

GUJARAT TECHNOLOGICAL UNIVERSITY
M.PHARM – SEMESTER -1 - EXAMINATION –WINTER - 2018

Subject Code: MPG102T**Date: 03/01/2019****Subject Name: Advanced Pharmacognosy-1****Time :10:30 AM TO 01:30 PM****Total Marks: 80****Instructions:**

- 1. Attempt any five questions.**
- 2. Make Suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

- Q.1** (a) What are Phyto-pharmaceuticals? Discuss the chemistry and health benefits of Lutein and Hesperidin. **06**
(b) Write a note on Resveratrol and Quercetin. **05**
(c) Discuss the chemistry, medicinal and health benefits of Shatavarins. **05**
- Q.2** (a) What are Nutraceuticals? Discuss medicinal uses of Moringa and Ashwagandha. **06**
(b) Write a note of Ginseng. **05**
(c) Discuss the current trends and future scope of dietary supplements. **05**
- Q.3** (a) Write a note on FSSAI guidelines. **06**
(b) What are marine products? Discuss the recent advances in marine drugs. **05**
(c) Discuss the health benefits Soyabean and Flax seeds. **05**
- Q.4** (a) Discuss the importance of Pharmacognosy in herbal drug industry. **06**
(b) Write a note on Marine toxins. **05**
(c) Discuss the Current Good Agriculture Practices. **05**
- Q.5** (a) Discuss the health benefits of Turmeric and Garlic. **06**
(b) Write a note on conservation of medicinal plants. **05**
(c) Write a note on Ellagic acid and its health importance. **05**
- Q.6** (a) Discuss the WHO and AYUSH guidelines for safety monitoring of natural medicines. **06**
(b) Write a note on Taxol and its importance. **05**
(c) Write a note on α and β -carotene. **05**
- Q.7** (a) What is pharmacovigilance? Discuss its importance in reporting of adverse reactions. **06**
(b) Write a note on Andrographolide and its importance. **05**
(c) Discuss the drug –food interaction with suitable examples. **05**