



- ૫ નીચેનામાંથી કોઈ પણ બે પર નોંધ લખો : ૧૪
- (૧) આવેગનાં કાર્યો
  - (૨) આવેગમાં મજ્જારસાયણોની ભૂમિકા
  - (૩) આવેગમાં રૂઢિરાખિસરણ તંત્રના ફેરફારો
  - (૪) PrEmo દ્વારા આવેગોનું માપન.

## ENGLISH VERSION

- Instructions :** (1) All questions are compulsory.  
(2) Figures to the right indicate full marks of the question.

- 1 What is an emotion ? Discuss the cognitive and behavioural components of emotion. 14

OR

- 1 What is the difference between primary and secondary emotions ? Explain thoroughly the emotions of anger and love. 14

- 2 Describe the role of Amygdala and Hippocampus in emotion. 14

OR

- 2 Explain the structural and functional differences between sympathetic and parasympathic nervous system. 14

- 3 What is hormonal system ? Discuss the hormones secreted during stressful situations. 14

OR

- 3 Describe the long-term changes occurring during emotion. 14

- 4 Discuss the various verbal methods of measuring emotion. 14

OR

- 4 Describe the advantages and limitations of verbal methods of emotion measurement and discuss in detail the lie-detector test. 14

**5** Write notes on any **two** of the following :

**14**

- (1) Functions of emotions
  - (2) The role of neurochemicals in emotion
  - (3) Cardiovascular changes in emotion
  - (4) Measuring emotions through PrEmo.
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