



Year 2020/2021	Subject: Medical Surgical Nursing 2
Credit course	Final exam
Date : 21/2 /2021	Total Marks: 100
Time allowed: 3 hours	Prof. Eman Saleh Shahin & Assist.Prof. Amal Bakr & Dr. Shereen Eltahry

Part I

Read the following statement carefully and circle (T) if the statement is true and (F) if the statement is false. (30 Marks)

١.	Hypertensive patient treated with diuretics should increase food r riches with carbohydrate	(T)	(F)
٢.	Increase low density lipoprotein (LDL) is risk factor for peripheral vascular disease.	(T)	(F)
3.	Fried food rich is recommended for patients with hypertension	(T)	(F)
4.	Patient with deep vein thrombosis should be mobile 2 days after diagnosis	(T)	(F)
5.	Left side heart failure affect lung and caused pulmonary edema	(T)	(F)
6.	Sitting for long time increase risk for deep vein thrombosis	(T)	(F)
7.	Female is at risk more than males for lower urinary tract infection	(T)	(F)
8.	Burger disease is one from peripheral vascular diseases	(T)	(F)
9.	Blood pressure is an indirect reflection of the adequacy of cardiac output.	(T)	(F)
10.	Dysuria is means pain during urination	(T)	(F)
11.	Pitting edema is a signs of heart failure	(T)	(F)
12.	Extremities of patient with peripheral vascular disease are white or pale after elevation which is observed within 20 second to 2 minutes after lowering the extremities.	(T)	(F)
١3.	Urolithiasis and nephrolithiasis refer to stones in the urinary tract and kidney.	(T)	(F)
14	In urinary tract infection occure decreased serum phosphorus level due to increased renal excretion.	(T)	(F)
15.	When the pyelonephritis becomes chronic the kidneys become scared, contracted and nonfunctioning.	(T)	(F)
16.	Direct blow of fracture the force is not applied directly to the bone but is transmitted along some other part of the body.	(T)	(F)
17.	internal fixation devices may be applied to the bone to the bone to maintain alignment	(T)	(F)
18.	Fat embolism may be occur within 12 hours after fracture.	(T)	(F)
19.	Multisystem disease is primary causes of acute glomerulonephritis.	(T)	(F)
20.	Compound fractures may be complicated by the development of tetanus or gas gangrene infection.	(T)	(F)
21.	Tuberculosis can be transmitted from person to person through touching or sharing plates/cups?	(T)	(F)
22.	Everyone who is infected with tuberculosis will eventually fall sick and die without treatment?	(T)	(F)
23.	Tuberculosis can affect bones and joints	(T)	(F)
24.	Liver disease is common side effects of anti-tuberculosis treatment	(T)	(F)
25.	The presence of orange-red urine during tuberculosis treatment usually indicates that the patient's condition is worsening	(T)	(F)
26.	Pneumonia can be caused by inhaling a substance—such as food, drink, vomit or saliva—into your lungs	(T)	(F)
27.	Bronchial asthma is characterized by prolonged expiratory phase	(T)	(F)



28.	Alpha1- antitrypsin deficiency leads to destruction of alveoli	(T)	(F)
29.	COPD is a disease characterized by fully reversibility of airflow	(T)	(F)
30.	A combination of medications are used in the treatments of tuberculosis to reduce resistance of the organism to treatment	(T)	(F)

Part II: Circle the letter that corresponds to the best answer for each question (16 Marks)

1. A nurse working a surgical unit, notices a patient is experiencing calf pain, and warmth over the posterior calf. All of these may indicate which of the following medical conditions?

- A. Patient may be having signs of dermatitis.
- B. Patient may have a deep vein thrombosis.
- C. Patient may be in the late phases of coronary artery disease.
- D. Patient may be experiencing anxiety after surgery.

2. Which of the following statements stated by the patient to the nurse indicates a risk factor for peripheral vascular disease?

- A. "I exercise every other day."
- B. "My father died of cancer."
- C. "My cholesterol level is 220."
- D. I eat food rich with fiber

3. A Patient receiving heparin asks the nurse how the drug works. Which of the following points would the nurse include in the explanation to the patient?

- A. It dissolves existing thrombi.
- B. It prevents conversion of factors that are needed in the formation of clots.
- C. It inactivates thrombin that forms and dissolves existing thrombi.
- D. It interferes with vitamin K absorption.

4. The nurse is preparing her plan of care for her patient diagnosed with hypertension. Which is the most appropriate nursing diagnosis for this patient?

- A. Risk for infection
- B. Decreased tissue perfusion.
- C. Fluid volume excess
- D. Impaired gas exchange.

5. Which of the following is a precaution that should be considered when administering Sodium Nitroprusside?

- A. Cover IV bage to avoid exposure to light
- B. Giving it in high drop rate
- C. Giving it in low drop rate
- D. Add anticoagulant in IV bage



6. is causes of upper urinary tract infection.

- A. Heart failure
- B. Urine stasis
- C. Anemia
- D. Hypertention

7. Medications affecting stone formation such as:-

- A. Vitamin D increases
- B. Vitamin C decreases
- C. Hydrochloro thiazide
- D. Sodium phosphate

8. Calcium oxalate stone colour is :-

- A. yellow color
- B. yellow to red
- C. Gray to white
- D. White

9. is a disruption in the continuity of a bone.

- A. Cast
- B. Fracture
- C. Traction
- D. twisting motion

10. Oblique fracture line atdegree angle to long axis of bone.

- A. 45 degree
- B. 60 degree
- C. 90 degree
- D. 180 degree

11. Which one of the following is least likely to trigger of asthma?

- A. Strenuous exercise
- B. Common cold
- C. Reading the news paper
- D. Cat dander

12. Which of the following medications may be suspected as a possible cause of bronchial asthma?

- A. Acetylsalicylic acid (aspirin)
- B. Milk of magnesia
- C. Famotidine
- D. Diphenhydramine

13. The term _____ implies a familial tendency to manifest such



conditions as asthma, rhinitis, urticaria, and eczematous dermatitis.

- A. tropical allergy
- B. atopic allergy
- C. sensitization
- E. exocytosis

14. A client with pneumonia has a temperature ranging between 101* and 102*F and periods of diaphoresis. Based on this information, which of the following nursing interventions would be a priority?

- A. Maintain complete bed rest
- B. Administer oxygen therapy
- C. Provide frequent linen changes
- D. Provide fluid intake of 3 L/day

15. Which of the following mental status changes may occur when a patient with pneumonia is first experiencing hypoxia?

- A. Coma
- B. Apathy
- C. Irritability
- D. Depression

16. Fracture fragments pushed into each other is

- A. Spiral fracture
- B. Impacted fracture
- C. Transverse fracture
- D. Open fracture

Part III. Match the statement in column "A" with the corresponding term in column "B". (10 Marks)

A	B
1- a kidney that has become small, atrophic, shrunk and has lost function owing to scaring or fibrosis.	(A) Acute Pyelonephritis
2- an inflammatory process of the glomeruli .	(B) Closed fracture
3- It is a bacterial infection of the renal pelvis, one or both kidneys.	(C) Comminuted fracture
4- is one in which bone has splintered into several fragments.	(D) Acute Glomerulonephritis
5- it is used in which a cast or splint .	(E) Restriction of movement
6- is one in which the skin is unbroken .	(F) Reduction of the fracture
7- it is restoring the pieces of bone into anatomic alignment as nearly as possible.	(G) Chronic Pyelonephritis
the means by which reduction is maintained.	(H) Manipulation



9- fracture line perpendicular to long axis of bone.	(I) Greenstick fracture
10-break on one cortex of bone with splintering of inner bone surface.	(J) Transverse fracture

1	2	3	4	5	6	7	8	9	10
G	D	A	C	H	B	F	E	J	I

Part V. Read the following statements and write the appropriate answer for each one. (24 Marks)

1. Compare between right and left side heart failure regarding clinical manifestations. **(5 Marks).**
2. Write diagnostic evaluation for patients with urinary tract infection. **(4 Marks).**
3. Formulate two nursing diagnosis for patients with COPD considering priority. **(4 Marks).**
4. Write what means by Directly Observed Therapy (DOT)? **(2 Marks)**
5. Explain nursing care plan for the patient with renal calculi. **(5 Marks)**
6. List typical complete fractures? **(4 Marks).**

Part IV

Read the following situations carefully then answer the questions (20 Marks)

1. Mr. Ali came to the hospital with headache in occipital region, blurring vision, dyspnea, tachycardia, and dizziness.
 - A. Which diagnosis could Mr. Ali has? **(2 Marks).**
 - B. State two nursing diagnosis for Mr. Ali? **(4 Marks).**
 - C. Write nutritional instructions for Mr. Ali? **(4 Marks).**
2. Mr. Ahmed Mohamed a 35-year old male. He complains from running nose and fever, 2 days ago. He was brought to the hospital today complaining from dyspnea and cough. The physician examined him and asks the nurse monitor him for o2 level.
 - A. What is expected diagnose of Ahmed? **(1 Marks)**
 - B. What is emergency nursing care of pneumonia? **(3 Marks)**
 - C. List 4 nursing diagnoses suitable for Ahmed, then select one of them and state its nursing intervention. **(6 Marks)**

Good luck