

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE
OF BACHELOR OF SCIENCE (NURSING)

NURS 441: MEDICAL SURGICAL SPECIALITIES I (OPHTHALMIC NURSING)

STREAMS: BSC (NURS)UPGRADING

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 06/12/2017

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- Do not write anything on the question paper
- Mobile phones and any other reference material are NOT allowed in the examination room.
- The paper has three (3) sections. ALL questions are compulsory
- Your answer for section I (MCQs) should be on one page.
- Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.
- Write your answers legibly and use your time wisely.

MULTIPLE CHOICE QUESTIONS (20 MARKS)

1. The mechanism of action of beta blockers in the treatment of glaucoma is:
 - (a) Decrease aqueous humour production
 - (b) Increase aqueous humour outflow
 - (c) Decrease aqueous humor outflow
 - (d) Increase aqueous humour production
2. The following are symptoms of diabetic retinopathy except:
 - (a) Blindness
 - (b) Impaired sharp vision
 - (c) Blurred vision
 - (d) Double vision

NURS 441

3. After ophthalmic surgery, in which position should the patient be nursed?
 - (a) Flat in bed
 - (b) Semi-fowler's position
 - (c) On the affected side
 - (d) High Fowler's position
4. Complications of bacterial conjunctivitis includes the following except;
 - (a) Blepharitis
 - (b) Dacryocystitis
 - (c) Staphyloma formation
 - (d) Marginal corneal ulcer
5. Entropion is best referred to as:
 - (a) Inward turning of the lid margin
 - (b) misdirected cilia rubbing the eye
 - (c) Absence of cilia
 - (d) Outward turning of the lid margin
6. Which of the statement below about consensual reflex is false?
 - (a) If light is shone on one eye the pupil of the other eye should dilate
 - (b) If light is shone on the Seeing Eye, the blind eye will also respond.
 - (c) If light is shone on the blind eye, the Seeing Eye will not respond
 - (d) If light is shone on one eye the pupil of the other eye should constrict
7. The following refractive error condition occurs when the elasticity of the eye is reduced;
 - (a) Presbyopia
 - (b) Strabismus
 - (c) Myopia
 - (d) Hyperopia
8. Patient presenting with short eyeball is likely to be diagnosed with which ophthalmic condition?
 - (a) Presbyopia
 - (b) Strabismus
 - (c) Myopia
 - (d) Hyperopia

9. Astigmatism is corrected by use of
 - (a) Convex lenses
 - (b) Cylindrical lenses
 - (c) Concave lenses
 - (d) Photochromic lenses
10. A systemic condition that causes formation of new retinal blood capillaries, retinal oedema due to leakage from blood capillaries is:
 - (a) Graves disease
 - (b) Hypertension
 - (c) Diabetes mellitus
 - (d) Cytomegalovirus retinitis
11. The following drugs are Mydriatics and cycloplegics except
 - (a) Atropine
 - (b) Proparacaine hydrochloride
 - (c) Omatropine
 - (d) Cyclopentolate
12. Commonly used Distant visual acuity include the following except
 - (a) Snellen's near vision test types
 - (b) Simple picture chart
 - (c) Landolts C-chart
 - (d) E-chart
13. Patients with cataract commonly complain of:
 - (a) Loss of peripheral vision
 - (b) Tunnel vision
 - (c) Double vision
 - (d) Blurred vision
14. The mechanism of action of sympathomimetics in the treatment of glaucoma is that:
 - (a) Decrease aqueous humour production
 - (b) Increase aqueous humour outflow
 - (c) Decrease aqueous humor outflow
 - (d) Increase aqueous humour production

15. Choose the most correct statement about slit-lamp
 - (a) It enables the examiner to see larger areas of retina in an unmagnified state
 - (b) It is used with a hand held 20 diopter lens
 - (c) Magnifies 10-40 times the real image
 - (d) Magnifies 10-50 times the real image
16. The following are types of retinal detachments except
 - (a) Rhegmatogenous
 - (b) Traction
 - (c) Proliferative
 - (d) Exudative
17. All of the following are examples of cataract operations except
 - (a) Intracapsular cataract extraction
 - (b) Exocapsular cataract extraction
 - (c) Extracapsular cataract extraction
 - (d) Lens replacement
18. Associated factors of Retinal vascular disorders include the following except
 - (a) Diabetic mellitus
 - (b) Glaucoma
 - (c) Aging
 - (d) Hypertension
19. Loss of vision from retinal vascular disorders can occur from occlusion of retinal artery or vein. Types of occlusion include the following except:
 - (a) Branch retinal artery occlusion
 - (b) Central retinal vein occlusion
 - (c) Branch retinal vein occlusion
 - (d) Central retinal artery occlusion
20. Uveal tract comprises the following except:
 - (a) Choroid
 - (b) Suspensory ligaments
 - (c) Ciliary bodies
 - (d) Iris

SHORT ANSWER QUESTIONS (30 MARKS)

1. State the discharge instructions you would give to an ophthalmic patient going home with eye drops. [5 marks]
2. Draw a cross-sectional diagram of the eye globe. [5 marks]
3. State five (5) clinical features of central retinal artery occlusion (CRAO). [5 marks]
4. State five (5) risk factors for Diabetic Retinopathy. [5 marks]
5. State five (5) clinical manifestations of a patient diagnosed with cataract. [5 marks]
6. State five (5) symptoms of extra ocular foreign bodies. [5 marks]

LONG ANSWER QUESTIONS (20 MARKS)

- (a) State five (5) clinical manifestations of Glaucoma. [5 marks]
 - (b) State five (5) actual nursing diagnoses for a 50 year old lady with acute angle closure glaucoma. [5 marks]
 - (c) Describe the nursing interventions for the above state nursing diagnoses. [10 marks]
-