**Cast Application**

*Please print, complete and hand in this quiz at the start of the Cast Application seminar*

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Which of the following is an absolute contraindication to circumferential casting?
   1. Severe swelling
   2. Compartment syndrome
   3. A dislocation
   4. An open fracture
2. When applying a cast, one should do all of the following EXCEPT:
   1. Hold the plaster roll in the water until no more air bubbles are produced
   2. Use cooler water to allow for more working time
   3. Squeeze as much water as possible out of the plaster roll before application
   4. Apply 6 layers of plaster to the limb
3. With reference to cast moulding, all of the following are correct EXCEPT:
   1. The cast is shaped to the underlying limb, improving fit and comfort
   2. The palmar surface of the hands are best used for cast moulding
   3. Three-point moulding is used to help maintain fracture reduction
   4. Plaster casts set faster than fibreglass and have less working time for moulding
4. All of the following concerns require urgent medical attention EXCEPT:
   1. Numbness or tingling
   2. Drainage or an unusual smell
   3. The cast breaks
   4. Swelling relieved by elevation
5. Correct application of a short arm cast includes all of the following EXCEPT:
   1. The cast should end at, or just proximal to, the distal palmar crease
   2. The thumb should maintain full range of motion
   3. The wrist should be in neutral alignment
   4. The elbow should be immobilized