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Roll No

PY-805 (C)**B.Pharmacy VIII Semester**

Examination, June 2017

Herbal Drug Technology

(Elective-II)

Time : Three Hours

Maximum Marks : 70

Note : i) Attempt any five questions.

ii) All questions carry equal marks.

iii) All parts of each question are to be attempted at one place.

1. State the WHO guideline for assessing quality of herbal medicine. Explain in detail swelling index and foaming index.
2. What are herbal drug? Explain different sources of herbal drugs with suitable examples.
3. Explain the tridosha theory and panchmahabhuta theory of Ayurveda.
4. Write detail note on:
 - a) Callus culture
 - b) Hairy root culture.

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5. What are Asava and Arishta? Explain their method of preparation evaluation as per Ayurvedic pharmacopoeia of India.

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6. Explain "HPTLC and HPLC as important tool for qualitative and quantitative analysis of Herbal medicine" with suitable examples.
7. Explain the followings:
 - a) Plant based industries involved in R and D work on medicinal and aromatic plants in India.
 - b) Regulatory requirement for herbal industries with respect to Infrastructure and quality control.
8. Define plant tissue culture. Explain the techniques of plant cell immobilization in plant tissue culture. Gives its importance.

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