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FACULTY OF SCIENCE, DEPARTMENT OF MICROBIOLOGY,
2018/2019 HARMATTAN SEMESTER Examination

MCB 403: Pharmaceutical Microbiology

INSTRUCTION: ATTEMPT Question No 1 And any One From Each Section.

TIME: 1 hr.30 minutes 25/04/2019, 9.00 - 11.30 am

- 1a. Resistant bacterial infection can affect anyone, but some groups are at higher risk than others. Discuss
- 1b. Briefly describe how resistant bacteria can spread in the following areas:
- Agricultural setting
 - Health sectors
 - International travel

SECTION A

- 2a. Discuss briefly on the sources of antibiotic
- 2b. Write on types of penicillin and support claims with structure where necessary
3. Write on the different classes of antibiotics

SECTION B

- 4a. Antibiotics are classified using various classification schemes. Discuss
- 4b. In a tabular form, state the site of action of different antibiotics and give appropriate example where applicable.
5. The action of antibiotics against bacterial pathogen is a function of the site they interfere within the organism. Explain

