

GRAND RAPIDS COMMUNITY COLLEGE

CREDIT BY EXAMINATION

STUDENT MANUAL

MICROBIOLOGY FOR HEALTH

CARE WORKERS

GH 126

GH 126 CREDIT BY EXAMINATION

- I. COURSE TITLE: Microbiology for Health Care Workers; GH 126
(1 credit hours)
- II. COURSE DESCRIPTION: Introduction to microbial life, pathogens and nosocomial infections. Methods of microbial control, spread of infection and use of Standard Precautions. Medical and surgical asepsis, immunity and body defenses
- III. LEARNER OUTCOMES: Upon the completion of this course the student will:
1. Define disease, its causes and predisposing factors.
 2. Identify types of micro-organisms.
 3. Discuss how infections spread.
 4. Identify methods of microbial control
 5. Define nosocomial infections
 6. Discuss Standard Precautions
 7. Describe the relation between body defense and immunity.
- IV. TESTING CONDITIONS FOR WRITTEN EXAM:
1. The written exam has a two hour time limitation. No calculators or dictionaries are allowed.
 2. Scantron Answer Sheets will be used to score multiple choice questions.
 3. The student must use a number 2 lead pencil and a good eraser.
- V. TEST NORM LEVELS FOR WRITTEN EXAM: You are only allowed to take this test once.
- To receive credit the student must achieve a minimum of eighty percent (80%) on the examination
- VI. REFERENCES AND INSTRUCTIONAL MATERIALS:
1. Memmler, Cohen and Wood (2005) The Human Body In Health And Disease, 10th Ed. Lippincott; Philadelphia
 2. GH 126 Syllabus

SAMPLE QUESTIONS

1. Streptococci is an example of:
 - a. virus
 - b. bacteria
 - c. fungus
 - d. protozoa

2. Mold is an example of:
 - a. virus
 - b. bacteria
 - c. fungus
 - d. protozoa

3. Protozoa commonly live in:
 - a. ponds and standing water
 - b. refrigerators
 - c. deep wounds
 - d. kitchen sponges and dishcloths

4. Cocci that occur in pairs are:
 - a. diplococci
 - b. streptococci
 - c. staphylococci
 - d. MRSA

5. Diagnosis means:
 - a. prescribed course of treatment
 - b. medical condition affecting person
 - c. future or outcome
 - d. disease causing organism

ANSWERS

1. b
2. c
3. a
4. a
5. b

3/07/08 dla