



Examination for Second Semester
Diploma Degree
Physiology of The Eye
2 / 9 / 2020

Time allowed: 3 hours
Total marks: 30 marks
All questions to be attempted

A) Answer the following questions:

(3 points, 5 marks for each point)

1. Theories of accommodation and their clinical applications
2. Factors affecting corneal hydration and transparency
3. Factors affecting critical fusion frequency

B) MCQ: Choose only one answer:

(15 points, 1 marks for each point)

- 1) Adaptation for vision in poor light is:
 - a) Complete after 2-3 minutes
 - b) Mainly due to dilation of the pupil
 - c) Due to regeneration of rod but not cone pigment
 - d) Faster if red goggles are worn

- 2) The cones in the retina differ from rods in that they are more:
 - a) Numerous
 - b) Concerned with color vision
 - c) More sensitive under scotopic illumination
 - d) Affected by vitamin A deficiency



Tanta University
Ophthalmology Department
Faculty of Medicine

Department of Ophthalmology
Diploma Examination
Ophthalmic Medicine
10-8-2020

All questions to be answered

Exam Duration 3 hour

All marks 80

- 1- Causes of peripheral ulcerative keratitis .(20 marks)
- 2- Discuss different causes of lens induced glaucoma .(20 marks)
- 3- Management of central retinal vein occlusion.(20 marks)
- 4- Retinoblastoma: clinical picture and treatment.(20 marks)
- 5- Discuss Contact lens complications.(20 marks)
- 6- Causes of proptosisin children.(20 marks)
- 7- Give short account on congenital optic disc anomalies . (20 marks)
- 8- Discuss causes of light –near dissociation . (20 marks)

Good Luck

Optics Examination
Diploma Degree in Ophthalmology
Second Semester
September 2020
Date: 12/09/2020
Time allowed: 3 hours
Total marks: 30 marks



ANSWER ALL QUESTIONS

ILLUSTRATE WITH DIAGRAMS WHENEVER APPLICABLE

Discuss the following: (5 Marks EACH)

1. Optics of schematic eye.
2. Optical properties of the red reflex during retinoscopy.
3. Back vertex distance.