

V.P. & R. P. T. P. SCIENCE COLLEGE  
B. Sc. (Semester - V) Examination  
INDUSTRIAL CHEMISTRY VOCATIONAL  
9<sup>TH</sup> October 2019, WEDNESDAY

COURSE NO: US05CICV05 (PHARMACEUTICALS-I)

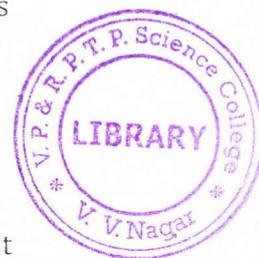
TIME: 11:00 am to 12:15 pm

TOTAL MARKS - 25

Select the correct option

05

1. \_\_\_\_\_ route of drug administration offers prompt drug response.  
a. oral      b. intramuscular      c. intravenous      d. epicutaneous
2. Cat gut is an example of \_\_\_\_\_ type of suture.  
a. absorbable      b. non-absorbable      c. polymeric      d. cellulosic
3. Gel formation in LAL test is considered to be \_\_\_\_\_ result.  
a. positive      b. negative      c. no conclusion      d. neutral result
4. Lozenges are \_\_\_\_\_.  
a. Liquids      b. Solids      c. Semisolids      d. None of these
5. Rich soil has \_\_\_\_\_ % of organic matter.  
a. 0.2 - 0.5%      b. Less than 1%      c. 1.5 - 5%      d. None of these



Q.2 What is pharmacopoeia and write the role & content of pharmacopoeia? 05

OR

Q.2 Compare parenteral route and enteral route of drug administration. 05

Q.3 Write note on densities of powder and their measurement. 05

OR

Q.3 Write note on plastics used in pharmaceutical packaging. 05

Q.4 Define Binder and give structure, properties and application of Acacia. 05

OR

Q.4 Write a note on various type of formulation and required excipients for each formulation in detail. 05

Q.5 What are the different formulations available for phytochemical drugs. 05

OR

Q.5 What are the factors affecting the cultivation of medicinal plants. 05

BEST OF LUCK