

- c. 'Shake the bottle' will need to be added to the label as the product is a emulsion and will need shaking before use to ensure an accurate dose is measured.
- d. 'Take FOUR 5 ml spoonfuls at night.'
- e. Not applicable.
- f. This product is an emulsion and would attract a 4-week discard date.
- g.

Castor oil 30% v/v emulsion		50 ml
Take FOUR 5ml spoonfuls at night.		
Do not take after (4 weeks)		
Shake the bottle		
Each 20 ml contains:		
Castor Oil BP	6 ml	
Acacia BP	15 g	
Double Strength Chloroform Water BP	10 ml	
Freshly boiled and cooled purified water	to 20 ml	
Ms Petra Williams		Date of dispensing

7. The patient would be advised to take four 5ml spoonfuls at night. In addition, the discard date and the need to shake the bottle before use would be highlighted to the patient.

Chapter 5: Creams

1. **Answer:** c (The surfactant in creams allows better skin penetration than in ointments.)
2. A 1 in 20 dilution will contain 1 g of Betnovate Cream per 20 g of dilution. Therefore, in 200 g of dilution, there will be $(200 \div 20) \times 1 = 10$ g.
Answer: b (10 g)
3. A 1 in 4 dilution will contain 1 g of Eumovate Cream per 4 g of dilution. Therefore, in 200 g of dilution, there will be $(200 \div 4) \times 1 = 50$ g.
Answer: d (50 g)
4. A 1 in 5 dilution will contain 1 g of Betnovate Cream per 5 g of dilution. Therefore, in 300 g of dilution, there will be $(300 \div 5) \times 1 = 60$ g.
Answer: d (60 g)
5. A 1 in 10 dilution will contain 1 g of Dermovate Cream per 10 g of dilution. Therefore, in 200 g of dilution, there will be $(200 \div 10) \times 1 = 20$ g.
Answer: c (20 g)
6. The cream contains 30% Arachis Oil BP. Therefore, there is 30 g of Arachis Oil BP per 100 g of cream. Therefore, in 50 g of final product, there is $(30 \div 100) \times 50 = 15$ g.
Answer: b (15 g)
7. **Answer:** c (Freshly boiled and cooled purified water.)
8. As the cream is for external use, the quantitative particulars are expressed per container. Although the quantitative particulars could be expressed as quantities per amount dispensed, for creams and ointments, it is customary to express the quantitative particulars as percentages.
Answer: a (As percentages)