

EXAM 3 REVIEW

Here is some information about Exam 3.

- This examination covers content learned in weeks 5, 6 and 7. (CO9 & CO10)
- This exam is worth 180 total points, and includes the following types of questions:
 - 30 Multiple choice questions
 - 5 Multiple answer and matching questions
 - 4 Fill in the blank question
 - 3 Essay questions
- You have 120 minutes to complete the Exam.
- When the time limit is reached, you will automatically be exited from the exam.
- Remember to **choose the best answer**, some questions may have more than one correct answer but only one BEST answer.

By submitting this work, I am attesting that I understand and am abiding the Chamberlain University Code of Conduct.

Good luck!

WEEK 5 – (CO 9) Immunity

Three lines of defense - introduction

1. Differentiate first, second, and third line of defenses in terms of
 - a. Anatomical locations
 - b. Cells involved
 - c. Chemicals
 - d. processes
 - e. specificity and
 - f. memory
2. List examples of the first, second, and third line of defense
3. Compare and contrast innate and adaptive defenses

Innate immune function

1. List the steps of phagocytosis
2. Describe the functions of the white blood cells: granulocytes (neutrophils, eosinophils, basophils) and agranulocytes (monocytes, Natural Killer [NK] Cells)
3. Compare and contrast eosinophils and basophil function during allergies
4. Describe the chemical functions of eosinophils, NK cells, and neutrophils
5. Describe the structure and general functions of interferon, complement, and membrane-attack complexes (MAC)
6. Explain the steps of inflammation, its four cardinal signs, and WBCs involved

Adaptive immunity