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GUJARAT TECHNOLOGICAL UNIVERSITY

M. Pharmacy - SEMESTER-II • EXAMINATION - SUMMER -2018

| | | Code: MPG201T Date: 14/05/2018 Name: Medicinal Plant Biotechnology | |
|----------------------------|--------------------------|--|----------------|
| Time Instru 1. 2. | e: 10 ections Atte | :30AM TO 01:30PM Total Marks: 80 | |
| Q.1 | (a) (b) (c) | Explain in brief organogenesis and embryogenesis. | 06 05 05 |
| Q.2 | (a) (b) | What is micro propagation. Write a note on micro propagation of medicinal and aromatic plants. | 06 05 05 |
| Q.3 | (a) (b) (c) | What id genetic code? Explain its importance in plant biotechnology and explain its process. Explain in brief about structure and complicity of genome. | 06 05 05 |
| Q.4 | (a) (b) (c) | development of plant biotechnology as a source of medicinal agents. Write a note on immobilization techniques of plant cells. | 06 05 05 |
| Q.5 | (a) (b) (c) | What is cloning of plant cells? Describe well different methods of cloning with its applications. | 06 05 05 |
| Q. 6 | (a) (b) (c) | Write a note on biotransformation. | 06 05 05 |
| Q.7 | (a) (b) (c) | Give in detail applications of fermentation technology. | 06 05 05 |
