

所別：生命科學系碩士班 不分組 科目：微生物學

請解釋名詞並比較之：(每小題 10 分，共 100 分)

- (1) aerobic respiration vs. anaerobic respiration
- (2) chemolithotroph vs. chemoorganotroph
- (3) sulfate reducing bacteria vs. sulfur oxidizing bacteria
- (4) methylotroph vs. methanogen
- (5) nitrogen fixation vs. carbon dioxide fixation
- (6) anoxygenic phototroph vs. oxygenic phototroph
- (7) Gram-positive bacteria vs. Gram-negative bacteria
- (8) fungi vs. algae
- (9) endospore vs. endotoxin
- (10) *Archaea* vs. *Bacteria*

參考用