

BIOLOGY

Std - X

Time : 1 hr.
Total Marks : 25

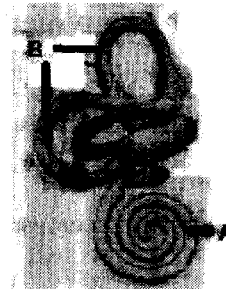
1. Select the statement related to Myelin sheath. (1)
- (A) tip of axonite
 - (B) secretes neuro transmitter
 - (C) made up of lipid

Find out the odd one . Write the common feature of the others.

- 2. Malleus, Cochlea, Stapes, Incus
- 3. Bitterness, sweetness, hot, sourness (2)

Identify the word pair relationship and fill in the blanks

- 4. Blinking of eye: Cerebral reflex:: Application of sudden brakes by driver -----
- 5. Rod cells : rhodopsin : Cone cells : ----- (2)
- 6. (a) Identify & write the name of the picture? (2)
- (b) Write the function of B ?



7. Find out the wrong statements and correct it. (2)
- (a) Vitamin A deficiency causes night blindness.
 - (b) Iris is the transparent front portion of sclera
 - (c) Aqueous humour is a watery fluid.
 - (d) Rod & cone cells are absent in yellow spot.

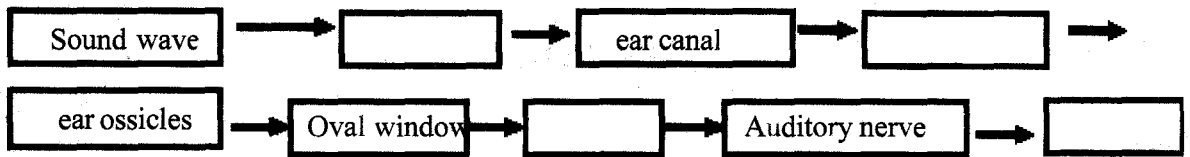
8. Write the name of the system which helps to face emergency situation? How does the following internal organs acts on emergency situation ? (4)
Eye , Liver, Urinary bladder

9 Complete the table (2)

Eye disorder	Cause	Remedy
(A)	Loss the elasticity of lens	Convex lens
Glaucoma	(B)	Laser treatment
Cataract	(C)	(D)

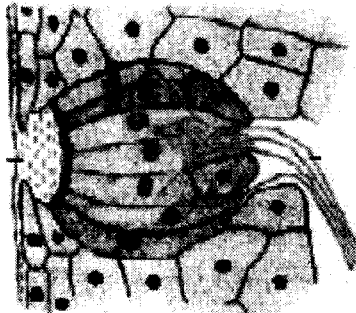
10 Complete the flow chart related to hearing

(2)



11. Identify & write the name of the picture? What are the functions of nerves in this receptor?

(2)



12. Relate the following context with the distance of objects

- (a) Curvature of lens increases.
- (b) Ciliary muscles relax.
- (c) Ligaments relaxes
- (d) Focal length decreases

(2)

13. Copy the given picture and label the parts described after that and name them.

(4)

- (a) Controls involuntary actions.
- (b) part which give us precise sensations.
- (c) maintains equilibrium of the body.

