

**UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES
GENERAL NURSING SCIENCE DEPARTMENT
FINAL EXAMINATION
MAY 2018**

COURSE NAME: FUNDAMENTALS OF NURSING
COURSE CODE: GNS 100
TIME ALLOCATED: 2 HOURS
MARKS ALLOCATED: 75

INSTRUCTIONS:

1. ANSWER ALL 3 QUESTIONS.
2. ANSWER EACH QUESTION ON A SEPARATE PAGE.
3. EACH FACT IS WORTH 1 MARK.
4. WRITE LEGIBLY
5. TOTAL NUMBER OF PAGES: 5 INCLUDING COVER PAGE

DO NOT OPEN THE PAPER UNTIL THE INVIGILATOR INSTRUCTS YOU TO DO SO.

QUESTION 1:

[25 marks]

1.1 Choose the most appropriate answer. Write the question number and the corresponding choice eg. 1.1.1. C

- 1.1.1 Your classmate fell off the stairs, grabs his ankle, and cries, "Oh, my ankle, Help! The pain is so impulses traveling from receptors to the spinal cord along which type of nerve fibers?
- A. A-delta fibers
 - B. C fibers
 - C. Serotonin fibers
 - D. Somatic efferent fibers
- 1.1.2 During assessment, which data represent information concerning health beliefs?
- A. Family role and relationship patterns
 - B. Educational level and financial status
 - C. Promotive, preventive, and restorative health practices
 - D. Use of prescribed and over-the-counter medications
- 1.1.3 Which term would the nurse use to document pain at one site that is perceived in another site?
- A. Referred pain
 - B. Phantom pain
 - C. Intractable pain
 - D. Neuropathic Pain
- 1.1.4. When assessing the lower extremities for arterial function, which intervention should the nurse perform?
- A. Assessing the medial malleoli for pitting edema
 - B. Performing Helmick's manoeuvre
 - C. Assessing the Homans' sign
 - D. Palpating the pedal pulses
- 1.1.5 You are caring for a patient who has had severe burns on the head and face. Which position is the most suitable to place the patient:
- A. Supine
 - B. Semi-Fowler's
 - C. Prone
 - D. Trendelenburg
- 1.1.6 Nompilo went to the Gynaecology Clinic for a pap smear. Which position is the nurse going to place her in order to do this procedure with ease?
- A. Supine
 - B. Semi-Fowlers
 - C. Lithotomy
 - D. Prone

- 1.1.7. Mrs P. is recovering from a surgery has been ordered a change from a clear liquid diet to a full liquid diet. The nurse would offer which full liquid item to the client?
- A. Nuts and cereal
 - B. Ice chips.
 - C. Coke
 - D. Custard
- 1.1.8. When teaching a client who has iron deficiency anemia about foods she should include in her diet, you can determine that the client understands the dietary instructions if she selects which of the following from her menu?
- A. Nuts and fish.
 - B. Oranges and dark green leafy vegetables.
 - C. Butter and margarine.
 - D. Sugar and candy.
- 1.1.9. When giving dietary instructions to a client who is on a vegan diet, which vitamin should your teaching focus be that the patient may be lacking?
- A. Vitamin A
 - B. Vitamin D
 - C. Vitamin E
 - D. Vitamin C
- 1.1.10 Mrs. H has an indwelling foley catheter. When doing catheter care, you realize that the mouth of the drain on the bag has collected ants. What can you suspect of Mrs. H' condition?
- A. She has a hygienic problem
 - B. She might be having pyuria
 - C. Her urine bag has not been emptied for days
 - D. She might be having glucosuria
- 1.1.11. The Nurses Day is celebrated on the 12th of May in honour of Florence Nightingale. This day represents her:
- A. Birthday
 - B. Graduation date as a nurse
 - C. Death date
 - D. The inauguration of her first Nursing School
- 1.1.12 An infection acquired in the hospital is called:
- A. Contagion
 - B. Iatrogenic
 - C. Nosocomial
 - D. Endogenous

1.1.13 Mr. Z is admitted in ward 12 after a stroke. On your assessment, you realize that you have to perform range of motion exercises to avoid which complication associated with immobility.

- A. Urinary stasis
- B. Contractures
- C. Constipation
- D. Dependent edema

1.1.14 Ms N has been on bed rest for almost a week because she was unconscious. Upon regaining consciousness, she wants to ambulate. As a nurse, you understand that Ms N cannot just rise up and walk but has to dangle for a few minutes to prevent which bed rest complication?

- A. Emboli
- B. Seizures
- C. Footdrop
- D. Orthostatic hypotension

1.1.15. Zinhle has developed pastular rash on the back. The infectious agent that is likely to have caused this reaction is:

- A. Virus
- B. Bacteria
- C. Fungi
- D. Allergy

1.2 In the answer sheet, write the appropriate term or phrase that is defined or described by the statement below. e.g. Insomnia

1. Pus in urine	
2. Diffuculty Swallowing	
3. An opening on the abdominal wall for elimination of feces or urine	
4. Pulse rate of less than 60 b/min for an adolescent	
5. Laboured respirations	
6. Localized swelling filled with blood collection beneath the skin	
7. The reduction of pain to the level of comfort	
8. Turning the sole of the foot outward by turning the ankle joint	
9. Moving the forearms so that the palms of the hands face down when held in front of the body	
10. This short-term diet provides patients with fluid and carbohydrates (sugar) but not protein, fat, vitamins, minerals or calories.	

QUESTION 2**[Total Marks =20]**

- 2.1 Differentiate between:
- 2.1.1 PEP and PPE
 - 2.1.2 Hemiparesis and Hemiplegia
 - 2.1.3 Clean and clean-contaminated surgical wounds.
 - 2.1.4 Incision and laceration
 - 2.1.5 Referred and Phantom pain (10)
- 2.2 Discuss the three (3) nursing systems identified by Orem on when to meet the self-care or therapeutic needs of patients, give an example of each. (10)

QUESTION 3:**[Total Marks= 30]****SCENARIO:**

Musa is a 33 year old male, single with two children aged 1 and 4 years old. He works as a conductor for a taxi (kombi) with Manzini-Mbabane route. Musa is on Anteretroviral therapy and lately, he's been presenting with productive cough, mild chest pains, weight loss and nocturnal diaphoresis. When he came to the Mbabane Government Hospital, he was admitted in the male medical unit. His vital signs this morning recorded: T: 38.1°C, P: 72b/min, Resp: 14 b/min and Blood Pressure: 116/86 mmHg. On Examination, you realise that he is pale, the skin is dry with a papular rash, and when he coughs, he supports his chest and it is productive with tenacious sputum. His weight and height are 52 kg and 1.72m, respectively.

- 3.1 Having learned about Infection Prevention and Control (IPC), with an aid of a diagram, discuss how you would break the chain of TB infection, making reference to Musa's case. (15)
- 3.2 Develop a nursing care plan for Musa using the following as your guide:
- 3.2.1 Two (2) Nursing diagnoses: 1 Actual and 1 Potential (5)
 - 3.2.2 Goals (2)
 - 3.2.3 Plan (4)
 - 3.2.4 Rationale (4)

[15 marks]**GOOD LUCK!!!!**