



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING AND MIDWIFERY SCIENCES
DIPLOMA IN KENYA REGISTERED COMMUNITY HEALTH NURSING
SUPPLEMENTARY/ SPECIAL EXAMINATIONS

DNS 211: MEDICAL SURGICAL NURSING II

DATE: 28TH NOVEMBER 2022

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. In Buck's traction, the value of weights used is:-
 - a) 10-12kg
 - b) Not more than 4.5kg
 - c) 5-10kg
 - d) Not less than 5kg
2. The most significant problem with skeletal traction is:-
 - a) Development of carpal tunnel syndrome
 - b) Phantom pain
 - c) Mal-union
 - d) Potential for life threatening infection
3. One of the following assessment findings should indicate a possible nerve damage after a total knee replacement in severe osteoarthritis:-
 - a) Numbness
 - b) Bleeding
 - c) Dislocation
 - d) Redness
4. A client with a fracture complaining of increasing pain on the limb despite administration of analgesia is suspected to have developed:-
 - a) Disuse syndrome
 - b) Mal-union
 - c) Compartment syndrome
 - d) Deep venous thrombosis
5. The shortening and tightening of a muscle is called:-
 - a) Arthroplasty
 - b) Synovial fluid
 - c) Contracture
 - d) Arthritis

6. Paralysis of muscles used for breathing is associated with one of the following levels of injury,
- a) C1 to C5
 - b) C6 to C7
 - c) T2 to T4
 - d) C8 to T1
7. In the pathophysiology of ischemic stroke,
- a) There is reduced intracranial pressure
 - b) The brain continues to have aerobic respiration
 - c) The patient may present with Cushing's triad
 - d) Lateralising signs are absent
8. The initial sign of Parkinson's disease is,
- a) Rigidity
 - b) Tremors
 - c) Bradykinesia
 - d) Akinesia
9. Recurrent and unprovoked seizure activity is referred to as:-
- a) Epilepsy
 - b) Twitching
 - c) Focal seizures
 - d) Grand mal seizures
10. The CSF in bacterial meningitis characteristically contains:-
- a) Decreased WBCs, decreased protein and increased glucose
 - b) Increased glucose, increased platelets and decreased RBCs
 - c) Increased WBCs, increased protein and decreased glucose
 - d) Increased RBCs, increased WBCs and normal glucose
11. Paralysis of muscles used for breathing is associated with one of the following levels of injury:-
- a) C1 to C5
 - b) C6 to C7
 - c) T2 to T4
 - d) C8 to T1

12. An effective way to provide adequate nourishment to an elderly patient with moderate dementia is:
- a) Allowing the patient to choose foods from a varied menu.
 - b) Hand feeding the patient's favorite foods.
 - c) Routinely reminding the patient about the need for adequate nutrition.
 - d) Serving soup in a mug and offering finger foods.
13. The most common fracture occurring in the elderly from falls is:
- a) Hip fracture
 - b) Tibia fracture
 - c) Spinal cord fracture
 - d) Femur fracture.
14. A child with celiac disease is provided with dietary restrictions for:-
- a) Wheat and wheat products
 - b) Milk and other dairy products
 - c) Vegetable diet
 - d) Sodium rich diet
15. The rationale for bed rest when managing ulcerative colitis is to:-
- a) Reduce peristalsis
 - b) Reduce pain
 - c) Improve colonic emptying
 - d) Improve digestion
16. For a patient with an ileostomy, the priority nursing diagnosis is;
- a) Fluid volume deficient
 - b) Alteration in body image
 - c) Impaired oxygen exchange
 - d) Alteration in elimination
17. A characteristic of Duodenal ulcers is that:-
- a) Pain is relieved by eating
 - b) They are more common in women than men
 - c) Mostly present with malena stool
 - d) Present with pain which occur $\frac{1}{2}$ - 1 hour after meals
18. Following gastrectomy, dumping syndrome occurs as a result of;
- a) Reduced gastric motility resulting from vagus nerve stimulation
 - b) Removal of acid producing cells thus resulting in reduced absorption of vit B12

- c) Rapid gastric emptying of hyperosmolar fluid and substances into the duodenum
- d) Damage of vagus nerve and cardiac sphincter

19. Sitz baths post haemorrhoidectomy are meant to;

- a) Promote healing
- b) Relieve tension
- c) Lower body temperature
- d) Prevent infection

20. In chronic liver cirrhosis, a nurse emphasis on bleeding precautions because;

- a) The low protein diet will result in reduced clotting.
- b) The increased production of bile decreases clotting factors.
- c) The liver is unable to produce clotting factors
- d) The required medications reduce clotting factors

SECTION B: SHORT ANSWER QUESTIONS (30 MARKS)

1. State five (5) functions of Bone. (5 marks)
2. Highlight five (5) nursing considerations for a patient with a cast. (5 marks)
3. State five (5) early complications of fractures. (5 marks)
4. Explain the flow of Cerebrospinal fluid. (5 marks)
5. Outline five (5) Nursing activities you will perform during preparation of a patient for lumbar puncture. (5 marks)
6. State five (5) nursing interventions for a patient with cerebrovascular accident. (5 marks)

SECTION C: LONG ANSWER QUESTIONS (20MARKS)

1. A 43-year old man is admitted with chief complaints of sudden epigastric pain. He reports taking 5 bottles of alcohol daily for the last 12 years. The ultrasound indicated that the patients had rim of peri-pancreatic fluid indicative of pancreatitis.
 - a) a) State four (4) non-modifiable predisposing factors of pancreatitis (4 marks)
 - b) State six (6) clinical manifestation of pancreatitis other than epigastric pain. (6 marks)
 - c) Describe nursing management of this patient using nursing process (10 marks)

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