



**DEPARTMENT OF NURSING SCIENCE,  
FACULTY OF HEALTH SCIENCES,  
NATIONAL OPEN UNIVERSITY OF NIGERIA  
2019\_2 Examination**

**COURSE CODE; NSS 513**

**COURSE TITLE; Ophthalmology in Nursing**

**TOTAL SCORE: 70%**

**INSTRUCTIONS; ANSWER ALL QUESTIONS Time Allowed; 2Hours**

**Questions**

1. Mrs Sowumi walked into the outpatient Department with history of poor vision on the right eye. On examination, she gave a history of being involved in a Road traffic accident few days back and sustained an eye injury on the right eye. Since then, he has been experiencing blurred vision, pain, reduced visual acuity and light scattering.

a) With the aid of a well-labelled diagram, describe the cross section of the eye

**Diagram -----1**

**Mark**

**Labelling-----2 Mark**

**Description ----- 4**

**marks**

**Total = 7 Marks**

b) Explain the Physiology of Sight. (8 Marks).

c) Explain the eyeball Motion. (5 Marks)

2. Discuss the following eyes conditions, using the guidelines below:

(i) Macular Oedema

(ii) Astigmatism

**Guidelines**

- Definition – **(2 Marks)**
- Causes – **(3 Marks)**
- Treatment – **(5 Marks)**

3.a) Explain Herpes simplex eye infections? (4 Marks)

b) Enumerate the symptoms and signs of simplex eye infection. (6 Marks)

c) Discuss the line of treatment for herpes simplex eye infection. (10 Marks)

d). Describe layers of the corneal tissue. (10 Marks)