



<u>FACULTY</u>	:	Health Sciences
<u>DEPARTMENT</u>	:	Department of Nursing
<u>CAMPUS</u>	:	DFC
<u>MODULE</u>	:	VPK1C50 Medical and Surgical Nursing Science Module 5: Pulmonology, Ear Nose, throat and Eye Conditions and Oncology Module 6: Neurology, Nephrology and Urology
<u>SEMESTER</u>	:	First Semester
<u>EXAM</u>	:	SSAO July 2019

DATE : 19 July 2019 **SESSION** : 08:00-11:00

ASSESSOR(S) : Mrs IJ Kearns

MODERATOR(S) : Mr BS Matlala (UJ)
Prof S Schmollgruber (WITS)

DURATION : 3 Hours **MARKS** : 100

NUMBER OF PAGES: THIS PAPER CONSISTS OF 4 PAGES

INSTRUCTIONS:

1. Answer ALL THE QUESTIONS
 2. Adhere to instructed answering formats
 3. Number your answers clearly
 4. 1 Mark per fact unless otherwise indicated (1/2)
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QUESTION 1

Mr G, a 31-year-old construction worker, was admitted to the medical ward with cold sweats, chills, a deep productive cough with thick, rust-colored sputum, and generalized muscle and joint pain.

Subjective data:

He had a “chest cold” and was taking various antihistamines and decongestants that brought no relief. He complains of increased difficulty in breathing.

On physical examination:

- dusky nailbeds and mucous membranes and shallow respirations
- temperature - 40°C, RR 28, Pulse 114bpm,
- auscultation breath sounds were barely audible in the lower lobes and crackles and rales were heard

Chest X-Ray showed bilateral lobar pneumonia of the lower lobes.

1.1 Formulate a Nursing Care Plan in the following format include **(5) Nursing diagnoses**

Nursing diagnosis (5)	Related to (5)	Evidenced by (5)	Nursing interventions (5)	Rationale (5)
(25)				

On day two the medical interventions:

- antibiotic therapy – Augmentin 1.2g 8 hrly
- intravenous therapy × 3L over 24hrs
- repeat chest X-ray every second day
- Oxygen administration at 4L/min

1.2 Explain the bases for each of the above medical interventions (8)

On day three the ABG – results:

- Ph 7.55
- PaCo₂ 30mmHg
- PaO₂ 50mmHg
- O₂ – Saturation 80%
- Bicarbonate 26mEq/L

- 1.3 Interpret the above results and include the normal parameters (5)
*[38]

QUESTION 2

- 2.1 Describe the pathophysiology of ASTHMA in relation to the clinical picture (signs and symptoms) (12)
- 2.2 You are working in the medical ward and as part of the health promotion and maintenance programme – you are delegated to develop a teaching plan for COPD=Chronic Obstructive Pulmonary Disease patients, on how to cope with dyspnoea
- 2.2.1 Outline the information you will include (8)
*[20]

QUESTION 3

Mrs W, a 40-year-old housewife with two children, has been having menorrhagia and occasionally metrorrhagia for the past 5 months. She consulted her General Practitioner and on pelvic examination several large firm masses in the body of the uterus were palpated. She was diagnosed with uterine fibroids and a total abdominal hysterectomy was done.

Mrs W returns from theatre with a urinary catheter in situ and both legs in full-length antiembolic stockings

- 3.1 Discuss your nursing interventions with rationale for Mrs W (15)
- 3.2 Name the possible complications, including their reasons for development that can arise following abdominal hysterectomy (10)
- *[25]**

QUESTION 4

- 4.1 Explain the clinical manifestations of Acute renal failure based on the pathophysiology (9)
- 4.2 Give a brief description of Haemodialysis (8)
- *[17]**

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