

**Total number of printed pages – 4**

**B. Pharm**  
**PH. E5**

## **Eighth Semester Examination – 2008**

### **HERBAL DRUG TECHNOLOGY**

**Full Marks – 70**

**Time : 3 Hours**

*Answer Question No. 1 which is compulsory  
and any **five** from the rest.*

*The figures in the right-hand margin  
indicate marks.*

1. Answer the following questions in brief :

2 x 10

- (a) How the herbal drugs are safety ? Justify it with suitable example.
- (b) What is cosmeceuticals ? Give examples of some important cosmeceutical agents.

- (c) Why tannius and pesticidal residues determination done for crude drug and what idea it gives ?
- (d) Use of different herbal medicines against air borne infections.
- (e) What are the herbal constituent profiles for estragole ?
- (f) What is healing agent ? Write examples of it.
- (g) Differentiate herbal verses conventional drugs with suitable examples.
- (h) Swelling index determination is done for which type of crude drug and how it helps in Quality Control analysis ?
- (i) What are the different analytical profiles for Brahmi Aradrographis Paniculata ?
- (j) Define the term Quality Control and Quality Assurance.



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**Contd.**

2. Describe the WHO guidelines for the quality control of herbal ingredients. 10
3. Write down the analytical profiles of the following herbs : 10
- (a) Aegle marmelos
- (b) Gymnema.
4. What is nutraceuticals ? Describe any four official herbs used as nutraceuticals. 2+8
5. Describe the herbal constituent profiles of the followings : 5+5
- (a) Cyanogenic glycosides
- (b) Lectins and tannins.
6. Explain the preparation methods and uses of herbal medicines against cold and skin infections. 10

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7. Write down the different methods use for determination of : 5+5
- (a) Ash value
- (b) Extractable matter.
8. Write short notes on : 5+5
- (a) Toxicity in herbals and their interactions
- (b) Supply of herbal medicines and legal aspects.

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