4. You are asked to prepare 10 × 1 g suppositories, each containing Phenobarbital BP 60 mg (displacement value = 1.1.). How much Hard Fat BP base would be contained in each suppository?

a. 905 mg
b. 940 mg
c. 945 mg
d. 998.9 mg

5. Which of the following suppositories exerts a systemic effect?

a. Anusol
b. Bisacodyl
c. Proctosedyl
d. Stemetil

6. Which of the following statements is true?

a. A suppository base should melt at just above 40°C.
b. A suppository base should melt at just above 37°C.
c. A suppository base should melt at just below 37°C.
d. A suppository base should melt at just below 25°C.

7. List the properties of an ideal suppository base.

Formulation questions

This section contains details of extemporaneous products to be made in the same way as the examples earlier in this chapter. For each example, provide answers using the following sections:

1. **Use of the product**
2. **Is it safe and suitable for the intended purpose?**
3. **Calculation of formula for preparation**
4. **Method of preparation**

a. Solubility where applicable
b. Vehicle/diluent
c. Preservative
d. Flavouring when appropriate

5. **Choice of container**
6. **Labelling considerations**

a. Title
b. Quantitative particulars
c. Product-specific cautions (or additional labelling requirements)
d. Directions to patient – interpretation of Latin abbreviations where necessary
e. Recommended *British National Formulary* cautions when suitable
f. Discard date
g. Sample label (you can assume that the name and address of the pharmacy and the words 'Keep out of the reach of children' are pre-printed on the label)

7. **Advice to patient**