

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

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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 response and remission after first-line corticosteroid therapy in primary immune thrombocytopenia

1. What are the prevalence rates of childhood anaemia in sub-Saharan Africa? (one answer is correct)

- a. 10% - 50%
- b. 20% - 60%
- c. 30% - 70%
- d. 40% - 80%.

2. What is the most common anaemia found in children? (one answer is correct)

- a. pernicious anaemia
- b. aplastic anaemia
- c. haemolytic anaemia
- d. iron deficiency anaemia.

3. Which of the following is correct regarding the World Health Organization (WHO)'s recommendations on management of childhood anaemia? (one answer is correct)

- a. Daily iron supplementation should be given to all children living in areas with a high prevalence of anaemia.
- b. Daily iron supplementation should be given to all children <12 years of age.
- c. Daily iron supplementation should be given only to symptomatic children.
- d. Daily iron supplementation is not necessary for all children living in areas with a high prevalence of anaemia.

4. Which of the following statements are correct regarding primary immune thrombocytopenia? (more than one answer is correct)

- i.* It is an autoimmune disease defined by an isolated thrombocytopenia of $<100 \times 10^9/L$ in the absence of distinguishable secondary causes.
- ii.* The worldwide incidence varies from 2 to 4 cases per 100 000 person-years, affecting more males and increasing with age.
- iii.* First-line treatment of immune thrombocytopenia (ITP) encompasses corticosteroids, which have been in use for ITP since the 1950s.
- iv.* Intravenous immunoglobulins and anti-D immunoglobulins are not useful as rescue therapy.

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

5. What is the indication for treatment in newly diagnosed adults with primary ITP? (one answer is correct)

- a. A platelet count $<10 \times 10^9/L$ with treatment being individualised based on bleeding risk.
- b. A platelet count $<15 \times 10^9/L$ with treatment being individualised based on bleeding risk.
- c. A platelet count $<20 \times 10^9/L$ with treatment being individualised based on bleeding risk.
- d. A platelet count $<30 \times 10^9/L$ with treatment being individualised based on bleeding risk.

Regarding the use of a urine lipoarabinomannan test in clinical decision-making regarding empiric tuberculosis treatment among HIV-positive patients suspected to have tuberculosis

6. How many AIDS-related deaths were there worldwide in 2022? (one answer is correct)

- a. ~430 000
- b. ~530 000
- c. ~630 000
- d. ~730 000.

7. Which of the following are correct regarding the GeneXpert test? (more than one answer is correct)

- i.* It is recommended by the WHO for diagnosing both pulmonary and extrapulmonary TB.
- ii.* It detects *Mycobacterium tuberculosis*.
- iii.* It has a sensitivity of 85% and specificity of 98%.
- iv.* It does not provide information regarding rifampicin sensitivity.

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

8. Which of the following is correct regarding sputum microscopy using Ziel-Nielsen or auramine stains? (one answer is correct)

- a. It detects mycobacteria and has a low false negative rate in advanced HIV-infected patients.
- b. It is simple to use, inexpensive and fast.
- c. It has a high sensitivity and specificity.
- d. It can be used to detect drug sensitivity.

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

INSTRUCTIONS

1. Read the journal. All the answers will be found there.
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Regarding evaluation of wastage of commonly used anaesthetic agents in the operating theatres of a South African teaching hospital

9. What percentage of the total healthcare cost in South Africa (SA) was attributed to the use of pharmaceutical agents in 2017? (one answer is correct)

- a. 10% - 15%
- b. 8% - 9%
- c. 7% - 8%
- d. 6% - 7%.

10. Which of the following statements is correct about propofol? (one answer is correct)

- a. It is biodegradable.
- b. It is not toxic to aquatic organisms.
- c. It is lipid-soluble.
- d. It is not an anaesthetic drug.

Regarding effective cannabis testing protocols for workplace safety in South Africa post legalisation

11. What are the acute effects of cannabis on human physiology and behaviour? (more than one answer is correct)

- i.* vigilance
- ii.* euphoria
- iii.* relaxation
- iv.* altered perceptions.

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

12. Which of the following Acts aims to legalise the private use of cannabis by adults in private settings? (one answer is correct)

- a. The National Health Act 61 of 2003
- b. The Cannabis for Private Purposes Act 7 of 2024
- c. The Occupational Health and Safety Act 85 of 1993
- d. The Drug and Food Safety Act 4 of 2002.

13. Which of the following statements are correct regarding common law and the employment contract? (more than one answer is correct)

- i.* Employees are required to carry out their duties as specified in their employment contracts.
- ii.* Employees are expected to perform their tasks diligently and efficiently.

iii. Employees are expected to avoid impairment from substances.

iv. Employees are expected to understand that impairment would not constitute a breach of contract.

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

Regarding the implementation of community-oriented primary care in the Cape Metro Health District

14. What is the definition of community-oriented primary care? (one answer is correct)

- a. A continuous process by which primary healthcare is provided to the population on the basis of its assessed health needs, by the planned integration of primary care practice and public health.
- b. A continuous process by which primary healthcare is provided to a defined community on the basis of its assessed health needs, by the planned integration of primary care practice and public health.
- c. A staggered process by which primary healthcare is provided to a defined community on the basis of its assessed health needs, by the planned integration of primary care practice and public health.
- d. A recurring process by which primary healthcare is provided to the population on the basis of its assessed health needs, by the planned integration of primary care practice and public health.

15. What are the five principles embraced by community-oriented primary care in SA? (one answer is correct)

- a. providing comprehensive care; improving health equity; analysing local health resources and institutions; practising with science; and integrating services around the needs of users
- b. providing comprehensive care; improving health equity; analysing local health resources and institutions; practising with diligence; and integrating services around the needs of users
- c. providing comprehensive care; improving health equity; analysing global health resources and institutions; practising with science; and integrating services around the needs of users
- d. providing comprehensive care; improving health equity; analysing local health resources and institutions; practising with science; and decentralising services around the needs of users.

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