

**PARUL UNIVERSITY**  
**PARUL INSTITUTE OF APPLIED SCIENCES**  
**MID SEMESTER INTERNAL EXAMINATION, MARCH 2020**  
**B. Sc. Basics of Forensic Psychology, Semester 2**

**Paper Name: Basics of Forensic Psychology**

**Date: 03/03/2020**

**Paper Code: 11107160**

**Time: 1hr 30min**

**Max. Marks: 40**

**Instructions:**

1. All questions are compulsory and options are given in first and second question only.
  2. Numbers to the right of question indicate the marks of respective question.
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**Q. 1** Attempt **any one** question of the following. **(08)**

- (i) Write a note on Gestalt psychology and Psychoanalysis schools of psychology.
- (ii) Explain any four modern perspectives of psychology.

**Q. 2** Attempt **any three** questions of the following. **(12)**

- (i) Describe the structure of neuron with a well labeled diagram.
- (ii) Write a note on types of psychological professionals.
- (iii) Describe in detail the conduction of a neural impulse.
- (iv) Write a note on the components of the autonomic nervous system.
- (v) Explain the ethics of psychological research.

**Q. 3** Do as directed. Attempt **all five** questions. **(05)**

- (i) What is observer effect?
- (ii) Mention the different descriptive methods used in psychological researches.
- (iii) Name the components of the midbrain.
- (iv) Name the endocrine secretions of the pancreas.
- (v) Name the secretion of the pineal gland and what is its function?

**Q. 4** Write correct option in your answer sheet for following 15 multiple choice questions. **(15)**

MCQ 1 The adrenal medulla secretes ..... and ..... into the bloodstream.

- |                                       |                             |
|---------------------------------------|-----------------------------|
| (A) Epinephrine and<br>Norepinephrine | (B) Melatonin and Serotonin |
| (C) Thymosin and Thyroxine            | (D) Oxytocin and relaxin    |

MCQ 2 Andrew never really grew to be very tall. The doctor told his parents that Andrew's ..... gland did not secrete enough growth hormone, causing his small stature.

- |             |               |
|-------------|---------------|
| (A) Pineal  | (B) Pancreas  |
| (C) Adrenal | (D) Pituitary |

MCQ 3 The ..... system is also known as eat- drink – rest system.

- |                             |                         |
|-----------------------------|-------------------------|
| (A) Somatic nervous         | (B) Sympathetic nervous |
| (C) Parasympathetic nervous | (D) Central nervous     |

- MCQ 4 The pituitary gland is controlled by the .....
- (A) Hippocampus (B) Master gland  
(C) Hypothalamus (D) Hormones
- MCQ 5 The use of ..... helps to control for the effect of observer bias.
- (A) a single trained observer (B) blind observer  
(C) randomly selected observers (D) none of the above
- MCQ 6 The dog- salivation experiment of conditioned response was conducted by .....
- (A) Sigmund Freud (B) John Watson  
(C) Ivan Pavlov (D) B.F. Skinner
- MCQ 7 The tendency of observers to see what they expect to see is known as .....
- (A) participant observation (B) blind observer  
(C) observer bias (D) representative bias
- MCQ 8 ..... hormone is involved in a variety of processes such as contraction of uterus during childbirth, stimulation of breast milk, etc.
- (A) Progesterone (B) Oxytocin  
(C) Testosterone (D) Anti- diuretic hormone
- MCQ 9 The concept of diffusion of responsibility is explained in the ..... modern perspective of psychology.
- (A) Cognitive (B) Evolutionary  
(C) Sociocultural (D) Biopsychological
- MCQ 10 The ..... pathway consists of neurons that carry messages from the spinal cord and/ or brain to the muscles and glands.
- (A) Motor neuron (B) Autonomic nervous  
(C) Sensory neuron (D) Sympathetic
- MCQ 11 The ..... gland is located behind the sternum, between the lungs and is active only till puberty.
- (A) Thyroid (B) Thymus  
(C) Pineal (D) Adrenal
- MCQ 12 Which of the following is NOT one of the common ethical rules?
- (A) Participants have to give informed consent (B) Deception cannot be used in any studies with human beings.  
(C) The rights and well-being of the participants must come first (D) Data must remain confidential
- MCQ 13 In the scientific method for psychological research, the first step is ...
- (A) reporting your results (B) drawing conclusions  
(C) perceiving a question (D) testing the hypothesis

MCQ 14 Receiving neurons have special ..... on their dendrites that fit the shape of certain molecules.  
(A) branches (B) receptor sites  
(C) Synaptic vesicles (D) Synaptic gap

MCQ 15 The endocrine glands secrete chemicals called .....  
(A) pheromones into the bloodstream (B) pheromones onto bodily tissues  
(C) hormones into the bloodstream (D) hormones onto bodily tissues

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