

SUBJECT-PSYCHOLOGY

CLASS-XI

CH-5

LESSON- SENSATION, ATTENTIONAL AND PERCEPTUAL PROCESSES

1. Define the following: (1 mark each)
 - i. Sensation
 - ii. Attention
 - iii. Selective Attention
 - iv. Sustained Attention
 - v. Span of Attention
 - vi. Divided Attention
 - vii. Light adaptation
 - viii. Dark adaptation
 - ix. Perception
 - x. Kinesthetic system
 - xi. Vestibular system
 - xii. Cognitive styles
 - xiii. Illusion
2. Why is dark adaptation a slower process than light adaptation? (3)
3. What are the psychological dimensions of sound? (3)
4. What are the dimensions of colour? (3)

5. Explain the functional limitations of sense organs. (3)
6. Fill in the blanks:
 - (i) _____ contains the photoreceptors in our eye.
 - (ii) _____ muscles are attached to eye lens for the process of accommodation.
 - (iii) _____ is the region of maximum visual acuity.
 - (iv) From retina, a bundle of axons of ganglion cells forms the _____, which leads to the brain.
 - (v) _____ area in eye has no photoreceptors.
 - (vi) The photosensitive chemical substance present in rods is _____.
 - (vii) The photosensitive chemical substance present in cones is _____.
 - (viii) _____ is the main organ of hearing in the human ear.
 - (ix) Among all sense modalities, _____ is the most highly developed in humans.
 - (x) Our eyes are sensitive to a spectrum of light, the wavelength of which ranges from ____ nm to ____ nm.
 - (xi) The lens divides the eye into 2 unequal chambers, namely _____chamber and _____ chamber.
7. Explain the structure of human ear. (3)
8. Describe the working of human ear. (3)
9. What are the factors affecting selective attention? (3)
10. Explain the following theories of attention: (2+2)
 - (a) Filter theory

(b) Filter attenuation theory

11. Discuss the factors influencing sustained attention. (3)
12. What are the two approaches to understand perceptual processes? Explain with the help of an example. (2)
13. What are the 2 types of cognitive styles? (2)
14. Explain with the help of examples the Gestalt principles of perceptual organization. (6)
15. Enumerate and discuss in detail the monocular cues in perception. (6)
16. Describe the binocular cues of perception. (3)
17. What is perceptual constancy? Explain the types. (1+3)
18. Explain the Muller-Lyer Illusion. (2)
19. What is phi-phenomenon? (2)
20. Give the names associated with: (1 each)
 - (a) Filter theory
 - (b) Filter attenuation theory
 - (c) Gestalt psychology