

**LPUNEST – Ph.D. Pharmaceutics**  
**(Sample Questions)**

- QUESTION 1**                      Upon standing sometimes gel system shrinks a bit and little liquid is pressed out. What is this phenomenon known as?
- Option A                      Oozing  
Option B                      Syneresis  
Option C                      Shrinking  
Option D                      Desolation
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- QUESTION 2**                      Reynolds's number is independent of one of the below mentioned variables
- Option A                      Diameter of pipe  
Option B                      Velocity  
Option C                      Viscosity  
Option D                      Volume of fluid
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- QUESTION 3**                      R.W.C is used to identify the strength of an
- Option A                      Anthelminthic  
Option B                      Antibiotics  
Option C                      Antiseptic  
Option D                      Antipyretic
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- QUESTION 4**                      Dose dumping is one of the limitation for controlled release formulation which
- Option A                      slowly release of drugs  
Option B                      rapid release of large quantity of drug  
Option C                      reduction in dose frequency  
Option D                      multiple dosing effect
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- QUESTION 5**                      Water held by the material that exerts an equilibrium vapor pressure less than that of pure water at same temperature is termed as
- Option A                      Unbound water  
Option B                      Critical moisture content  
Option C                      Free moisture content  
Option D                      Bound water