



யാழ്പ്പാങ്ക് കല്വി വല്യമ്

Science - Unit Exam - 2020

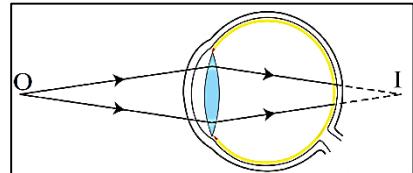
Grade - 9

Unit - 2

Time : 40 minutes

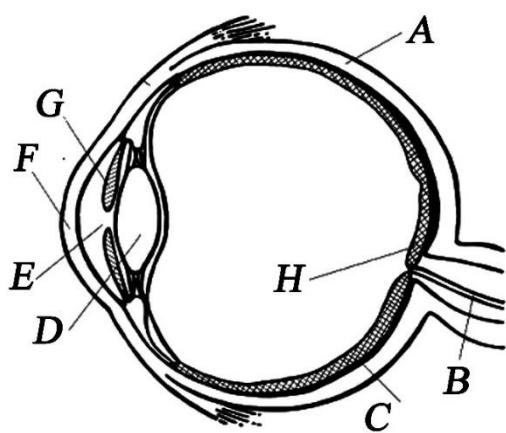
Part - I

❖ Underline the correct answer



Structure Questions

- 1) (a) A longitudinal view of a human eye is given here



01. Label the parts A – H (8 Marks)

A -
B -
C -
D -
E -
F -
G -
H -

02. Write the functions of the parts A, E, F and G

A : E :
F : G :

(4 Marks)

03. Which cells are sensitive to light in the part C

.....(4 Marks)

04. The curvature of the eye lens changes according to the different distance. How is this process called?

.....(2 Marks)

05. In which part does the image form normally in the retina?

.....(2 Marks)

06. How is the ability called when observing a place by both eyes?

.....(2 Marks)

07. What is the reason for the disease “Glaucoma”?

.....(2 Marks)

08. Which part is transplanted when doing transplantation of eye?

.....(1 Marks)

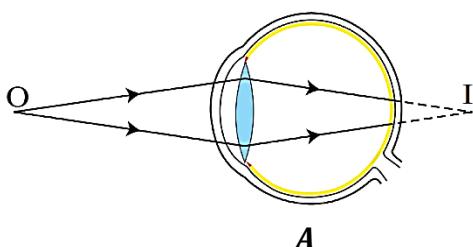
09. There is no vision is possible in blind spot what is the reason for this?

.....(2 Marks)

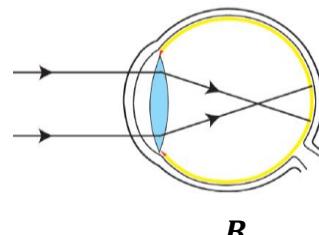
10. Give two ways to maintain our eyes as healthy?

.....
.....(2 Marks)

(b) Two short comes of human eyes are shown below



A



B

01. Identify both short comes A and B?

A :

B :

(4 Marks)

02. What is the reason for the short come "A"?

.....
.....(4 Marks)

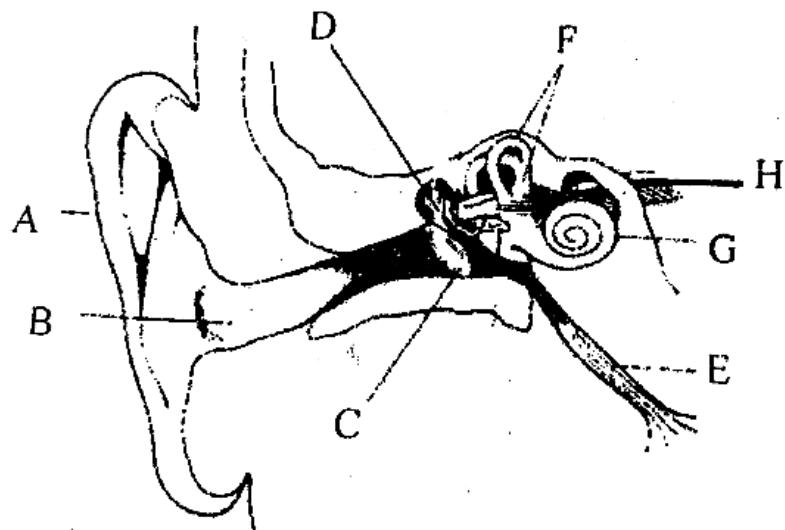
03. Which lenses are used to overcome these above short comes?

A :

B :

(2 Marks)

2) (a) A model of the human ear is given here



01. Label the part A – H

(10 Marks)

A :

B :

C :

D :

E :

F :

G :

H :

02. Write a flow diagram to show the sound travels in ear?

.....
.....
.....

(2 Marks)

03. Give the functions of the parts *B, E, G and H*

B : E :

G : H :

(4 Marks)

04. Which parts contribute to maintain the equilibrium?

.....
.....

(2 Marks)

05. Give the media of sound in ear?

.....
.....

(2 Marks)

06. Give the names of ossicles in an order?

.....
.....

(2 Marks)

07. Which part connects pharynx and the middle ear?

.....
.....

(2 Marks)

08. What is the reason for the losing of hearing when ageing?

.....
.....

(2 Marks)

09. Which parts are included in inner ear?

.....
.....

(2 Marks)

10. Give two ways to protect human ear?

.....
.....
.....

(2 Marks)
