



The Hong Kong College of Anaesthesiologists

Diploma in Pain Management Examination

Paper One (Short Questions)

22 October 2010 (Friday)

09:00 – 10:00

Instructions:

- I. The Question Paper carries a total of eight short answer questions.
 - II. Please answer **six** questions only and they carry equal marks.
 - III. Questions **1-4** are **compulsory**. Candidates can choose to answer **2 questions** from Questions **5-8**.
 - IV. Please write your answer for each question in the appropriate "Pre-labelled" Answer Book.
 - V. Record your candidate number and question number on each answer book.
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1. Outline the possible mechanisms of pain in a patient suffering from cancer.
 2. Outline your approach of management in a patient with inadequate postoperative pain relief by patient-controlled analgesia with morphine.
 3. Give a brief account of the use of carbamazepine in pain management.
 4. Discuss the mechanism of action and the role of transcutaneous electrical nerve stimulation (TENS) in pain management.
 5. A 12-year-old girl had chemotherapy for leukaemia and had been referred for management of severe pain from oral mucositis which caused difficulty swallowing and great distress. Discuss the principle of management in this case.
 6. Explain to your patient the pros and cons of transforaminal epidural steroid injection for treatment of pain from cervical radiculopathy.
 7. What is pain related fear avoidance behaviour? Give a brief account of the assessment tools and treatment for this condition.
 8. Discuss the role of calcium channels in the pathophysiology of pain and the implication on pharmacological treatment.

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