

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Semester Bachelor of Occupational Therapy Degree Examination – 09-Dec-2024**

**Time: Three Hours**

**Max. Marks: 50 Marks**

**PATHOLOGY (SEC A) - (OS/RS)**

**Q.P. CODE: 3421**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

**(Note: Both QP Codes 3421 and 3422 are to be answered within total duration of 3 hours)**

**LONG ESSAYS (Answer any one)**

**1 x 10 = 10 Marks**

1. Define Vitamins. Classify vitamins and explain Vitamin A
2. Explain cells of inflammation with neat labeled diagram with its function

**SHORT ESSAYS (Answer any five)**

**5 x 5 = 25 Marks**

3. Explain injury by physical agents.
4. Explain cellular changes during inflammation
5. Metastasis
6. Causes of cell injury
7. Define developmental defects. Explain any one
8. Multifactorial inheritance

**SHORT ANSWER (Answer any five)**

**5 x 3 = 15 Marks**

9. Give three examples of childhood tumors
10. Hypertrophy
11. Obesity
12. Metaplasia
13. Apoptosis
14. Starvation

\*\*\*\*\*