

BVAC 401: BEHAVIOURAL SCIENCE – II (PROBLEM SOLVING AND CREATIVE THINKING)

Total Hours: 30

Course Objective: To enable the students:

- Understand the process of problem solving and creative thinking.
- Facilitation and enhancement of skills required for decision-making.

Course Contents:

Unit I: Thinking as a tool for Problem Solving:

6 Hours

What is thinking: The Mind/Brain/Behaviour; Thinking skills; Critical Thinking and Learning: Making Predictions and Reasoning; Memory and Critical Thinking; Emotions and Critical Thinking

Unit II: Hindrances to Problem Solving:

6 Hours

Perception; Expression; Emotion; Intellect; Work environment

Unit III: Problem Solving Process:

6 Hours

Recognizing and defining a problem; Analysing the problem (potential causes); Developing possible alternatives; Evaluating Solutions; Resolution of problem; Implementation

Unit IV: Plan of Action:

6 Hours

Construction of POA; Monitoring; Reviewing and analysing the outcome

Unit V: Creative Thinking:


6 Hours

Definition and meaning of creativity; The nature of creative thinking; Convergent and Divergent thinking; Idea generation and evaluation (Brainstorming); Image generation and evaluation; Debating; The six-phase model of Creative Thinking: ICEDIP model

Text & References:

- Michael Steven: How to be a better problem solver, Kogan Page, New Delhi, 1999
- Geoff Petty: How to be better at creativity; Kogan Page, New Delhi, 1999
- Phil Lowe Koge Page: Creativity and Problem Solving, New Delhi, 1996
- Bensley, Alan D: Critical Thinking in Psychology – A Unified Skills Approach, (1998), Brooks/Cole Publishing Company.


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