



**Attempt this Paper on this Question Sheet only.**

**Division of marks is given in front of each question.**

**This Paper will be collected back after expiry of time limit mentioned above.**

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Signature of Supdt.:

**Q.1. Encircle the right answer cutting and overwriting is not allowed. (10x1=10)**

1. In signal detection theory, one factor that influences sensitivity is
  - a. How much the observer is paid for the task
  - b. How much the observer is paid for correct response
  - c. The likelihood that the signal is being presented
  - d. The intensity of stimulus
2. Which sense makes use of electromagnetic energy?
  - a. Hearing
  - b. Pain
  - c. Taste
  - d. vision
3. What is another term for difference threshold?
  - a. absolute threshold
  - b. difference adaptation
  - c. just noticeable difference
  - d. sensory differentiation
4. Autokinetic movement does not occur if there is a fixed
  - a. Frame of Reference
  - b. Illusion
  - c. Vision
  - d. Distance between stimulus and the eye
5. If reinforcement is withheld, response rate decreases and finally no response is shown this is called
  - a. Negative reinforce
  - b. Extinction
  - c. Punishment
  - d. Positive reinforce

6. The process of detecting, translating, and transmitting from external environment to brain is called
  - a. Perception
  - b. Sensation
  - c. Selective attention
  - d. Adaptation
7. ----- is synonymous with short-term memory
  - a. sensory registers
  - b. shadow memory
  - c. working memory
  - d. secondary memory
8. The study of the relationship between the physical characteristics of stimuli and the conscious psychological experiences they produce is known as
  - a. Psychophysics
  - b. Transduction
  - c. Sensation
  - d. threshold
9. Optical illusion result from distortion in
  - a. transduction
  - b. sensation
  - c. perception
  - d. adaptation
10. Psychophysics is the scientific discipline that
  - a. Relates the activity of sensory nerve fibers to perception
  - b. Characterizes the physical nature of sensory stimulation
  - c. Compares human perceivers to a computer-generated model
  - d. Relates a sensory stimulus to a perceptual event



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**ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED**

**Q.2. Give short answers of the following:**

**(5x4=20)**

1. Signal detection theory
2. Define problem solving
3. Reconstruction of memory
4. Sense of Auditory
5. Define classical conditioning

**Q.3. Answers the following questions.**

**(3x10=30)**

1. Explain operant conditioning with reference to punishment, reinforcement, schedules of reinforcement and application of operant conditioning
2. Describe perceptual organization and Gestalt laws of organization
3. Define motivation and explain Atkinson Need Achievement theory of motivation