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Total No. of printed pages = 2

**MPH 201 T**

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**2019**

**M.Pharm. 2<sup>nd</sup> Semester Examination**

**MOLECULAR PHARMACEUTICS**

**(Nano Tech and Targeted DDS)**

**(New Regulation) (W.e.f.2017-2018)**

Full Marks – 75

Time – Three hours

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The figures in the margin indicate full marks  
for the questions.

1. Elaborate on : any *two*. (2 × 20 = 40)
  - (a) Describe in detail about tumor targeting and brine specific delivery
  - (b) Explain about Liposomal gene delivery systems.
  - (c) Explain the principle and techniques of formulating Nanoparticles.
  
2. Write note on : any *seven* (7 × 5 = 35)
  - (a) Phytosomy
  - (b) Basic concept of drug targeting

[Turn over

(c) Intra Nasal drug delivery systems

(d) Gene Theory

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(e) Filling methods of Aerosol

(f) Monoclonal antibodies

(g) Coacervation phase separation techniques.

(h) Electrosomes.

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