

CPD questionnaires must be completed online at <https://members.samedical.org/>

Please note: The change in CPD question format comes from the accreditation bodies, who have informed us that CPD questionnaires must consist of a minimum of 5 questions, 80% of which should be MCQs with a minimum of 4 options and only 20% of which may now be in the form of 'True or false' answers.

MCQs may be of 'single correct answer' or 'multiple correct answer' format. Where the question states that more than one answer is correct, choose more than one of *i, ii, iii* or *iv* (anything from two to all answers may be correct), and then select the correct combination from answers a, b, c or d. Where the question states that only one answer is correct, mark the single answer that you think is correct.

Regarding the prevalence of *Plasmodium* species in asymptomatic individuals in North-Eastern South Africa

1. In which months do malaria cases peak in South Africa (SA)?
(more than one answer is correct)

- i. October
- ii. November
- iii. December
- iv. January
- v. February.

- a. *i, ii, iii*
- b. *ii, iii*
- c. *ii, iii, iv*
- d. *iv, v.*

2. Why do asymptomatic *Plasmodium* infections challenge malaria prevention efforts? (more than one answer is correct)

- i. They play a role in seeding malaria outbreaks.
- ii. They play a role in increasing transmission.
- iii. Detection is difficult.
- iv. Parasitaemia is often quite high.

- a. *i, ii*
- b. *i, ii, iii*
- c. *ii, iii, iv*
- d. *ii, iii.*

3. Which species of *Plasmodium* is detected by the rapid diagnostic tests for malaria used in public health facilities in SA? (one answer is correct)

- a. *Plasmodium falciparum*
- b. *Plasmodium ovale*
- c. *Plasmodium falciparum* and *Plasmodium ovale*
- d. none of the above.

Regarding HIV index testing implementation at public health clinics in South Africa

4. Which of the following are strategies for active referral when implementing index testing services? (more than one answer is correct)

- i. provider referral
- ii. contractual referral
- iii. dual referral
- iv. tertiary referral.

- a. *ii, iii, iv*
- b. *i, ii*

- c. *i, iii*
- d. *i, ii, iii.*

5. What percentage of clinics implement index testing services in SA? (one answer is correct)

- a. 65
- b. 75
- c. 85
- d. 95.

6. What are some of the barriers to effective index testing services implementation in SA? (more than one answer is correct)

- i. not having the resources to train appropriately skilled counsellors
- ii. not having the resources to train appropriately skilled index testing services tracers
- iii. not having registers and other documentation for monitoring and quality improvement
- iv. not having adequate administrative oversight.

- a. *ii, iii, iv*
- b. *i, ii, iii*
- c. *ii, iv*
- d. *i, ii, iii, iv.*

Regarding the impact of the MMed research requirement on registrar training and specialist registration in South Africa

7. Which of the following statements is correct? (one answer is correct)

- a. The Health Professions Council of South Africa (HPCSA) requires the completion of a Master of Medicine (MMed) research component by every registrar in training to register as a specialist in SA, in addition to their successful completion of the Colleges of Medicine of SA (CMSA) examination requirements for each specialty.
- b. The HPCSA does not require the completion of an MMed research component by every registrar in training to register as a specialist in SA, in addition to their successful completion of the CMSA examination requirements for each specialty.
- c. The HPCSA requires the completion of an MMed research component by every registrar in training to register as a specialist in SA, and does not require successful completion of the CMSA examination requirements for each specialty.
- d. The HPCSA does not require the successful completion of the CMSA examination to register as a specialist in SA for each specialty where a registrar has an MMed research component.

A maximum of 3 CEUs will be awarded per correctly completed test.

INSTRUCTIONS

1. Read the journal. All the answers will be found there.
2. Go to <https://members.samedical.org/> to answer the questions.

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8. What percentage of registrars completed their MMed research and the CMSA examination within the stipulated training time in 'The impact of the MMed research requirement on registrar training and specialist registration in South Africa: An internet e-survey'?

(one answer is correct)

- a. 80
- b. 70
- c. 60
- d. 50.

9. What percentage of MMed research projects were found to have been published in 'The impact of the MMed research requirement on registrar training and specialist registration in South Africa: An internet e-survey'? (one answer is correct)

- a. 20
- b. 30
- c. 40
- d. 50.

Regarding The Use of venous thromboembolism prophylaxis in relation to patient risk profiling (TUNE IN) Wave 3 study

10. What is the mortality rate in medical patients with pulmonary embolism in Africa?

- a. 20 - 50%
- b. 30 - 60%
- c. 40 - 70%
- d. 50 - 80%.

11. Which of the following are validated risk stratification tools for venous thromboembolism risk assessment? (more than one answer is correct)

- i. Caprini*
- ii. Kusher*
- iii. Geneva*
- iv. Zurich.*

- a. *i, iii*
- b. *ii, iii, iv*
- c. *i, ii, iii*
- d. *ii, iii, iv.*

12. Which of the following are well-recognised risk factors for venous thromboembolism? (more than one answer is correct)

- i. road-running*
- ii. lower limb fracture repair*

- iii. knee arthroplasty*
- iv. cycling.*

- a. *i, ii, iii*
- b. *ii, iii*
- c. *ii, iii, iv*
- d. *i, ii.*

Regarding D-dimer analysis of healthy adults receiving heterologous or homologous booster COVID-19 vaccine after a single prime dose of Ad26.COV2.S

13. What is the definition of thrombocytopenia syndrome? (one answer is correct)

- a. thrombosis in an unusual location (i.e. cerebral vein, visceral artery or vein, extremity artery, central artery or vein) without new-onset thrombocytopenia (i.e. platelet count $<150 \times 10^9/L$)
- b. thrombosis in an unusual location (i.e. cerebral vein, visceral artery or vein, extremity artery, central artery or vein) and new-onset thrombocytopenia (i.e. platelet count $<150 \times 10^9/L$)
- c. thrombosis in an unusual location (i.e. cerebral vein, visceral artery or vein, extremity artery, central artery or vein) irrespective of new-onset thrombocytopenia (i.e. platelet count $<150 \times 10^9/L$)
- d. thrombosis in an unusual location (i.e. cerebral vein, visceral artery or vein, extremity artery, central artery or vein) and existing thrombocytopenia (i.e. platelet count $<150 \times 10^9/L$).

14. What is D-dimer? (one answer is correct)

- a. a degradation product produced after fibrinolysis of blood clots
- b. the Ad26.COV2.S COVID-19 vaccine
- c. an antiplatelet factor
- d. an antibody enzyme-linked immunosorbent assay.

15. What was the Ad26.COV2.S COVID-19 vaccine linked to?

- i. thromboembolic syndrome*
- ii. hair loss*
- iii. varicose veins*
- iv. thrombosis with thrombocytopenia syndrome.*

- a. *i, ii*
- b. *i, iii, iv*
- c. *i, ii, iii, iv*
- d. *i, iv.*

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