

## Sample questions for ACCS Exam

### FORMAT FOR QUESTIONS

There are a number of questions where you will be required to select a number of correct answers;

Answer **A** if a) and b) are correct 3 marks  
**B** if b) and d) are correct  
**C** if a) ,c) and d) are correct  
**D** if only d) is correct  
**E** if e) is correct

There are a number of questions where you will be required to choose only one correct answer or one incorrect answer. Place the appropriate letter in the space provided.  
2 marks

There are a number of questions that require either “True” or “False”  
Place the letter T or F in the space provided. 1 mark

**For the following questions answer** **A** if a) and b) are correct  
**B** if b) and d) are correct  
**C** if a), c) and d) are correct  
**D** if only d) is correct  
**E** if e) is correct

### DERMATOLOGY

1. Which of the following factors are involved in the process of chronological aging of sun protected skin:

- a) Atrophy of subcutaneous fat
- b) Skin contraction
- c) Loss of suspension of supported tissues
- d) Loss of skeletal mass
- e) All of the above

Answer C (a,c,d)

15. The inflammatory phase of healing is most closely associated with which ONE of the following cell types? (Select ONE answer only)

- a) Basal epithelial cell

- b) Fibroblast
- c) Platelet
- d) Macrophage
- e) Smooth muscle cell

Answer D

Q 50- 55 In relation to pigmentation in the skin, **answer true or false**

51.Freckle (ephelides) are due to increased melanosomes in the skin T

52..A lentigo is due to increased melanocytes in the skin T

53.A mole (naevus) is due to increased numbers of keratinocytes F

#### Local Anaesthetics

61.An ionic gradient exists across the neural cell membrane, with high intracellular concentrations of  $K^+$  and low extracellular concentrations of  $Na^+$ . The relevance to the action of local anaesthetics is expressed in which of the following statements:

- a) At rest the outer membrane is positively charged relative to the intracellular environment.
- b) Excitation of the neurone causes increases permeability of the cell membrane to  $Na$ , causing temporary depolarisation
- c) Local anaesthetics stabilise the membrane at resting potential, increasing the threshold for electrical excitation
- d) Local anaesthetics inhibit depolarisation of the the cell by interfering with the influx of  $Na$
- e) All of the above

Answer E

74. The supra trochlear nerve is a branch of which cranial nerve SELECT ONE  
CORRECT ANSWER

- a) Second
- b) Seventh
- c) Third
- d) Fifth
- e) Eighth

Answer D

(This would be one of the easier anatomy questions)