

**Department of Emergency Medicine**

**Prince of Wales Hospital**

**ACEM NSW**

**Fellowship Exam Practice**

**(2019.1)**

**28 February 2019**

**Short Answer Questions**

**Booklet 3**

**Questions 19-27**

**Directions to Candidates**

1. Write your name on the front page of each question booklet.
2. Write your initials on each subsequent page.
3. Answer each question in the space provided.
4. No exam papers or materials to leave the room.

**Candidate name:** \_\_\_\_\_

Candidate initials: \_\_\_\_\_

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Candidate initials: \_\_\_\_\_

5. When do you need to start insulin in this man? (1 mark)

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6. What dose of insulin would you use? (1 mark)

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7. Name 2 potential causes of his condition? (2 marks)

1. \_\_\_\_\_

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2. \_\_\_\_\_

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Candidate initials: \_\_\_\_\_

2. Complete the table below in relation to his management. (8 marks)

Issue	Management	Rationale
Epistaxis		
Cervical fracture		
Anticoagulation		
Social issue		

Candidate initials: \_\_\_\_\_

SAQ 21 (total 9 marks)

A 75 year old man is brought into your ED by his daughter. She is concerned that his behaviour has changed over the last 1-2 weeks. She lives close by and visits her father 3 times a week. He lives alone and is normally independent in his self-care.

You are concerned that he may have one of the following.

Fill in the table below to demonstrate how you differentiate between the differential diagnoses. (9 marks)

	Dementia	Delirium	Depression
Historical features			
1. Onset			
2. Course			
3. Sleep			

Candidate initials: \_\_\_\_\_

Examination findings			
	Dementia	Delirium	Depression
1. Alertness			
2. Orientation & Awareness			
3. Memory			
4. Perception			
5. Emotions			
6. Precipitant(s)			

Candidate initials: \_\_\_\_\_

SAQ 22 (total 10 marks)

A 52 year old with known chronic liver disease secondary to alcohol presents with a reduced level of consciousness to your ED. She is not intoxicated. Her sister says she has been increasingly drowsy over the last 24 hours.

1. You decide she has hepatic encephalopathy. What 4 precipitants would you look for? (4 marks)

1. \_\_\_\_\_

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2. \_\_\_\_\_

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3. \_\_\_\_\_

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4. \_\_\_\_\_

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\_\_\_\_\_

Candidate initials: \_\_\_\_\_

2. What medications can be used to minimise a deterioration in her conscious state? Indicate a rationale in your answer? (6 marks)

<u>Medication</u>	<u>Rationale</u>







Candidate initials: \_\_\_\_\_

2. Are you obliged to adhere to the ACD? Explain the reasons for your answer. (2 marks)

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3. Her children say that the document is not witnessed. Does that make it invalid? Provide a rationale for your answer. (2 marks)

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Candidate initials: \_\_\_\_\_

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## SAQ 27 (10 Marks)

A 10 month old child is brought in by her mother. She was being carried to her cot when her mother noted that she stiffened and turned her head to her right and let out a cry. This was followed by a period of floppiness that lasted about 5 mins. She is normally well and not on medications. On arrival, she is responding to you and her mother.

HR 110/min. BP 80/45, Temp 39C.

Her mother is distraught.

1. What is the most likely diagnosis? (1 mark)

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2. This condition has 2 types and distinguishing between the two is important. What are the differences? (4 marks)

Diagnosis:	Diagnosis:



Candidate initials: \_\_\_\_\_

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**-End of Booklet 3-**