



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING AND MIDWIFERY SCIENCES
KENYA REGISTERED COMMUNITY HEALTH NURSING
End of Semester Examinations Dec 2024

COURSE CODE AND TITLE: DNS 315: Medical Surgical iii

DATE: WEDNESDAY 11TH DECEMBER 2024

TIME: 2 Hours

Start: 0900 HOURS

Finish: 1100 HOURS

INSTRUCTIONS

1. This exam will be marked **out of 70 Marks**
2. ALL Questions are compulsory.
3. The Examination has Three Sections: Section A- Multiple Choice Questions, Section B: Short Answer Questions, Section C: Long Essay Questions
4. Answer all Questions in the ANSWER BOOKLET provided

SECTION I: MULTIPLE CHOICES QUESTIONS

(20 MARKS)

1. The medical term used for a fungal infection of the nail: -
 - a) Onychomycosis
 - b) Cellulitis
 - c) Tinea capitis
 - d) Dermatitis
2. One of the following describes eczema: -
 - a) Dry, flaky, itchy skin with possible inflammation
 - b) Pus-filled sores
 - c) Brown or black moles
 - d) Blisters around the mouth
3. The main treatment for scabies is: -
 - a) Antifungal cream
 - b) Antibiotics
 - c) Topical antiparasitic lotion
 - d) Steroid injections
4. The primary function of the integumentary system: -
 - a) Production of red blood cells
 - b) Protection from environmental hazards
 - c) Hormonal regulation
 - d) Synthesis of vitamin D
5. The most common cause of acne in teenagers: -
 - a) Genetic predisposition
 - b) Hormonal changes
 - c) Poor hygiene
 - d) Excessive sweating
6. Mastoiditis is often a complication of: -
 - a) Otitis media
 - b) Cerumen impaction
 - c) Otosclerosis
 - d) Tinnitus

7. The skin layer that contains nerves and blood vessels: -
- Epidermis
 - Dermis
 - Subcutaneous tissue
 - Stratum corneum
8. One of the following is a common cause of contact dermatitis: -
- Vitamin deficiency
 - Contact with allergens or irritants
 - Hormonal changes
 - Bacterial infection
9. Describe the sequence of Acute otitis loss: -
- Conductive deafness;
 - Sensorineural deafness
 - Perforated ear drum
 - Mixed- conductive and sensorineural deafness
10. A type of burn that affects both the epidermis and the dermis: -
- First-degree burn
 - Second-degree burn
 - Third-degree burn
 - Fourth-degree burn
11. Tinea corporis (ringworm) is caused by: -
- Bacteria
 - Fungus
 - Virus
 - Parasites
12. One of the following is a sign of a first-degree burn: -
- Blisters and swelling
 - Redness and mild pain
 - Charring of the skin
 - Blackened, painless skin

13. A bacterial infection that causes a honey-colored crust around the nose and mouth is known as: -
- a) Impetigo
 - b) Erysipelas
 - c) Folliculitis
 - d) Herpes zoster
14. A test that assesses the hearing acuity of a patient: -
- a) Rinne test
 - b) Weber test
 - c) Romberg test
 - d) A and B
15. The Rinne test is used to assess: -
- a) Bone conduction vs. air conduction
 - b) Balance
 - c) Tympanic membrane perforation
 - d) Tinnitus severity
16. One of the following procedures is used to examine the nasal cavity: -
- a) Laryngoscopy
 - b) Rhinoscopy
 - c) Otoscopy
 - d) Tympanometry
17. Myringotomy is performed to treat: -
- a) Otitis media
 - b) Labyrinthitis
 - c) Otosclerosis
 - d) Tinnitus
18. Tympanic membrane perforation can be caused by: -
- a) Barotrauma
 - b) Excessive ear cleaning
 - c) Loud noises
 - d) All of the above

19. Otosclerosis typically affects which part of the ear: -

- a) External ear
- b) Tympanic membrane
- c) Stapes bone
- d) Cochlea

20. One of the following conditions is a common cause of motion sickness: -

- a) Vestibular dysfunction
- b) Sinus infection
- c) Labyrinthitis
- d) Foreign body in the ear

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SECTION B: SHORT ANSWER QUESTIONS

(30 MARKS)

21. Outline Five (5) risk factors that can lead to the development of throat cancer. (5 marks)
22. State Five (5) classifications of burn in relation to the causes. (5 marks)
23. Describe the sequence of development of acute otitis media. (5 marks)
24. Describe the pathophysiology of allergic rhinitis. (8 marks)
25. State Five (5) health message to a patient with acute sinusitis. (5 marks)
26. State Three (3) types of skin grafting that can be done to a patient with burn. (3 marks)

SECTION C: LONG ANSWER QUESTIONS

(20MARKS)

27. Mr. x admitted with Burn 20 % (percent) burn.
 - a) Explain 3 Classification of burn based on the depth of tissues damage. (6 marks)
 - b) Describe the rule of 9 in adult. (3 marks)
 - c) Describe the nursing management in three phase of burn care. (12 marks)