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Matric Number: 17/MHS02/096

Course: Physiology (sense organs)

Question

Write short notes on any 2 eye defects

Answer

1)Homonymous hemianopia: The same side of the visual field is affected in

both eyes; the lesion is located behind the chiasma opticum. Heteronymous hemianopia: The opposite sides of both eyes are affected,

i.e. the patient has a vision as if he had blinkers on, meaning that both temporal visual fields are defected; the lesions are located inside the chiasma opticum.

2)Hemianopia with intact optical reflexes: A lesion of the corpus

geniculatum laterale. The collaterals of the reflex pathways in the mesencephalon exit before the corpus; thus, the reflexes remain intact despite the loss of vision.