

BOWEN UNIVERSITY
COLLEGE OF HEALTH SCIENCES
Department of Surgery
FINAL(PART IV) MBBS EXAMINATION
2019 CLINICAL SET
LONG ESSAY QUESTIONS.
PAPER 1
ANSWER ALL QUESTIONS.
All questions carry equal marks.
30/05/2022
Time allowed: 1hour 30minutes

1. **A 65year old male farmer was rushed to the casualty with 2-day history of persistent right inguino-scrotal swelling which had been coming out and spontaneously reducing for a period of 5 years. There are associated right inguino-scrotal pain and vomiting.**
 - (a) List two possible differential diagnosis of the problem.
 - (b) List five necessary resuscitation steps with reasons.
 - (c) List five necessary investigations needed for assessment and treatment.
 - (d) Assuming the patient was stable, mention the definitive treatment with three techniques.
 - (e) Mention five factors that led to recurrence of the primary surgical condition.

2. **A 25 year old okada rider was brought to casualty in a shocked state.He was involved in a head on collision with a hit and run car driver.He sustained abdominal injuries with left upper abdominal pains and linear red marks.,**
 - (a) Mention the most likely organ involved in this region that can result in shock.
 - (b) List five necessary resuscitation steps with reasons.
 - (c) List five necessary investigations needed with reasons.
 - (d) Mention three possible ways of surgical treatment at laparotomy.
 - (e) Enumerate five possible post-operative complications.

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

- B. Explain the meaning of the following statement and give relevant examples. “*There is a trade-off between joint mobility and stability*”. **(3 marks)**
- C. Why are pre-reduction radiographs recommended in the evaluation of a patient with joint dislocation? **(3 marks)**
- D. List **4 indications** for, and **4 contraindications** to surgical fixation of fractures. **(4 marks)**