



INTERBELL STUDENT SUPPORT MATERIAL
A JOINT VENTURE OF DIET PALAKKAD & SSK



STD: 10 CLASS NO :09 SUBJECT: BIOLOGY

20/07/2021

1. HAI FRIENDS,

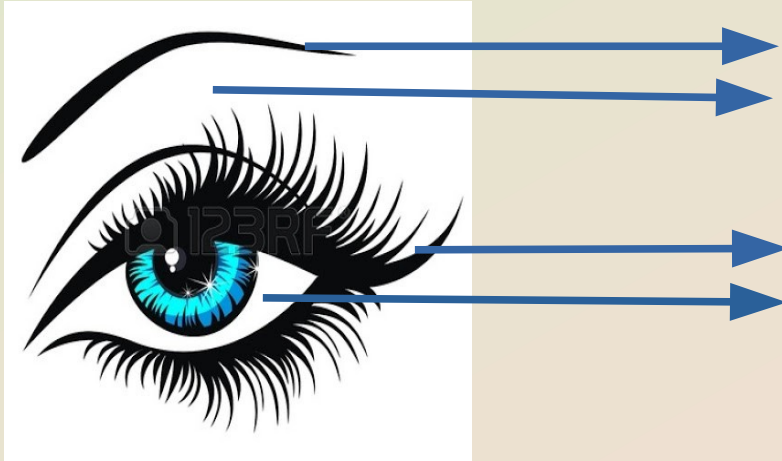
Do you know Receptors help sense organs in receiving various stimuli from the surroundings ?

LIST VARIOUS RECEPTORS AND THE STIMULI THEY RECEIVE

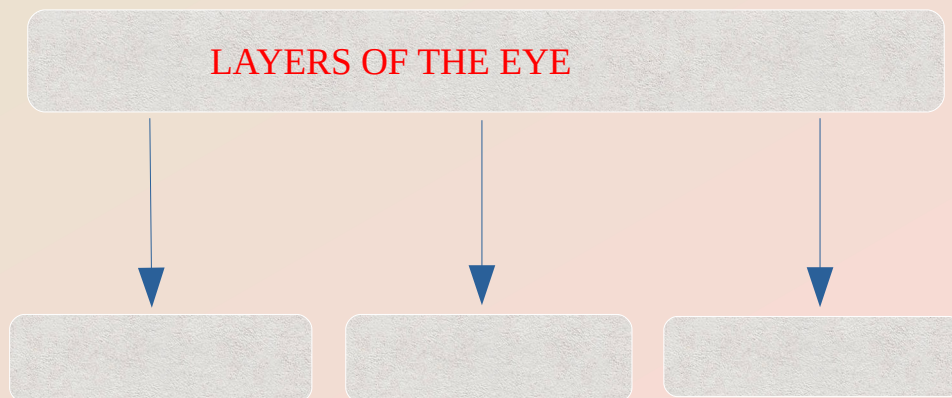
SENSE ORGANS	RECEPTORS	STIMULUS
1)Eye	photoreceptors	Light
2)Ear	-----	-----
3)Tongue	-----	-----
4)Nose	-----	-----
5)Skin	-----	-----

2. About 80% of our sensations are provided by the eye.

Identify the parts given in the diagram and write how they provide protection to eye.



3. Complete the flow chart related to the Layers of the eye.



4. Correct the errors any in the underlined terms in the following statements.

a) Cornea is the transparent part in front of the choroid.

b) Sclera is the layer of the eye with large number of blood vessels.

5. **Give reason.**

- a) **Vision is not possible if image is formed on blind spot.**
- b) **Tears have antiseptic property.**

6. **Redraw the diagram and label the parts given below.**



- a) **Part where photoreceptors are seen.**
- b) **The part that focuses light rays on the retina.**
- c) **The opening of the eye in the middle of the iris.**

7. **Identify the word pair relationship and fill in the blanks.**

- a) **Retina** : **The inner layer which has photoreceptors.**
----- : **The transparent anterior part of the sclera.**

- b) **Blind spot** : **The part from where the optic nerve begins .**
----- : **The part where the image has maximum clarity.**

8. Match the following

THE EYE-PARTS AND FUNCTIONS

SL. NO	PARTS	FUNCTIONS
1	Conjunctiva	Slightly projected anterior part of the sclera.
2	Ciliary muscles	The aperture seen at the centre of the iris .
3	Cornea	The layer which protects the front part of the sclera .
4	Pupil	Circular muscles seen around the lens.

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