

C.U.SHAH UNIVERSITY**Winter Examination-2018****Subject Name:** Pathophysiology-Theory**Subject Code:** BP204T**Branch:** B. Pharm.**Semester:** 2**Date:** 29/10/2018**Time:** 02:30 To 05:30**Marks:** 75**Instructions:**

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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- Q-I Explain the following terms/ phenomena: (20)**
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|-----------------|--------------------------|------|
| 1. Homeostasis | 6. Megaloblastic anaemia | 10×2 |
| 2. Pathogenesis | 7. Sickle cell anemia | |
| 3. Dysplasia | 8. Etiology | |
| 4. Hyperplasia | 9. Atherosclerosis | |
| 5. Atrophy | 10. Calcification | |
- Q-II Long Answer (Answer two) (20)**
1. Write the Causes, Pathogenesis Cell membrane damage and Mitochondrial damage 10
 2. What is inflammation? Give in details about following Mechanism of Inflammation - Alteration in vascular permeability, blood flow and migration of WBC's. 10
 3. Write pathophysiology of Epilepsy, Parkinson's disease and Alzheimer's. 10
- Q-III Short Answer (Answer seven) (35)**
1. Give brief explanation about Hypertrophy and hyperplasia with example. 5
 2. What is Intra cellular accumulation? Write the etiology and pathogenesis of fatty liver. 5
 3. Write the pathophysiology of angina and Hypertension. 5
 4. Write the difference between Asthma and COPD. 5
 5. Explain sickle cell anemia and hemophilia. 5
 6. Write the etiology and pathogenesis of Diabetes. 5
 7. Write the etiology and pathophysiology of Rheumatoid arthritis 5
 8. Briefly explain Leprosy and Tuberculosis 5
 9. Write the Classification and pathogenesis of Cancer 5

