



The Open University of Sri Lanka
Faculty of Engineering Technology
Industrial Studies (Agriculture) Program of Study
Final Examination- 2016/2017

AEJ5240 Indigenous Knowledge of Herbal Products

Date : 28-11-2017
Time : 0930-1230
Duration : Three (03) hours

SECTION II: Answer any four (04) questions

- (1) (a) State eco-friendly practices used in agriculture
(b) Briefly outline the biodiversity and ecological importance of medicinal plants.
- (2) (a) What are the main characteristic features of indigenous knowledge?
(b) Briefly outline the traditional farming systems in Sri Lanka.
- (3) Briefly discuss the importance of following practices on active ingredients extraction process of medicinal plants.
 - (a) Selection of most appropriate extraction method
 - (b) Harvesting of medicinal plants at their correct maturity stage
- (4) (a) What is meant by sustainable use of medicinal plants?
(b) Briefly outline major conservation approaches of medicinal plants in Sri Lanka.
- (5) (a) Briefly discuss the limitations of herbal healthcare industry in Sri Lanka
(b) Give your suggestions to improve the production and marketing.
- (6) Write short notes on any three (03) of the following.
 - (a) Factors affecting biodiversity of medicinal plants
 - (b) Supercritical fluid extraction (SCF)
 - (c) Weather forecasting in indigenous knowledge
 - (d) Importance of medicinal plants in urban agriculture