



WEST BENGAL STATE UNIVERSITY
B.Sc. Honours PART-I Examinations, 2018

PSYCHOLOGY-HONOURS

PAPER-PSYA-I

Time Allotted: 4 Hours

Full Marks: 100

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.*

First Half

Basic Psychological Process

1. Answer any **five** questions from the following: 2×5 = 10
 - (a) What do you mean by Heuristics?
 - (b) Define punishment.
 - (c) Define constant error.
 - (d) What do you mean by optical illusion?
 - (e) What do you mean by JND?
 - (f) Define attention.
 - (g) What is autokinetic movement?
 - (h) Distinguish between iconic and echoic memory.

2. Write short notes on any **four** of the following: 5×4 = 20
 - (a) Schedules of reinforcement
 - (b) Inductive and deductive reasoning
 - (c) Subjective determinants of attention
 - (d) Long term memory
 - (e) Scope of Psychology
 - (f) Curve of forgetting
 - (g) Lazarus's theory of emotion.

3. Answer any **two** questions from the following: 10×2 = 20
 - (a) Critically discuss the postulates of behaviourism. 10
 - (b) Discuss with experimental evidence Atkinson-Shiffrin Model of memory. 10

- (c) Define fluctuation of attention. What are the different central and peripheral factors that influence fluctuation of attention? 3+7
- (d) Discuss the methods of Psychology highlighting their limitations. 10

Second Half

Human Development

4. Answer any *five* questions from the following: 2×5 = 10
- (a) What is Babbling?
 - (b) What is Allde?
 - (c) What do you mean by gender stereotype?
 - (d) What is meant by empty-nest syndrome?
 - (e) Define gender role stereotype.
 - (f) Define Centration with example.
 - (g) What is object permanence?
5. Write short notes on any *four* of the following: 5×4 = 20
- (a) Circular reactions
 - (b) Germinal stage
 - (c) Sex chromosomes
 - (d) Hazards of Gang age
 - (e) Emotional catharsis
 - (f) Operational stage of cognitive development
 - (g) Effect of culture on development
 - (h) Egocentrism.
6. Answer any *two* questions from the following: 10×2 = 20
- (a) What are the hazards of prenatal development? 10
 - (b) Illustrate different styles of child rearing practices. Which is the best child rearing practice according to you? 8+2
 - (c) Elaborate Piaget's theory of moral development. 10
 - (d) Discuss the common hazards of middle age. 10

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First Half

[Biopsychology]

1. Answer any **five** questions from the following: 2×5 = 10
 - (a) How many cranial nerves are there? Name any two.
 - (b) What is the area related to motor movements?
 - (c) What is area that moderates hunger?
 - (d) What is synaptic cleft?
 - (e) What is homeostasis?
 - (f) Types of neuron.
 - (g) Cranial nerve.
 - (h) What is the difference between gyri and sulci?

2. Answer any **four** questions from the following: 5×4 = 20
 - (a) Write a short note on action potential.
 - (b) Draw and label the parts of neuron.
 - (c) Discuss briefly the peripheral nervous system.
 - (d) State the functions of thalamus.
 - (e) Delineate the role of cerebellum in the process of learning.
 - (f) Describe the peripheral control of thirst.
 - (g) Describe cellular basis of behaviour.

3. Answer any **two** questions from the following: 10×2 = 20
 - (a) What is long term memory? Discuss the neurophysiology of memory with special emphasis on consolidation of memory. 2+8
 - (b) What is A.N.S.? Discuss the changes in activity of A.N.S. during the experience of stress. 2+8

- (c) Discuss the structure and functions of spinal cord. 10
(d) Delineate the central and peripheral factors of hunger. 10

Second Half
[Educational Assessment]

4. Answer any *five* questions from the following: 2×5 = 10

- (a) Define interest.
(b) What is super ego?
(c) Name any two tests of aptitude.
(d) What do you understand by self actualization?
(e) Differentiate between n Ach and n Pow.
(f) Write down any two features of backward children.
(g) Define intellectual impairment.
(h) Match the following:

A	B
H. Rorschach	Memory
Zimmerman	Projective technique
Guilford	Musical aptitude
Seashore	Interest

5. Answer any *four* questions from the following: 5×4 = 20

- (a) Briefly discuss Murray's theory of motivation.
(b) What are the salient features of Binet and Wechsler scales of intelligence?
(c) Write a short note on Transfer of training.
(d) Write a short note on Down's syndrome.
(e) State the role of parents and teachers in identification of the gifted child.
(f) Delineate the relation between interest and aptitude in academic success.
(g) Differentiate between educable and trainable mentally retarded children.

6. Answer any *two* questions from the following: 10×2 = 20

- (a) Enumerate in detail the methods of assessing personality. 10
(b) Discuss Guilford's theory of intellect. 10
(c) What is Educational Psychology? What are the scopes of the subject in today's technologically advanced world? 2+8
(d) Define mental retardation. Mention what special methods and educational psychology techniques should be used to educate children with mental retardation. 2+8

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