



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF NURSING SCIENCES**  
**2021\_1 EXAMINATION QUESTIONS**

**PROGRAMME: BACHELOR OF NURSING SCIENCE (BNSc.)**

**COURSE CODE: NSC511**

**COURSE TITLE – OPHTHALMOLOGY NURSING**

**CREDIT UNITS: 3**

**TIME ALLOWED: 2 HOURS**

**TOTAL MARKS: 70%**

**INSTRUCTION: ANSWER ALL THE QUESTIONS**

**Question 1**

Mr. Maxwell, a 25-year-old came to your eye clinic with history of eye pain, swollen eye, itching and discharge from the eye. After a detailed assessment, a diagnosis of conjunctivitis was made.

- (a) Briefly explain the various causes of this condition (10mks)
- (b) Outline the steps you would take to diagnose Conjunctivitis (5mks)
- (c) State the muscles of the eye and their functions that provide three-dimensional vision (5mks)

**Question 2**

(a) Write short note on the following:

- (i) Dry Eye
- (ii) Astigmatism (5mks each)

(b) Glaucoma has been described as a silent cause of blindness. Describe various types of Glaucoma (10mks)

**Question 3**

The cornea is the clear, dome-shaped surface that covers the front of the eye and is arranged in layers.

- (a) Describe the five layers of the cornea (15mks)
- (b) Explain briefly how the cornea respond to external injury (5mks)

**Question 4**

Describe the physiology of sight. (10mks)