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Total No. of Pages : 01

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**M.Pharmacy (Pharmaceutical Quality Assurance) (2017 & Onwards)
(Sem.-1)****PRODUCT DEVELOPMENT & TECHNOLOGY TRANSFER****Subject Code : MQA-104T****M.Code : 74702****Time : 3 Hrs.****Max. Marks: 75****INSTRUCTIONS TO CANDIDATES :**

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries FIFTEEN marks.

- Q1. Define Qualitative and quantitative technology models. (15)
- Q2. Describe manufacturing techniques of semisolids and parenteral dosage form. (15)
- Q3. Explain the role of documentation in technology transfer. (15)
- Q4. Define :
- a) Product registration guidelines according to USFDA. (8)
 - b) SUPAC. (7)
- Q5. Define Pharmaceutical Dosage form and their packing requirements? (15)
- Q6. Write note on :
- a) Pre-formulation protocol. (7)
 - b) Stability testing during product development. (8)

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

