

M502: THERMAL ENVIRONMENT

OVERNIGHT REVISION QUESTIONS – DAY 4

Using no more than half a page per question, answer the following.

1. Discuss the process of thermal regulation within the body.
2. Discuss the various effects that can occur in humans as a result of increasing heat exposure.
3. You are the manager of a facility located in a hot humid environment. Describe the steps that you could take to ensure that any potential heat stress is minimised.
4. Discuss the various processes for non-evaporative heat transfer from the body.
5. Discuss the potential risks associated with wearing protective clothing in hot environments. Include in your discussion measures which could be taken in regard to protective clothing to reduce these potential risks.