

Note:- 1) All questions are compulsory and carry equal marks.

Q1) Attempt any two questions. (20)

- A. Identify some methods that people use to solve problems and make decisions.
- B. Identify three common barriers to successful problem solving.
- C. Explain how mental images are involved in the process of Thinking.

Q2) Attempt any two questions. (20)

- A. Distinguish between intrinsic motivation and extrinsic motivation.
- B. Identify the key elements of the early instinct and drive-reduction approaches to motivation.
- C. Identify the key elements of the arousal and incentive approaches to motivation.

Q3) Attempt any two questions. (20)

- A. Discuss Freud's perspective of personality structure.
- B. Explain how the mind and personality are structured.
- C. Evaluate the strength and limitations of the behavioural and social cognitive learning views of personality.

Q4) Attempt any two questions. (Use of simple calculator is permitted) (20)

- A. (i) Calculate the mean, median and mode for the following set of scores. (07)
92, 89, 85, 94, 89, 90, 91, 89, 92, 95
(ii) What is skewed distribution? Explain the types. (03)
- B. Calculate the standard deviation and range of the following set of scores and the z scores of 28
19, 22, 17, 20, 24, 28, 18, 16
- C. What is Type I and Type II error? How to prevent these errors?

Q5) Attempt any two questions. (20)

- A. Describe how concepts and prototypes influence our thinking.
- B. Explain the characteristics of three types of psychological needs.
- C. Compare and contrast the learning theories of Bandura and Rotter.
- D. (i) Prepare a frequency distribution table from the following set of scores. (06)
48, 39, 45, 42, 46, 48, 37, 41, 38, 43, 38, 41, 37, 43, 46, 42, 40, 43, 42, 37,
39, 37, 48, 41, 38, 42, 37, 44, 43, 44
(ii) Which is the most preferred measure of variability? Why? (04)

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