

Bowen University
College Of Health Sciences
Department Of Surgery
Surgery 1 End Of Posting Examination
2021 Clinical Set

LONG ESSAY QUESTIONS.

ANSWER ALL QUESTIONS.
All questions carry equal marks.

22/04/2022

Time allowed: 1hour 30minutes

1. A 72-year-old man presented with inability to pass urine associated with painful lower abdominal swelling. He had a preceding history of irritative & obstructive lower urinary tract symptom. There is associated anorexia, weight loss and paraparesis. DRE revealed enlarged prostate, hard and nodular, PSA was 192ng/dL and lumbosacral Xray had multiple osteoblastic lesions.
 - (a) What is the likely diagnosis? **(6marks)**
 - (b) What initial procedure as a casualty officer will do you? **(2marks)**
 - (c) How will you confirm your primary diagnosis? **(2marks)**
 - (d) What type of therapy will you offer the patient? **(4marks)**
 - (e) Outline six (6) complications of your therapy above **(6marks)**

2. **Concerning orthopaedic cast application and its complications:**
 - (i) List two (2) advantages of POP compared to fiberglass cast. **(2 marks)**
 - (ii) Highlight four (4) precautionary measures you must take when applying POP. **(2 marks)**
 - (iii) Mention six (6) delayed complications of POP treatment of an injured limb. **(3 marks)**
 - (iv) What is compartment syndrome? **(1 mark)**
 - (v) List four (4) signs of compartment syndrome. **(2 marks)**

3.

a. (i) Explain the meaning of the following statement and give relevant examples.
“*There is a trade-off between joint mobility and stability*”. **(3 marks)**

(ii) Why are pre-reduction radiographs recommended in the evaluation of a patient with joint dislocation? **(3 marks)**

b. Write a succinct note on this statement: *Trauma deaths have been classically described as having a trimodal distribution*. **(10 marks)**

c. List **4 indications** for, and **4 contraindications** to surgical fixation of fractures. **(4 marks)**

4. (a). List 10 risk factors for breast cancer? **(10 marks)**

(b). Discuss the role of triple assessments in the diagnosis of breast cancer?
(10 marks)

5. a. Define Intestinal obstruction **(2 marks)**

b. Mention 3 causes of Mechanical Intestinal Obstruction and 2 causes of ileus
(5 marks)

c. Mention five resuscitation steps in Intestinal Obstruction. **(5 marks)**

d. List five investigations that can help with diagnosis and treatment. **(4 marks)**

e. State the principle of treatment of simple twisting of the ileum and when it's complicated. **(4 marks)**