



**FINAL QUALIFYING EXAMINATION.
DIPLOMA IN COMMUNITY HEALTH NURSING
GENERAL NURSING.**

DATE: TUESDAY

7TH JUNE 2016

Time Allowed: 3 Hours

9:00am -12:00 Noon.

INSTRUCTIONS TO CANDIDATES:

1. ENTER YOUR EXAMINATION NUMBER on the space provided on the examination answer booklet and **inside every page of the answer booklet.**
2. Enter QUESTION NUMBERS on the space provided in the examination answer book.
3. Confirm you have written the EXAM and QUESTION numbers correctly before handing in your booklet.
4. Omission of/ and or wrong numbering of a question or part of the question will result in 10% deduction of the marks scored from the relevant part.
5. Observe all the examination rules and regulations as stipulated in the college rules and regulations.
6. Follow any other instructions from the supervisor as may be necessary.
7. **Mobile phones are NOT allowed in the examination hall.**

Part 1-Multiple Choice Questions (20 Marks)**1. The second step in clotting mechanism is:**

- a) Coagulation
- b) Platelet pluggin
- c) Fibrin formation
- d) Vessel constriction

2. Indicate whether the following statements are True or False

- a) Arthrology is the study of joints
- b) kinesiology is the study of body movement

3. The risk factors for cataract formation include:

- a) Age, Trauma, Metabolic Disturbances, Systemic Diseases
- b) Eye Strain, Trauma, Metabolic Disturbances, Hypertension
- c) Diabetes Mellitus, Systemic Diseases, Eye Strain, Hypertension
- d) Eye Strain, Age, Metabolic Disturbances, Trauma

4. Multiple sclerosis is a progressive disease of the nervous system due to:

- a) An autoimmune disorder of the myelin sheath in central nervous system.
- b) an autoimmune disorder affecting the myo-neural junction
- c) is an autoimmune attack of the peripheral nerve myelin
- d) Degeneration of the nerves in the peripheral nerves system.

5. The holding instruments used in a general set include:-

- a) Artery forceps ,needle holder, armynavy
- b) Alice, Littlewood, artery forceps
- c) Armynavy ,probe, artery forceps
- d) Probe, Littlewood, artery forceps

6. The purpose for abdominal Paracentesis is :

- a) Diagnostic examination of kidney , relieve of pressure
- b) Diagnostic examination of ascitic fluid , relieve of pressure
- c) Diagnostic examination of gall bladder , relieve of pressure
- d) Diagnostic examination of liver, relieve of pressure

7. Acne vulgaris is associated with :

- a) Blockage of the sweat glands
- b) Poor hygiene, and malnutrition
- c) Fungi infection that arises within the hair follicles
- d) Occlusion of pilosebaceous ducts

8. Organs that can be palpated on the left hypochondriac region include:-

- a) Stomach, gallbladder, Kidney
- b) Gall bladder, kidney, spleen
- c) Kidney, spleen, stomach
- d) Kidney , liver, stomach

9. Effective traction is achieved by:-

- a) Avoiding the line of the pull on the traction to relieve pain
- b) Resting weights on the bed or floor for proper alignment
- c) Resultant line of pull being in the opposite direction with long axis of the bone
- d) Allowing weights to hang freely at all times

10. Common sites of endometriosis include:

- a. Rectal vaginal septum, ovary, Broad ligament
- b. Ovary, ureter, urinary bladder
- c. Broad ligament, appendix, uterosacral ligaments
- d. Rectal vaginal septum, utero sacro ligament, ureters

11. Haemophilia A results from deficiency of factor:

- a. VIII
- b. IX
- c. III
- d. V

12. The nursing diagnosis that best describes a patient with psoriasis who has quit her job as a receptionist because she feels her appearance is disgusting to customers is:

- a) Ineffective coping related to loss of skin integrity
- b) Social isolation related to loss of skin integrity
- c) Impaired skin integrity related to presence of lesions
- d) Anxiety related to lack of knowledge of the disease process

13. Non absorbable sutures include:

- a) vicryl, silk
- b) chromic catgut, monofilament nylon
- c) vicryl, chromic catgut
- d) silk, monofilament nylon

14. The accumulation of thick, purulent fluid within the pleural space with fibrin development is characteristic of :-

- a) Empyema
- b) Effusion
- c) Pleurisy
- d) Emphysema

15. The Nursing Council of Kenya (NCK) is established under The Nurses Act Cap.

- a) 275
- b) 248
- c) 257
- d) 256

16. The etiology of the nursing diagnosis, "impaired skin integrity related to surgical incision, evidenced by incision wound", is:

- a) Situational
- b) Maturational
- c) Treatment
- d) Patho-physiologic

17. The restricted zone in theatre refers to area:

- a) In the operating room where scrub attire and surgical masks are required
- b) In the operating room that interfaces with other theatre
- c) Where only the surgical team can access
- d) Where patients who have undergone special surgery are confined

18. An allergic reaction is:

- a) A delayed or cellular reaction that occurs 1 to 3 days after exposure to an antigen.
- b) A Clinical response to an immediate immunologic reaction between a specific antigen and antibody.
- c) An abnormal heightened reaction to a stimulus of any kind.
- d) An inappropriate and often harmful response of the immune system to normally harmless substances.

19. Complications of tension pneumothorax include:

- a) Pleurisy due to friction of the two membranes
- b) Accumulation of blood and air in the pleural space
- c) Paradoxical chest movement which leads to severe distress
- d) Shifting of the heart and other mediastinal structures to the opposite side

20. During resuscitation, appropriate chest compression in adults are:

- a) 2 breaths to 30 compressions
- b) 2 breaths to 20 compressions
- c) 1 breaths to 30 compressions
- d) 1 breaths to 20 compressions

Part 11-Short Answer Questions (40 Marks)

1. Write short notes on Varicella virus using the following headings:
 - a) Transmission routes (1mark)
 - b) Type of condition it causes (2 mark)
2. State three (3) possible causes of dysfunctional uterine bleeding (3 marks)
3. State three (3) specific preparations for a patient due for abdominal endoscopy (3 marks)
4. Explain three (3) committees of the nursing council of Kenya (6 marks)
5. Outline the drug combination used in tuberculosis retreatment (3marks)
6. Explain three (3) nursing interventions for a patient with penetrating chest injury (6marks)
7. State two (2) hormones produced by
 - a) Anterior pituitary gland (2marks)
 - b) Adrenal gland (2marks)
8. Describe artesunate injection using the following headlines:
 - i. Classification (1mark)
 - ii. Indication (1mark)
 - iii. Adult dose (1mark)
 - iv. side effects (2mark)
 - v. 2 nursing responsibilities (2marks)
9. Draw a diagram illustrating the chain of infection (5 marks)

Part Three-Long Answer Questions-40 marks

1. Mrs. Magigukok 65 years old has been suffering from osteoporosis and developed lumbar vertebral damage. She is for follow up in the orthopedic clinic.

a) State five (5) individual risk factors that may have predisposed her to osteoporosis. (5 marks)

b) Explain three (3) clinical features she may present with (6 marks)

c) Describe her specific outpatient management until she has stabilized (9 marks)

2. Mr. K is admitted in a ward with cancer of the larynx and is for tracheostomy

a) Outline three (3) risk factors of laryngeal cancer (3marks)

b) State three (3) indications for tracheostomy (3marks)

c) Describe the specific management of Mr. K for the first 72 hours (10marks)

d) Explain two (2) complications of tracheostomy surgery (4marks)