

**BOWEN UNIVERSITY**  
**COLLEGE OF HEALTH SCIENCES**  
**Department of Surgery**  
**Surgery 3 End Of Posting Examination**  
**2019 Clinical Set**

**LONG ESSAY QUESTIONS.**

**ANSWER ALL QUESTIONS.**  
**All questions carry equal marks.**

**20/05/2022**

**Time allowed: 1hour 30minutes**

1. Discuss pathology and management of head injury.
2. A. List five (5) benefits of screening for breast cancer.  
B. List modalities for screening for breast cancer and discuss one of such modalities.
3. A. Outline the indications for prostate needle biopsy.  
B. Outline two approaches to prostate needle biopsy.  
C. Outline 6 complications to prostate needle biopsy.  
D. Outline two ways of preventing some of these complications.
4. A. What is urethral stricture disease.  
B. Outline 6 classifications of urethral stricture disease.  
C. Outline two options of treatment.  
D. Why is bougienage as a form of treatment of urethral stricture disease discouraged.  
E. Outline 6 advantages of buccal mucosa graft urethroplasty.
  
5. **You were the House Officer on call at the A & E when a previously healthy 35-year old Arajando, a commercial motorcycle rider, was rushed in following his involvement in a road traffic accident 30 minutes earlier. He did not sustain any open injury but kept shouting because of pain in his left thigh and begged you to help save his life.**
  - (a). What immediate actions would you take before the arrival of the Orthopaedic Registrar on call?

- (b). What are the possible clinical findings that could make you decide Arajando has a femur fracture?
- (c). Highlight the most important investigations you would do and justify the need for each one.
- (d). It was soon confirmed that Arajando has left femur fracture, and following the consultant's review the next day, you were asked to prepare Arajando for ORIF with locked intramedullary nail. Highlight your pre-operative preparations for his surgery.

**6.**

- (a) What is Osteoarthritis? **(1 marks)**
- (b) List six (6) risk factors for Osteoarthritis **(3 marks)**
- (c) What is the difference between primary and secondary Osteoarthritis? **(2 marks)**
- (d) List four (4) indications joint replacement **(4 marks)**
- (e) Discuss the treatment options that are available to a 69-year old woman with stage 3 bilateral knee osteoarthritis. **(10 marks)**

7. A. Define colotomy.

B. Mention five indications of colostomy.

C. Mention three things you can do in colostomy care

D. Mention two segments of the colon that allows for easy mobilization

of the colon with reasons.

E. List five complications of colostomy.

**8. A male neonate presents at Ejigbo district hospital with absent anal opening.**

Describe ten (10) things you will do for this neonate before referral to Bowen University Teaching Hospital, Ogbomosho.