

MAY 2017

17462(M)

**B. Pharmacy (Ayur.) 4th Semester Examination**

**Pharmacognosy of Ayurvedic Drugs-II (CBS)**

**BPA-402**

**Time : 3 Hours**

**Max. Marks : 60**

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt five questions in all. Select one question each from Section A, B, C, D. Section E is compulsory.

**SECTION - A**

1. Write biological source, chemical constituents and medicinal uses of following drugs.  
(a) Vasaka (b) Guggulu (c) Eranda (3×4=12)
2. Write biological source, chemical constituents and medicinal uses of following drugs.  
(a) Datura (b) Punarnava (c) Jyotishmati (3×4=12)

**SECTION - B**

3. Discuss evaluation of crud drugs in detail with special emphasis on physical and chemical evaluation. (12)
4. Describe various factors affecting herbal drug constituents on cultivation of medicinal plants. (12)

**SECTION - C**

5. Write exhaustive notes on the following.  
(a) Concept of immunity.  
(b) Rasayana and its classification. (6+6=12)
6. Write exhaustive notes on the following.  
(a) Natural pesticides  
(b) Aromatherapy (6+6=12)

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**SECTION - D**

7. Write exhaustive notes on the following.  
(a) Camera lucida drawing-concept of vein-islet number  
(b) Measurement (Micrometry) of Trichomes and Xylem vessel. (6+6=12)
8. Write exhaustive notes on the following.  
(a) Camera lucida drawing-concept of vein-termination number.  
(b) Measurement (Micrometry) of Crystals and Fiber. (6+6=12)

**SECTION - E**

**(Compulsory Question)**

9. Give short answer:  
(a) Maricha (biological source).  
(b) Hingu (biological source).  
(c) Tila (biological source).  
(d) Inhalants (allergens).  
(e) Stomatal index (definition).  
(f) Palisade ratio (definition).  
(g) Volatile Oil.  
(h) Infectants (allergens).  
(i) Stomatal number (definition).  
(j) Ardraka (biological source).  
(k) Fixed oils.  
(l) Test of Carbohydrate. (1×12=12)