



**SASA**  
SOUTH AFRICAN SOCIETY OF ANAESTHESIOLOGISTS

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## SAJAA CPD ANSWER FORM - November/December 2020

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### Please answer the following questions:

- 1. Fitness for purpose in South African anaesthesiology is defined as**
  - a. medical competence in all medical and non-medical aspects of practice.
  - b. proficiency that has been attained after years of experience.
  - c. expertise without deficit in technical or non-technical skills.
- 2. The original CanMEDS competency framework**
  - a. has been modified for use in South African anaesthesiology.
  - b. does not require adaptation as it is a generic framework applicable to all specialties.
  - c. includes the specialist roles of humaneness and context awareness.
- 3. The Cronbach's alpha score of 0.76 indicates that the questionnaire displays**
  - a. appropriate applicability to the local population.
  - b. good internal consistency.
  - c. items which are unrelated to one another.
- 4. Results of this study reveal that graduates**
  - a. have deficiencies related primarily to their non-technical skills.
  - b. do not have insight into their preparedness at graduation.
  - c. perceptions are in keeping with those of their seniors.
- 5. Learning from the hidden curriculum**
  - a. is particularly relevant to the acquisition of technical skills.
  - b. is an objective means with which learners can observe and synthesise skills.
  - c. relies on effective mentorship and rolemodelling by seniors.
- 6. With regards to the use of social networking sites:**
  - a. There is little risk associated with being Facebook friends with a patient.
  - b. Patients require consent to review doctors on social media.
  - c. Doctors require consent to post images of patients on Instagram.
- 7. The following statement is true:**
  - a. YouTube is often used to assist with education in regional anaesthesia.
  - b. Doctors do not use Wikipedia as a source of medical information.
  - c. Sharing patient information on WhatsApp group chats is a safe and efficient way of consulting colleagues.
- 8. The concept of a community collaborating to share resources and knowledge through various different media**
  - a. is beneficial as the quality of the content is standardised.
  - b. is known as free open access medical education (FOAM).
  - c. is outdated and an inefficient way of sharing information.
- 9. With regards to social media use in healthcare:**
  - a. It is irrelevant as doctors do not use it.
  - b. Doctors are apprehensive to use it professionally.
  - c. Privacy laws do not apply.
- 10. Surgical antibiotic prophylaxis (SAP) entails the prevention of infectious complications by administering**
  - a. a broad-spectrum antimicrobial agent prior to exposure to contamination during surgery.
  - b. an appropriate antimicrobial agent prior to exposure to contamination during surgery.
  - c. an appropriate antimicrobial during any surgical procedure.
  - d. an appropriate antimicrobial agent after exposure to surgical contamination.

- 11. The aim of SAP is to prevent surgical site infection by**
  - a. administering an antibiotic that targets the microbes most likely to contaminate the surgical site.
  - b. achieving adequate and timeous tissue levels and maintaining this for the duration of the surgery.
  - c. reducing adverse effects and microbial resistance by employing the narrowest possible spectrum of antibiotic for the shortest possible period (or omitting where appropriate).
  - d. all of the above.
- 12. Which of the following statements is NOT TRUE?**
  - a. Administration of SAP is considered appropriate for clean surgeries.
  - b. Administration of SAP is considered appropriate for clean-contaminated surgeries.
  - c. Administration of SAP is considered appropriate for contaminated and dirty surgeries.
  - d. Administration of SAP is considered appropriate where surgical prostheses are implanted.
- 13. In terms of timing of SAP, which is the MOST correct?**
  - a. It is appropriate to administer cefazolin 2 g two hours prior to surgical incision.
  - b. It is appropriate to initiate an infusion of vancomycin "on the table" 10 minutes prior to surgical incision.
  - c. Cefazolin 2 g should be administered 15 to 60 minutes before surgical incision.
  - d. It is acceptable to administer cefazolin 2 g up to 30 minutes after surgical incision.
- 14. Please select the MOST CORRECT statement:**
  - a. Re-dosing of the same antibiotic is considered appropriate if the duration of surgery exceeded two half-lives of the given antibiotic; or blood loss exceeds 500 ml (in an adult patient).
  - b. Antibiotic stewardship dictates that SAP should always be omitted in an in-patient who is already receiving antibiotic treatment for known or suspected pre-existing infection, regardless of the spectrum or time of administration of that agent.
  - c. For aortic valvuloplasty, SAP should be prolonged for 3 to 5 days.
  - d. A patient (weight, 90 kg) who has received a total hip replacement must continue to receive cefazolin 2 g, 8 hourly for 24 hours.
- 15. The following is recommended if an anaesthetist experienced a death on the table:**
  - a. The anaesthetist should continue with the list.
  - b. Psychologist appointment.
  - c. Immediate debriefing.
- 16. The impact of events scale-revised (IES-R) is used to**
  - a. screen for PTSD following a traumatic event.
  - b. diagnose PTSD.
  - c. monitor treatment of PTSD patients.
- 17. The prevalence of PTSD in South African anaesthetists following a death on the table is:**
  - a. 24.4%
  - b. 28.8%
  - c. 15.7%
- 18. The Karolinska Sleepiness Scale**
  - a. objectively measures fatigue.
  - b. is a visual analogue scale.
  - c. produces a score from 3–15.
  - d. subjectively measures fatigue on a 9-point scale.
- 19. The following cognitive domains were tested, EXCEPT**
  - a. visual learning.
  - b. psychomotor function.
  - c. language.
  - d. working memory.
- 20. Mental heuristics**
  - a. are a form of age-related cognitive decline.
  - b. are cognitive strategies used in decision making which minimise systematic processing.
  - c. may be more prevalent in the setting of adequate rest.
  - d. are unrelated to the individual's perception of reward.

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