



The Open University of Sri Lanka
Faculty of Engineering Technology
Industrial Studies (Agriculture) Program of Study
Final Examination- 2013/2014

AEJ5240 Indigenous Knowledge of Herbal Products

Date : 28-08-2014
Time : 0930-1230
Duration : Three (03) hours

SECTION II: Answer any four (04) questions

- (1) (a) What is meant by Biological diversity of medicinal plants?
(b) Briefly outline the biological and ecological importance of medicinal plants.
- (2) (a) Why is indigenous knowledge important?
(b) Briefly explain the traditional methods used to control insects/pests on paddy.
- (3) (a) What is meant by extraction of active ingredients from medicinal plants?
(b) Briefly discuss the benefits of cultivation of medicinal plants rather than collecting them from the wild.
- (4) (a) What are the main conservation approaches of medicinal plants?
(b) Briefly outline the threats to conserve medicinal plants resource in Sri Lanka.
- (5) (a) Write a brief essay on present status of herbal products industry and market opportunities in Sri Lanka.
(b) Give your suggestions to improve the production and marketing.
- (6) Write short notes on any four (04) of the following.
 - (a) Home gardening is agro-based land use system
 - (b) Supercritical fluid extraction
 - (c) Preservation methods of medicinal plant material
 - (d) Traditional farming systems
 - (e) Propagation methods of medicinal plants