

Unit # 4 (Environment and development)

- Describe the nature of traditional societies; the use and ownership of land, division of labour and types of tools; social and cultural activities and dependence on the local environment; the impact of colonialism, development of peasant farming/ subsistence farming and cash cropping
- Understand the impact of population growth and changing demand on food supplies
- Describe the ways in which agriculture can be modernised to increase output: pesticides, fertilisers, irrigation, land reform, plant breeding, GM crops, hydroponics, animal breeding and production programme
- Increasing population leading to deforestation or forced use of marginal land leading to desertification
- Impact of rapid urbanisation and industrial development.

**Department of Teacher Education
University of Karachi
Content II Semester VI
Psychology
Course Code: DTE 532**

Course Objectives

- The main aim is to familiarize students with history, main concepts, methods and theoretical frameworks in psychology.
- The course will help students appreciate the human nature and its related concepts, thereby will gain insight into human behavior and human relationships.

Course Outcome

After successful completion of this course the students will be able to:

- Have a grasp over basic concepts and theoretical perspectives explaining human behavior. They will be able to appreciate the complexity of human behavior and relationships.
- They will be able to understand Psychology as science and empirical methods used for understanding different aspects of human behavior.

Course Contents

Understanding Psychology

- Psychology: Scientific perspective
- Historical perspective

- Schools of psychology
- Methods of psychology
- Ethical issues
- Fields of psychology and their application

Biological Basis of Behaviour

- Neuron and its function
- Central nervous system
- Peripheral nervous system
- Endocrine system

Sensation and Perception

- Senses: Vision, audition, smell, taste and kinesthetic
- Introduction to perception
- Gestalt principles
- Binocular and monocular cues
- Illusions and extra sensory perception

Learning

- Definition of learning
- Types of learning: Classical and operant conditioning
- Punishment and its effects
- Latent and observational learning

Memory

- Definition and types of memory
- Processes and techniques of improving memory
- Forgetting: Nature and causes

Cognition and Language

- Concept of cognition
- Problem solving
- Judgment and decision making
- Language development
- Language and cognition
- Language and culture

Intelligence and Creativity

- Concept of intelligence
- Theories of intelligence
- Assessment of intelligence
- Mental retardation
- Concept of creativity and its stages

Motivation and Emotion

- Introduction to motivation
- Factors affecting motivation
- Introduction to emotions
- Types of emotions
- Physiology and emotion

- Theories of emotion

Personality

- Defining personality
- Theories of personality
- Personality assessment

Social Thinking and Social Influence

- Social facilitation
- Attribution theory
- Crowd behavior
- Conformity, Obedience
- Helping behavior

Recommended Books

- Atkinson R. C., & Smith, E. E. (2000). *Introduction to psychology* (13th ed.). NY: Harcourt Brace College Publishers.
- Coon, D., & Mitterer, J. (2008). *Introduction to psychology: Gateways to mind and behavior* (12th ed.). USA: Wadsworth Cengage Learning.
- Fernald, L. D., & Fernald, P.S (2005). *Introduction to psychology*. USA; WMC Brown Publishers.
- Fredrickson, B., Nolen-Hoeksema, S., Loftus, G., & Wagenaar, W. (2009). Atkinson & Hilgard's *introduction to psychology* (15th ed.). USA: Wadsworth.
- Glassman, W.E. (2000). *Approaches to psychology*. Open University Press.
- Hayes, N. (2000). *Foundation of psychology* (3rd ed.). UK: Thomson Learning.
- Kalat, J. W. (2010). *Introduction to psychology*. USA: Cengage Learning, Inc.
- Lahey, B. B. (2004). *Psychology: An introduction* (8th ed.). UK: McGraw-Hill Companies, Inc.

Leahey, T. H. (1992). *A history of psychology: Main currents in psychological thought*. New Jersey: Prentice-Hall International, Inc.

Myers, D. G. (2011). *Psychology* (10th ed.). USA: Wadsworth Publishers.

Ormord, J. E. (1995). *Educational psychology: Developing learners*. USA: Prentice Hall,

Department of Teacher Education

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Content III Semester VII

Geography

Course Code: DTE 621

Unit #1:

➤ Introduction to Geography

- Definition
- Branches of geography
- Five themes of geography
- Basic skills in geography
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