



<u>FACULTY</u>	:	Health Sciences
<u>DEPARTMENT</u>	:	Department of Nursing
<u>CAMPUS</u>	:	DFC
<u>MODULE</u>	:	FVK 2A10 Fundamental Nursing Science MODULE 1: Basic Health Needs – Part 1 MODULE 2: Basic Health Needs – Part 2
<u>SEMESTER</u>	:	First Semester
<u>EXAM</u>	:	SSAO July 2019: Supplementary examination

DATE : 18 July 2019 **SESSION** : 08:00-10:00

ASSESSOR(S) : Mr S Matlala.....

MODERATOR(S) : Dr P Zibi..... (UJ)

DURATION : 2 Hours **MARKS** : 80

NUMBER OF PAGES: THIS PAPER CONSISTS OF 4 PAGES

INSTRUCTIONS:

1. Answer ALL THE QUESTIONS
2. Number your answers clearly

QUESTION 1

Mrs S is an 88 year old lady admitted in your ward following a kidney transplant. She has Diabetes Mellitus Type I and on high doses of corticosteroid. She states that she does not want to live anymore, wishes to have her room curtains closed at all times, wants to be left alone and feels incomplete since the recent passing of her husband. Lying next to her is Mrs X with a streptococci infection.

Use the above scenario to answer the questions below:

1.1 Identify and describe all the links of the chain of infection and their concepts and relate them to the scenario above. Motivate your answer. (24x½) = (12)

1.2 Define the following terms regarding to infection:

1.2.1 Resident flora.

1.2.2 Bacteria.

1.2.3 Bacteriocins.

1.2.4 Opportunistic pathogens.

1.2.5 Nosocomial infection.

1.2.6 Septicaemia.

1.2.7. Chronic infection.

1.2.8 Systemic infection. (8 X 1 = 8)

* [20]

QUESTION 2

Mr George 88 year old patient was admitted to the orthopaedic ward 2 weeks ago following motorbike accident and sustained open fracture of left tibia and fibula. The patient is still bleeding from the injured site despite ORIF and other surgical interventions. On examination the patient is becoming confused and restless, has a septic pressure sore with bone involvement on the right buttock, an abrasion on the left knee and redness on the left leg. Vital signs were as follows: pulse was 130 beats per minute, blood pressure 81/52 mmHg, temperature 40°C.

2.1 Formulate the care plan for the patient related to skin integrity. Provide one (1) nursing diagnosis, one (1) SMART objective and five (5) nursing interventions with rationale. (10)

2.2 Describe how you will assess the the wounds according to TIMES method. (5)

2.3 Formulate a written guidelines for the use of restraints. (10 X $\frac{1}{2}$ = 5)
* (20)

QUESTION 3

3.1 Describe the use and oxygen percentages of the following oxygen delivery devices:

3.1.1 Nasal cannula.

3.1.2 Simple face mask.

3.1.3 Vari mask.

3.1.4 Partial rebreather mask.

3.1.5 Non-rebreather mask. (5 X 1 = 5)

3.2 Describe the following essential nutrients and give examples of each:

3.2.1 Carbohydrate.

3.2.2 Proteins.

3.2.3 Lipids.

3.2.4 Minerals.

3.2.5 Vitamins (15)

* (20)

QUESTION 4

Mr P has a haemoglobin level of 5 g/dL and the doctor has prescribed four (4) units of blood to be transfused. During the transfusion of the third unit of blood he developed adverse reactions. The urine catheter was inserted 30 days ago and seems to be leaking an offensive discharge. The patient also complains of constipation since admission.

4.1 Describe specific interventions you would implement during an adverse reaction to administration of blood. Give rationale for each intervention. (20x $\frac{1}{2}$) = (10)

4.2 Describe nursing intervention that you will provide for Mr P since he is having a urinary catheter that is leaking and has offensive discharges. (10 X $\frac{1}{2}$ = 5)

4.3 Discuss how nurses can assist patients to achieve regular defecation. (10 X $\frac{1}{2}$ = 5)
* [20]

GRAND TOTAL {80}
