

Enrollment No: \_\_\_\_\_ Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Summer Examination-2018

Subject Name : Clinical Microbiology

Subject Code : 2SC02CLM1

Branch: PGDMLT

Semester : 2

Date : 23/04/2018

Time : 10:30 To 01:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
  - (2) Instructions written on main answer book are strictly to be obeyed.
  - (3) Draw neat diagrams and figures (if necessary) at right places.
  - (4) Assume suitable data if needed.
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**Q.1 Attempt following questions**

**[14]**

1. Metachromatic granule is best demonstrated by\_\_ ;
  - a. Albert Stain
  - b. Giemsa Stain
  - c. Gram Stain
  - d. Modified Z N Stain
2. Which of the following play an important role in cell division?
  - a. Flagella
  - b. Pili
  - c. Cell wall
  - d. Cytoplasm
- 3 Which of the following is biological indicator used to monitor steam sterilization?
  - a. Pseudomonas aeruginosa
  - b. Bacillus stearothermophilus
  - c. Bacillus anthracis
  - d. Clostridium difficile
4. Which of the following is **NOT** an efficient method of anaerobiosis?
  - a. Gaspak
  - b. McIntosh-Fildes' anaerobic jar
  - c. Robertson's cooked meat medium
  - d. Candle jar
5. Which of the Immunoglobulin can cross placenta?
  - a. IgG
  - b. IgM
  - c. IgE
  - d. IgA
6. Which of the following parasite enters in human being through intact skin?
  - a. Ascaris lumbricoides
  - b. Enterobius vermicularis
  - c. Tenia solium
  - d. Ancylostoma duodenale
7. Swarming growth on agar is seen in,
  - a. Proteus vulgaris
  - b. Escherichia coli
  - c. Salmonella typhi
  - d. Haemophilus influenzae
8. Most common organism causing community acquired UTI is \_\_\_;
  - a. P. mirabilis
  - b. E. coli
  - c. S. typhi
  - d. S. aureus





2. Laboratory diagnosis of fungal infections.

**Q.8 Attempt all Questions:**

**[14]**

1. Explain Laboratory diagnosis of Viral infection. Explain Tissue culture in detail.
2. Describe laboratory Diagnosis of HIV with NACO strategies for HIV diagnosis.

