

(032)

2020

UNIVERSITY OF CALCUTTA EXAMINATION CONDUCTED BY LORETO COLLEGE  
B.A/B.Sc. SEMESTER II HONOURS EXAMINATION, CBCS SYSTEM

GROUP B

PSYCHOLOGY – HONOURS – THEORY

Biopsychology

CC – 3

TIME ALLOTTED: 2 Hours

FULL MARKS: 50

*The figures in the margin indicate full marks for each question.*

- |    |   |                |
|----|---|----------------|
| 1. | <b>Answer any 2: (Word Limit – 150 words)</b>   | <b>10x2=20</b> |
| a) | Discuss the location and functions of the 4 lobes of the brain with an appropriate diagram. | 10             |
| b) | Discuss any 2 divisions of biopsychology.   | 5+5            |
| c) | Define neurotransmitter. Discuss any two neurotransmitters with their functions.            | 2+8            |
| 2. | <b>Answer any 2: (Word Limit – 600 words)</b>   | <b>15x2=30</b> |
| a) | Discuss how communication within a neuron takes place.                                      | 15             |
| b) | Give an overview of the spinal nerves in the human body.                                    | 15             |
| c) | What is a hormone? Discuss the functions of posterior pituitary hormones in humans.         | 3+12           |
| d) | Explain the dopamine hypothesis.  | 15             |

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## GROUP B

## PSYCHOLOGY – HONOURS – THEORY

## Psychology of Individual Differences

CC – 4

TIME ALLOTTED: 2 Hours

FULL MARKS: 50

*The figures in the margin indicate full marks for each question.*

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|----|--|----------------|
| 1. | <b>Answer any 2: (Word Limit – 150 words)</b>  | <b>10x2=20</b> |
|    | a) State the intellectual characteristics of the gifted child. Elucidate any one educational programme for the gifted. | 5+5            |
|    | b) What do you understand by 'absolute & individual self' and 'law of karma' according to Vedanta?                     | 5+5            |
|    | c) Describe personality in terms of the Trigunas described in the Sankhya perspective.                                 | 10             |
| 2. | <b>Answer any 2: (Word Limit – 600 words)</b>  | <b>15x2=30</b> |
|    | a) Give a brief account of Gardner's theory of Multiple Intelligences.   | 15             |
|    | b) Draw a comparison between the Indian and Western paradigm of thought.   | 15             |
|    | c) Describe how oral and anal stage influence personality?   | 15             |
|    | d) Delineate in detail the Self Determination Theory.  | 15             |