

*SH-III/Botany/302C-6(T)/19***B.Sc. Semester III (Honours) Examination, 2018-19****BOTANY****Course ID : 31312****Course Code : SHBOT-302C-6(T)**

Course Title: Economic Botany and Pharmacognosy

**Time: 1 Hour 15 Minutes****Full Marks: 25***The figures in the margin indicate full marks.**Candidates are required to give their answers in their own words  
as far as practicable.*

1. Answer *any five* of the following: 1×5=5
- Name two important active constituents of *Strychnos*.
  - What is the morphological nature of cotton fibre?
  - Mention the useful part of clove.
  - What are the sowing and harvesting seasons of 'Aus' rice?
  - Mention the scientific name of Titapat.
  - State the morphological nature of coconut kernel.
  - Mention the scientific name and family of soybean.
  - Mention two timber yielding plants.
2. Answer *any two* of the following: 5×2=10
- Discuss briefly the cultivation of tea.
  - Mention the extraction procedure of Jute. Give two economic importances of Jute. 3+2=5
  - Give the importance of Legumes. State two examples (Scientific name) of fodder legumes. 3+2=5
  - Briefly describe the scientific name, family and economic importance of 'Saffron'. 1+1+3=5
3. Answer *any one* of the following: 10×1=10
- What is the morphological nature of useful part of sugarcane? Briefly describe the processing of sugar from sugarcane. State its economic importance. 2+6+2=10
  - Give diagnostic features of the roots of *Rauwolfia serpentina*. Mention the active principle and mention their therapeutic uses. 4+4+2=10
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