

Seat No. : \_\_\_\_\_

# MA-105

March-2022

M.A., Sem.-I

401 : Psychology

(Adv. Experimental Psychology)

Time : 2 Hours]

[Max. Marks : 50

**Instructions :** Answer any **three** of the following questions.

## PART-I

1. Define psychological research. Explain types of theoretical research. 14
2. Explain the classification of variables as given by D' Amato. 14
3. Discuss Matching & Counter balancing techniques of control in experimentation. 14
4. Explain with illustration, between subject experimental designs & within subject experimental designs. 14
5. Discuss the basic concepts of psycho physics. 14
6. Explain the method of determining AL by constant stimuli method. 14
7. Explain the contribution of Herman Ebbinghaus & Von Restroff in verbal learning experiments. 14
8. Define memory. Explain with illustration, types of memory. 14

## PART-II

9. Choose the correct option & fill in the blanks :

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- (1) The research that uses observation & experiments as empirical methods are called \_\_\_\_\_ research. (empirical, theoretical)
  - (2) The variable directly manipulated by E is called \_\_\_\_\_ variable. (Independent, dependent)
  - (3) \_\_\_\_\_ is any behavioural variable measured to assess the effect of independent variable. (Independent variable, Relevant variable)
  - (4) In \_\_\_\_\_ type of independent variable, the subject's attributes cannot be directly manipulated. (Type E, Type S)
  - (5) \_\_\_\_\_ is the sensory experience by the subject & the judgement after it. ( $R_j$ ,  $R_s$ )
  - (6)  $DL = \frac{IU}{2} + AL + DL$
  - (7) When the prior learned material interferes in recalling the recent material, it is called \_\_\_\_\_ inhibition. (retroactive, proactive)
  - (8) In \_\_\_\_\_ method, the word is presented before the subject gives a response word. (cumulative, prompting)
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