

N.A



BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – DMLT-2022

Course Name – Systemic & Clinical Bacteriology

Course Code - DMLT204

(Semester II)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Select the organism that is catalase negative
 - a) S.flexneri
 - b) S.boydii
 - c) S.dysenteriae
 - d) S.sonnei
- (ii) Select the option which defines the etiologic agent of botulism
 - a) Neurotoxin
 - b) Endotoxin
 - c) Enterotoxin
 - d) All options are applicable
- (iii) Select the option that correctly predicts the function of bacterial capsule
 - a) Protection from phagocytosis
 - b) Helps in adherence to surface
 - c) Both 1 & 2
 - d) No options are applicable
- (iv) Select the capsulated organism from the following list
 - a) Escherichia-coli
 - b) Bacillus anthracis
 - c) Corynebacterium
 - d) Brucella
- (v) Predict the correct use of Hanging drop method
 - a) coagulase test
 - b) Motility test
 - c) AST test
 - d) None of these
- (vi) Predict the appearance of Gram postive bacteria under microscope
 - a) Violet
 - b) pink
 - c) red
 - d) no option are applicable
- (vii) Select the appropriate reason for gram negative bacteria appearing pink in colour
 - a) Thin peptidoglycan layer
 - b) Presence of LPS
 - c) Presence of cilia
 - d) Presence of flagella

