Prof. K. Kullai Reddy

Prof. Shamiullah

Department of Psychology

Sri Venkateswara University

Tirupati-517502, Andhra Pradesh, India



**Centre for Distance and Online Education
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326/C, Surneni Nilayam

Near B K Guda Park, S R Nagar

Hyderabad - 500 038 TS

P.No:+91 40 23710657, 238000657, 23810657

Cell:+91 94405 75657, 93925 75657, 93935 75657

Reg. Off.: 5-68, Pedda Gorpada, Pakala, Tirupathi - 517 112 AP

mail: studentshelpline.in@gmail.com

for

Director

Centre for Distance and Online Education

Sri Venkateswara University

Tirupathi, AP -517 502

mail : directorddesvu@gmail.com

Cell: +91 877-2289380

www.svudde.in

Abnormal Psychology

Objectives

It educates the students about abnormality of an individual's both physical and psychological, interventions that are to be followed and to follow the different psychological strategies to overcome the problems.

Unit-I: Meaning and Definition of Abnormality

Lesson-1 Meaning and definition of abnormality- Definition and Criteria of abnormality-

Lesson-2 Historical background of abnormal psychology.

Lesson-3 Classification system: Brief overview of classification- DSM IV and ICD – 10, Advantages and disadvantages of classification, Problem of Diagnosis.

Unit-II: Different Perspectives of Abnormal Behaviour

Lesson-4 Psychoanalytical Perspectives- Freud's Psychoanalytical theory - Jung's analytical theory- Adler's Individual psychology.

Lesson-5 Behaviorist perspective- Skinner's operant theory- Bandura social learning theory-

Lesson-6 Humanistic Existential perspective- Maslow needs Hierarchy theory-

Lesson-7 Cognitive perspective – Beck and Ellis

Unit-III: Nature of Causation of Abnormalities

Lesson-8 Causes of Abnormal Behavior- Biological causes: Constitutional, neurophysiologic and Biochemical Psychological Causes

Lesson-9 Pathogenic causes, Pathogenic Interpersonal relationships.

Lesson-10 Socio– culture causes: Social class, Social roles, and Cultural factors.

Lesson-11 Predisposing, Precipitating reinforcing, Feedback and circularity of Causes.

Unit-IV: Classification of Mental Disorders

Lesson-12 Psycho-Neurosis- Causes and Aetiology-Psychoses-Causes and Aetiology Anxiety disorders.

Lesson-13 Somatoform disorders: Somatoform Disorders Somatoform disorders– Hypochondriasis - Somatization Disorder - Pain Disorder - Conversion Disorder - Body Dimorphic Disorder.

Lesson-14 Functional disorders- Mood disorders- Mood disorders Definition & Meaning – Depressive Disorder – Theoretical Perspectives on Depressive Disorder – Major Depressive Disorders – Unipolar and Bipolar disorders – Substance Induced Mood Disorders - Suicide – Classification – Causes - Treatment and Prevention.

Lesson-15 Personality disorders- Personality Disorders Cluster A Personality Disorders – Cluster B Personality Disorders – Personality Disorders – Paranoid – Schizoid – Schizotypal – Histrionic – Narcissistic – Anti-Social Personality Disorders- Addiction.

Lesson- 16 Psychosomatic disorders.

Abnormal Psychology

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Near B K Guda Park, S R Nagar

Hyderabad - 500 038 TS

P.No:+91 40 23710657, 238000657, 23810657

Cell:+91 94405 75657, 93925 75657, 93935 75657

Reg. Off.: 5-68, Pedda Gorpadu, Pakala, Tirupathi - 517 112 AP

mail: studentshelpline.in@gmail.com

for

Director

Centre for Distance and Online Education

Sri Venkateswara University

Tirupathi, AP -517 502

mail : directorddesvu@gmail.com

Cell: +91 877-2289380

www.svudde.in

Psychological Measurement and Testing

Objectives

To Demonstrate the knowledge and understanding of basic psychometric principles. Learning Psychophysical methods and their relevance to psychological testing and assessment.

Unit-I: Nature of Psychological Measurement

Lesson-1 Nature of Psychological Measurement -Definition and Advantages of Measurement - History of Measurement.

Lesson-2 Scales of Measurement-The Nominal Scale-The ordinal scale-The interval scale-The ratio scale.

Lesson-3 Nature of Psychological Variable- Mental test tradition-Psycho Physical tradition

Unit-II: Psycho- Physical Methods and Psychological scaling methods

Lesson-4 Method of Average Error-Constant and Variable Errors-Evaluation.

Lesson-5 Methods of Minimal Changes-Evaluation.

Lesson-6 Method of Constant Stimuli- -Evaluation.

Lesson-7 Psychological scaling methods- Method of Pair comparison and rank order - evaluation.

Unit-III: Test Development and Test Standardization Procedures

Lesson-8 Test Development- Uses of Psychological test- Criteria of a Psychological Test. Test Standardization Procedures- -Construction of psychological test-

Lesson-9 Reliability-Types of reliability- Test -retest reliability- Interrater reliability- Parallel forms - reliability-Internal Consistency

Lesson-10 Validity- Types of validity- Construct Validity- Content Validity- Face validity- Criterion Validity -Concurrent Validity.

Lesson-11 Test Construction- Item writing - Meaning and types of items and their differences, guidelines for item writing. Response sets – Meaning, types and implications.

Lesson-12 Item analysis – Meaning and purpose. Item indices ad Item discrimination index.

Lesson-13 Test score - interpretation- Types of scores.

Lesson-14 Ethical issues in test use and interpretation.

Unit-IV: Standard Psychological Tests & Miscellaneous Techniques

Lesson-15 Classification of Psychological Tests - Intelligence- Aptitude Tests-Tests of Interest

Lesson-16 The semantic differential technique-Attitude scales- Personality Testing- MMPI.

Lesson-17 Projective Techniques -TAT, Rorschach etc.

Lesson-18 Culture and Psychological tests.

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Psychological Measurement and Testing

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Environmental Psychology

*I - M.Sc(Psychology) / II - Semester
Choice Based Credit System(CBCS)*



Authors

Prof. B. Govinda Reddy

Prof. K. Kullai Reddy

Prof. Shamiullah

Department of Psychology

Sri Venkateswara University

Tirupati-517502, Andhra Pradesh, India



**Centre for Distance and Online Education
Sri Venkateswara University**

Tirupathi, AP -517 502

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326/C, Surneni Nilayam

Near B K Guda Park, S R Nagar

Hyderabad - 500 038 TS

P.No:+91 40 23710657, 238000657, 23810657

Cell:+91 94405 75657, 93925 75657, 93935 75657

Reg. Off.: 5-68, Pedda Gorpadu, Pakala, Tirupathi - 517 112 AP

mail: studentshelpline.in@gmail.com

for

Director

Centre for Distance and Online Education

Sri Venkateswara University

Tirupathi, AP -517 502

mail : directorddesvu@gmail.com

Cell: +91 877-2289380

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Environmental Psychology

Objectives

To improve the relationship between mankind and the environment using theory, research and practice. It also endeavors to find ways to improve our relationship with the surrounding world. To discuss both theoretical and applied perspectives of environmental issues to help reduce stress, pollution and crowding concerns; To provide knowledge and understanding of well-established theories in environmental psychology.

Unit-I: Introduction

Lesson-1 Introduction -Nature, scope, Origin of environmental psychology;

Lesson-2 Fields of Environmental psychology- Relationship with other fields-

Lesson-3 Basic principles of environmental psychology-

Lesson-4 Major research methods in environmental psychology-Questionnaire studies, Field studies, Case studies.

Unit-II: Environmental Risk and Perception

Lesson-5 Natural Disasters: Characteristics of Natural Disasters, Perception and Psychological Effects of Natural Disasters;

Lesson-6 Noise and Air Pollution: Source and effects of Noise in the Work Place, Noise and Social Behaviour.

Lesson-7 Perception, Health, Performance.

Lesson-8 Social Behaviour and Air Pollution.

Lesson-9 Environmental Perception and Cognition; Environmental Cognition, Cognitive Maps, Way finding.

Unit-III: Environment and Behaviour- Theories

Lesson-10 Changing Behaviour to save the Environment: The Commons Dilemma as an Environment-Behaviour Problem.

Lesson-11 Strategies to Encourage Environmentally Responsible Behavior-Contemporary Values and Environmental Attitudes.

Lesson-12 Functions of theories; the arousal perspective: Environmental load perspective; Adaptation level theory;

Lesson-13 Environmental stress perspective.

Unit-IV: Psycho-educational aspects of Environmental Protection

Lesson-14 Environmental education and laws of environmental Protection

Lesson-15 Disaster Management-Social Forestry and Ecological Aesthetics

Lesson-16 Managing scarce resources.

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Environmental Psychology

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Research Methodology

*I - M.Sc(Psychology) / II - Semester
Choice Based Credit System(CBCS)*



Authors

Prof. B. Govinda Reddy

Prof. K. Kullai Reddy

Prof. Shamiullah

Department of Psychology

Sri Venkateswara University

Tirupati-517502, Andhra Pradesh, India



**Centre for Distance and Online Education
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326/C, Surneni Nilayam

Near B K Guda Park, S R Nagar

Hyderabad - 500 038 TS

P.No:+91 40 23710657, 238000657, 23810657

Cell:+91 94405 75657, 93925 75657, 93935 75657

Reg. Off.: 5-68, Pedda Gorpada, Pakala, Tirupathi - 517 112 AP

mail: studentshelpline.in@gmail.com

for

Director

Centre for Distance and Online Education

Sri Venkateswara University

Tirupathi, AP -517 502

mail : directorddesvu@gmail.com

Cell: +91 877-2289380

www.svudde.in

Research Methodology

Objective: To orient students to the different stages of research. To give insight into the various research methods. To identify and apply appropriate research tools. To acquire the skill of reporting the research.

Unit-I: Introduction to Research Methodology

Lesson 1 Basic concepts - meaning and characteristics of scientific research.

Lesson 2 Factors affecting, steps or stages in research and research process

Lesson 3 Types of research - experimental and non experimental, laboratory experiments and field experiments and quasi experiment

Lesson 4 Quantitative and Qualitative Research, Ex-post Facto research, Survey research and types of experiments.

Unit-II: Identification of Problem

Lesson 5 Problem: Types of problems, identifying a research Problem

Lesson 6 Variables: Independent, dependent and intervening variable

Lesson 7 Experimental group and control group.

Lesson 8: Hypotheses: The nature and types of hypotheses, stating a hypotheses, stating a hypotheses, criteria of hypotheses and functions of hypothesis.

Unit-III: Sampling & Data Collection

Lesson 9 Concept of Population, sample and sampling

Lesson 10 Types of sampling - Random, Stratified, Purposive, Incidental and multi stage sampling.

Lesson 11 Issues related to selection of sample size

Lesson 12 Data collection & presentation: Primary data observation method/ Personal interview, survey method, questionnaire) secondary data.

Unit-IV: Ethical Consideration and Report Writing

Lesson 13 Ethics in human research: APA guidelines.

Lesson 14 Scientific fraud and monitoring ethical practice. Presenting research results:

Lesson 15 Report Writing: Meaning of Interpretation - Techniques of Interpretation - Precaution in interpretation - significance of report writing - different steps in writing report

Lesson 16 Layout of the research report - types of reports - mechanics of writing a research report - precautions for writing research reports

Outcomes

- To understand and comprehend the basics in research in research methodology and applying them in research/project work.
- To select an appropriate research design.
- To take up and implement a research project/ study.
- The course will also enable them to collect the data, edit it properly and analyse it accordingly. Thus, it will facilitate students prosperity in higher education.

Research Methodology

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COUNSELLING PSYCHOLOGY

- Theory and Practice

*I - M.Sc(Psychology) / II - Semester
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Authors

Prof. B. Govinda Reddy

Prof. K. Kullai Reddy

Prof. Shamiullah

Department of Psychology

Sri Venkateswara University

Tirupati-517502, Andhra Pradesh, India



Centre for Distance and Online Education

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326/C, Surneni Nilayam

Near B K Guda Park, S R Nagar

Hyderabad - 500 038 TS

P.No:+91 40 23710657, 238000657, 23810657

Cell:+91 94405 75657, 93925 75657, 93935 75657

Reg. Off.: 5-68, Pedda Gorpadu, Pakala, Tirupathi - 517 112 AP

mail: studentshelpline.in@gmail.com

for

Director

Centre for Distance and Online Education

Sri Venkateswara University

Tirupathi, AP -517 502

mail : directorddesvu@gmail.com

Cell: +91 877-2289380

www.svudde.in

Brief Contents

COUNSELLING PSYCHOLOGY THEORY AND PRACTICE

1. The economic, Social and Psychological foundations of Industrial and organisational Psychology.
2. Industrial Psychology, its scope, methods, the classical Hawthorne studies.
3. Personnel selection, methods of training, Job and worker analysis methods, Job families.
4. Human factors in Engineering, man-machine systems. Displays in information input – Types of displays.
5. **Personel Psychology:** Its relation to other fields; concerns of personnel psychology.
6. **Logic of selection and training:** Interview application Blank, Psychological test: ability, personality, skills and achievement.
7. **Evaluation of personnel:** Evaluation of managers – effective and ineffective managers – objective measures of productivity and profit – rating scales.
8. **Organisational Psychology:** Life in organizations: Introduction to OB.
9. **The Nature of Individuals:** Models of man.
10. **Managerial Assumptions about human nature:** Rational, economic, social and self-actualization-Realistic view of human nature.
11. **The Nature of organizations:** Composition of organizations; groups in organizations; formal and informal groups; structure and functions of groups.
12. **Leadership:** Theories of organizations – Motivation Theories of motivation.
13. **Improving organizational effectiveness:** Methods of organizational changes: changing individuals, changing organizational structure and function, changing organizational climate and interpersonal style.

- 14. Job Satisfaction:** Theories of Job satisfaction, Consumer psychology.
- 15. Consumer behavior** and market research.
- 16. Consumer motivation:** Nature of consumer motivation and buying motives.
- 17. Advertising – purpose and types of advertisement:** The role of communication and attention-demanding techniques of advertisement.
- 18. Sales promotion-Salesmanship:** process of selling, Building the sales force.
- 19. Packing:** Essentials of packing, Advantages of packing and kinds of Labels.
- 20. Branding:** Functions of branding. Essentials of good brand. Types and advantages of Branding.

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- Theory and Practice

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DEVELOPMENTAL PSYCHOLOGY

***I - M.Sc(Psychology) / II - Semester
Choice Based Credit System(CBCS)***

Authors

Prof. B. Govinda Reddy

Prof. K. Kullai Reddy

Prof. Shamiullah

Department of Psychology

Sri Venkateswara University

Tirupati-517502, Andhra Pradesh, India



Centre for Distance and Online Education

Sri Venkateswara University

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326/C, Surneni Nilayam

Near B K Guda Park, S R Nagar

Hyderabad - 500 038 TS

P.No:+91 40 23710657, 238000657, 23810657

Cell:+91 94405 75657, 93925 75657, 93935 75657

Reg. Off.: 5-68, Pedda Gorpadu, Pakala, Tirupathi - 517 112 AP

mail: studentshelpline.in@gmail.com

for

Director

**Centre for Distance and Online Education
Sri Venkateswara University**

Tirupathi, AP -517 502

mail : directorddesvu@gmail.com

Cell: +91 877-2289380

www.svudde.in

Brief Contents

DEVELOPMENTAL PSYCHOLOGY

1. The economic, Social and Psychological foundations of Industrial and organisational Psychology.
2. Industrial Psychology, its scope, methods, the classical Hawthorne studies.
3. Personnel selection, methods of training, Job and worker analysis methods, Job families.
4. Human factors in Engineering, man-machine systems. Displays in information input – Types of displays.
5. **Personel Psychology:** Its relation to other fields; concerns of personnel psychology.
6. **Logic of selection and training:** Interview application Blank, Psychological test: ability, personality, skills and achievement.
7. **Evaluation of personnel:** Evaluation of managers – effective and ineffective managers – objective measures of productivity and profit – rating scales.
8. **Organisational Psychology:** Life in organizations: Introduction to OB.
9. **The Nature of Individuals:** Models of man.
10. **Managerial Assumptions about human nature:** Rational, economic, social and self-actualization-Realistic view of human nature.
11. **The Nature of organizations:** Composition of organizations; groups in organizations; formal and informal groups; structure and functions of groups.
12. **Leadership:** Theories of organizations – Motivation Theories of motivation.
13. **Improving organizational effectiveness:** Methods of organizational changes: changing individuals, changing organizational structure and function, changing organizational climate and inter-

personal style.

14. **Job Satisfaction:** Theories of Job satisfaction, Consumer psychology.
15. **Consumer behavior** and market research.
16. **Consumer motivation:** Nature of consumer motivation and buying motives.
17. **Advertising – purpose and types of advertisement:** The role of communication and attention-demanding techniques of advertisement.
18. **Sales promotion-Salesmanship:** process of selling, Building the sales force.
19. **Packing:** Essentials of packing, Advantages of packing and kinds of Labels.
20. **Branding:** Functions of branding. Essentials of good brand. Types and advantages of Branding.

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