Chemical classification

Advantages

- Gives idea about chemical constituents
- Medicinal uses can be traced.

Disadvantages

- Don't give idea about biological source.
- No proper placement of drugs containing two types of chemicals.

Taxonomical classification

Advantages

- Gives idea about the source and origin.
- Handy for classification of crude drugs.

Disadvantages

- Fails to recognize organized or unorganized crude drugs
- Doesn't give idea about chemical constituents, uses etc

Pharmacological classification

Advantages

- Classification possible even when chemical constituents are not known.
- Useful for therapeutic purpose.

Disadvantages

- Don't give idea the biological source and chemical constituents.

Morphological classification

Advantages

- Convenient for practical study when chemical nature of drug is not clearly understood.
- Useful for identifying adulterants

Disadvantages

- Doesn't give idea about biological source, chemical constituents, uses etc.
- Difficult to classify when different plant parts contains different constituents.

Alphabetical classification

Advantages

- Simple
- Technical person not required for handling the system

Disadvantages

- Don't give idea bout biological source, chemical constituents, part used, uses etc