

GAL 2005

Second Year MBBS Examination

II MBBS Microbiology Paper 1

Time: 2 hours Date: 03-02-2021 Max Marks: 40

Instructions:

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Multiple choice questions 8

- a. Cystoscopes and bronco scopes are heat sterilized by (a) Formaldehyde (b) Phenol (c) Glutaraldehyde (d) Sodium hypochlorite
- b. Exaltation is process of _____ virulence of microorganism. a) Increasing b) Decreasing (c) Maintaining (d) Removing
- c. The immunoglobulin which plays major role for immunity against parasitic infection is, (a) Ig A (b) IgE (c) IgG (d) Ig M
- ~~d. Hereditary angioneurotic edema occurs due~~

- to deficiency of, (a) C1 complement component (b) C1 inhibitor (c) C3 convertase (d) C3 inactivator
- e. Malignant pustule is caused by: (a) *S. aureus* (b) *C. ulcerans* (c) *B. anthracis* (d) *H. ducreyi*
- f. Pontiac fever is caused by: (a) *Legionella pneumophila* (b) *Brucella abortus* (c) *Spirillum minus* (d) *Streptococcus hemolyticus*
- g. *H. influenzae* requires for growth. (a) Both X and V factors (b) Only X factor (c) Only V factor (d) No factors
- h. Which organism has a drum stick appearance? (a) *Clostridium tetani* (b) *Clostridium welchii* (c) *Clostridium botulinum* (d) *Clostridium septicum*

Section 2

4. Write short notes on: (Any two) (10)

- Laboratory diagnosis of Enteric fever
- Pathogenicity of *S. aureus*
- Conjugation

5. Write short answers on - (Any two) (6)

- Bacterial cell wall
- What is Significant Bacteriuria? Explain its significance.

c. Describe Spaulding classification of medical devices.

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