



Were you paying attention? Test your retentive capacities on issues raised in this edition of *Africa Health*. You can quietly test yourself, or – and we're particularly keen on this – you could make it a part or the foundation of a Journal Club in your department or health institution. Life-long learning is a collaborative exercise and the whole health team can be positively stimulated by being involved in such discussion.

### 1. Imaging in chest disease

- Qi. In chest radiography, which two improvements have evolved with the modern-day CT scanner?
- Qii. What should be a major consideration when using the CT scanner as opposed to other imaging investigations?
- Qiii. Some interstitial lung diseases have a predilection for the upper zones whereas others are more pronounced in the lower zones. Which two diseases favour the lower zones?
- Qiv. In the West, lung cancer is the commonest cause of death due to cancer. Is this statement
  - a. True
  - b. False

### 2. Clinical Review

- Qi: The Widal test is used to confirm a clinical suspicion of what?
  - a. Tuberculosis
  - b. Typhoid fever
  - c. AIDS
- Qii: Give three ways in which hepatitis E virus is transmitted.
- Qiii: Name one intervention that can prevent and control sexually transmitted infections at the:
  - individual level;
  - partnership level;
  - sexual network level;
  - population level.
- Qiv. Which of the following facilitates antenatal syphilis testing?
  - Early antenatal visits.
  - Integration with prevention of mother-to-child HIV transmission programmes.
  - Point-of-care testing.
  - Antibiotics.
  - Partner notification and treatment.
- Qv. Women are twice as likely as men to develop anal cancer. Is this statement
  - a. True
  - b. False

- Qvi. What are some of the challenges to effective syndromic management of STIs?

- Qvii. The World Health Organization advises that uninfected infants born to HIV-positive mothers should breast feed for up to how long?
  - a. 6 months.
  - b. 2 years.
  - c. 12 months.

### 3. Medicine Digest

- Qi: In the treatment of heart failure, warfarin is associated with less risk of ischaemic stroke than aspirin but greater risk of what?
  - a. Migraine
  - b. Epileptic fit
  - c. Haemorrhage
- Qii: What is the negative side of using pioglitazone in the treatment of type 2 diabetes?
- Qiii. In uncomplicated acute appendicitis what could be considered as an alternative treatment to surgery?
- Qiv. In 65 trials for the maintenance treatment of schizophrenia, antipsychotic drugs were associated with movement disorders, sedation, and what else?
- Qv. Hormonal contraception may increase the risks of thrombotic stroke and myocardial infarction. Are the absolute risks considered to be:
  - a. low;
  - b. medium;
  - c. high.

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Q1. Images of the thorax can be acquired in a single breath-hold; scanners provide exquisite morphological detail.  
ii. The added radiation burden.  
iii. Idiopathic pulmonary fibrosis; asbestosis.

Q2. Answer b. Typhoid fever.  
ii. Water borne; vertically; from blood transfusion.  
iii. A) Diagnostic testing, treatment with antibiotics, vaccination, syndromic management.  
b) Use of condoms, partner notification, expedited partner therapy.  
c) Partner notification.  
d) Universal childhood vaccination against hepatitis B.  
iv. All of the above.  
v. True.  
vi. Asymptomatic infections, antibiotic resistant infections (especially gonorrhoea), overtreatment, outdated protocols, poor partner notification, few rapid point-of-care tests to confirm infection.

vii. c. 12 months

Q3. i. Haemorrhage  
ii. An increased risk of bladder cancer.  
iii. Antibiotic treatment.  
iv. Weight gain.  
v. Answer a. low.

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