g.

Zinc oxide and calamine cream		20 g
	Apply THREE times a day as directed.	
	Do not use after (4 weeks)	
	For external use only	
Containing:		
Zinc Oxide BP	15%	
Calamine BP	5%	
Aqueous Cream BP	ad 100%	
Mrs Avril Asker		Date of dispensing

7. The patient would be advised to apply the cream three times a day as directed. In addition, the discard date and fact that the product is for external use only would be highlighted to the patient.

Chapter 6: Ointments, pastes and gels

1. A 1 in 5 dilution will contain 1 g of Hydrocortisone 1% Ointment BP per 5 g of dilution. Therefore, in 25 g of dilution, there will be $(25 \div 5) \times 1 = 5$ g.
   Answer: c (5 g)
2. A 25% concentration will contain 25 g of Salicylic Acid BP per 100 g of final product. Therefore, in 15 g of final product, there will be $(25 \div 100) \times 15 = 3.75$ g.
   Answer: c (3.75 g)
3. If there are 3.75 g of Salicylic Acid BP per 15 g of final product, there will be $15 - 3.75 = 11.25$ g of White Soft Paraffin BP.
   Answer: b (11.25 g)
4. A 0.75% concentration will contain 0.75 g (750 mg) of Salicylic Acid BP per 100 g of final product. Therefore, in 50 g of final product, there will be $(750 \div 100) \times 50 = 375$ mg.
   Answer: b (375 mg)
5. If there is 2.5 g of Hydrocortisone BP per 50 g of final product, there will be $(2.5 \div 50) \times 100 = 5$ g of Hydrocortisone BP per 100 g of final product. This is equivalent to 5% w/w.
   Answer: d (5%)
6. The prescription requests 2.5% Strong Coal Tar Solution BP. Therefore, there is 2.5 g of Strong Coal Tar Solution BP per 100 g of final product. Therefore in 20 g, there will be $(2.5 \div 100) \times 20 = 0.5$ g.
   Answer: b (0.5 g)
7. The prescription requests $(100 - 15 - 2.5 - 12.5 - 25)$% White Soft Paraffin BP. Therefore, there is 45 g of White Soft Paraffin BP per 100 g of final product. Therefore in 20 g, there will be $(45 \div 100) \times 20 = 9$ g.
   Answer: c (9 g)
8. **Answer**: c (Levigation)