

- c. 'For external use only' will need to be added to the label as the product is a solution for external use.
- d. 'Use for cleansing the affected area as directed by your doctor.'
- e. Not applicable.
- f. 2 weeks as there is no preservative and the product may be applied to open wounds.
- g.

Hibitane Solution 0.05%	150 ml
Use for cleansing the affected area as directed by your doctor.	
For external use only	
Do not use after (2 weeks)	
Each 150 ml contains:	
Hibitane Concentrate 5%	1.5 ml
Freshly boiled and cooled purified water	to 150 ml
Mrs Sally Burns	Date of dispensing

- 7. The patient would be advised to use the solution for cleansing the affected area as directed by her doctor. In addition, the discard date and the fact that the product is for external use only would be highlighted to the patient.

Chapter 3: Suspensions

- 1. Diffusible solids are powders that are light and wettable. They mix readily with water and on shaking diffuse evenly through the liquid and remain in suspension long enough for a dose to be accurately measured.

Indiffusible solids are insoluble powders which will not remain evenly distributed in a vehicle long enough to ensure uniformity of dose. This may be corrected by increasing the viscosity by adding a thickening/suspending agent.

- 2. Chalk BP is an indiffusible powder (see Example 3.2). **Answer:** a (Chalk BP)
- 3. Magnesium Trisilicate BP is a diffusible powder (see Example 3.1).
Answer: d (Magnesium Trisilicate BP)
- 4. Bentonite BP would be unsuitable for use for a suspension intended for the oral route of administration. **Answer:** c (Bentonite BP)
- 5. **Answer:** b (Zinc Sulphate Lotion BP)
- 6. The formula for Compound Tragacanth Powder BP is:

Acacia BP	20%
Tragacanth BP	15%
Starch BP	20%
Sucrose BP	45%
- 7. Compound Tragacanth Powder BP is unsuitable for external use as the sucrose content will render any suspension sticky and therefore unsuitable for external application and pharmaceutically inelegant (*Pharmaceutical Compounding and Dispensing*, p 83).
- 8. 'Shake the bottle.'