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B. Pharmacy (Ayurveda) 5th Semester Examination

Dravyaguna Vigyana-IV (NS)

BPA-514

Time : 3 Hours

Max. Marks : 70

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 :** (i) This question paper is consisting of six questions. Question 1 is consisting of 10 parts carrying 20 marks. Other five questions will carry 10 marks each.
- (ii) Question 1 is compulsory and candidates are required to attempt any five questions out of remaining six.

1. (a) What is Latin name and family of *Avartaki*? Name the main chemical component exists in it.
- (b) What is the family and Latin Name of *Kushmand* and what are its pharmacological properties?
- (c) What are the main adulterants mixed with the *Chandrashur* in open market trading? Write the Latin name of *Til*.
- (d) Write the 3 synonyms of *Lajjalu*, *Dhavayas* and *Majuphal*.
- (e) What is useful part of '*Bharangi*', and *Rumi mastangi*?
- (f) How many types of '*Kadamba*' is described in Ayurveda? Write their Names and Latin Names.
- (g) Does the '*Nadi-hingu*' is the type of *Hingu* (foetida)? If not then write its family and Latin name.

[P.T.O.]

- (h) *Gandha prasarani* and *Madayantika* plants are used for what ailments?
- (i) How many plants are used with the name of '*Rasna*'? Give the Latin name of all controversial plants.
- (j) What is the family and Latin name of '*Sur punnag*' and *Taruni*? (10×2=20)
2. Define the '*Anuloman*' Karma with the examples and give a write up on it's modern interpretation comparing with the laxatives. (10)
3. What is the difference in between the *Rechan* and *Bhedan* karma? Explain it with giving examples and mode of action. (10)
4. What is the '*Vichitra Pratyayarabdh*' dravya? Who ancient Ayurveda Acharya termed the same thing by the name '*Vikrati Visham Samvet*' dravya? (10)
5. What are the mode and mechanism of karma (pharmacological action) of a drug referred in Ayurveda? (10)
6. Define the '*Vyavayi*' and '*Brinhan*' karma, with the examples. (10)
7. Whether the wheat (*Godhuma*) and Barley (*Yava*) contains the same *Madhur rasa* (Sweet in taste) but wheat (*Godhuma*) performs the action as a '*Vata har*' and Barley (*Yava*) performs action as '*Vata kar*'. Why and How? Explain in detail. (10)
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