

**B. Pharm.**

**(SEM. VI) EXAMINATION, 2006-07**

**PHARMACOGNOSY - IV**

*Time : 3 Hours]*

*[Total Marks : 80*

*Note : (1) Attempt **all** questions.  
(2) All questions carry **equal** marks.*

**1** Give official source, diagnostic characters, **4×4**  
chemical constituents and uses of any four of  
the following drugs :

- (a) Tobacco
- (b) Cinchona
- (c) Nuxvomica
- (d) Raulfia
- (e) Ipecac
- (f) Belladona.

**2** Give biological source, chemical constituents, **4×4**  
used of any **four** of the following:

- (a) Kurchi
- (b) Colchicum
- (c) Tea
- (d) Vasaka
- (e) Ephedra.

**3** Write notes on any two of the following : **8×2**

- (a) Plant sweeteners
- (b) Plant bitters
- (c) Pancreatin or Trypsin.

**4** Discuss world wide trade of any four of the **4×4**  
following drugs :

- (a) Tropane alkaloids
- (b) Liquorice
- (c) Ginseng
- (d) Digitalis
- (e) Papain
- (f) Plant Laxatives.

**5** Write notes on any **two** of the following. **8×2**

- (a) Different chromatographic techniques and their applications in pharmacognosy.
- (b) Applications of plant tissue culture in pharmacognosy
- (c) Types of cultures used in tissue culture techniques.