

CAPSULES

In MicroBiology

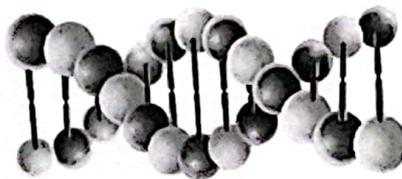
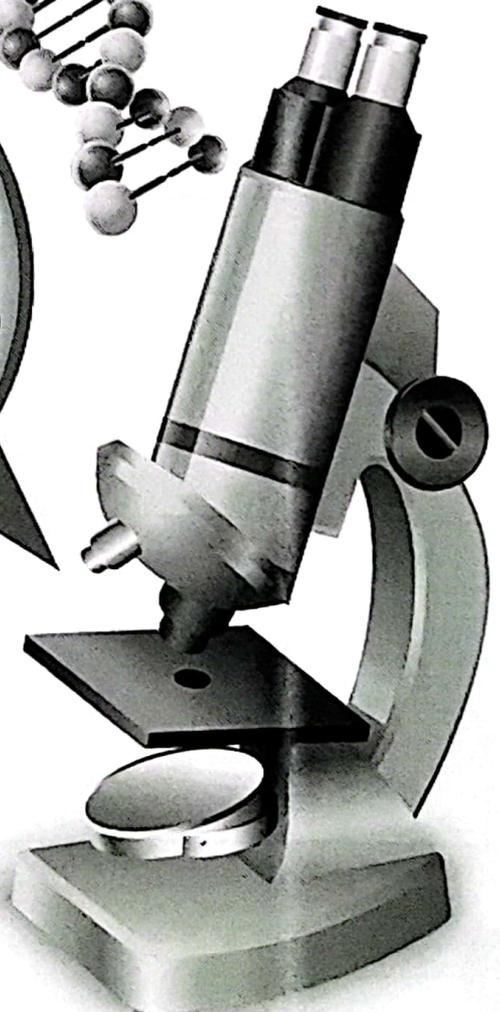
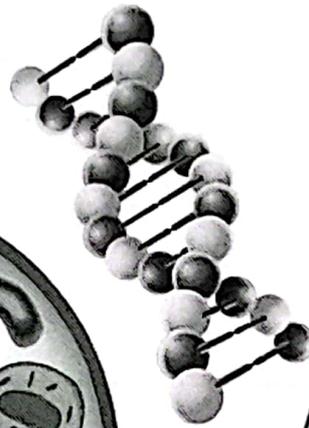
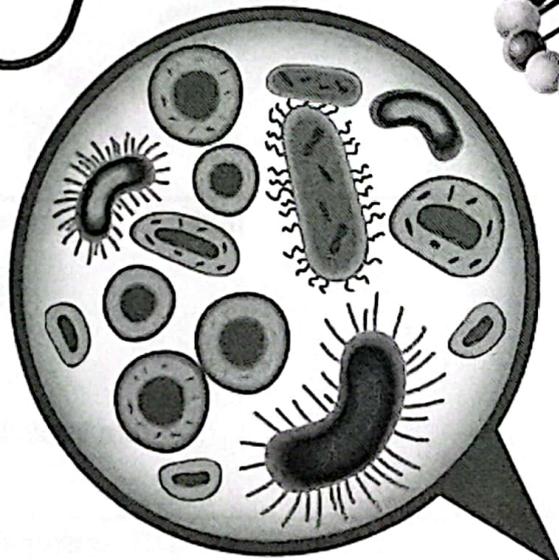
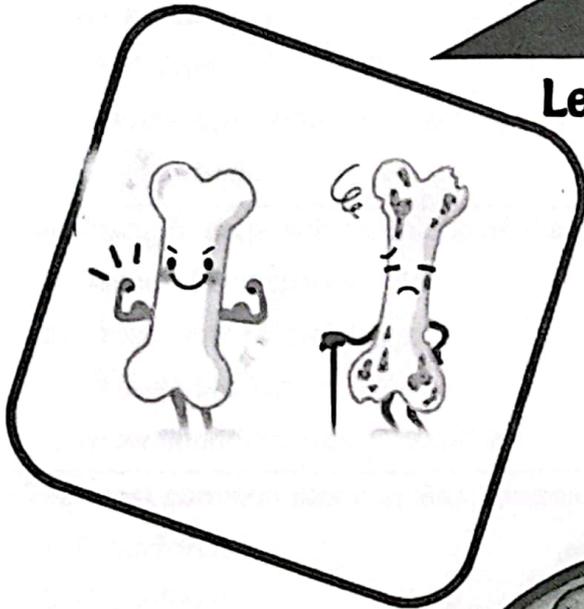


A.Elbelkasi

Clostridium

1st year

Lec 1 (MCQ + Written)



BERLIN



<p>1- A hospitalized patient developed sever diarrhea & pseudmembrous colitis within five days after antibiotic therapy was initiated. The severe diarrhea and pseudomembranous colitis occurred as result of the which of the following</p> <ul style="list-style-type: none"> a. Toxin A&B b. Hyaluronidase c. Lecithinase d. Mucinase 	A
<p>2- The Tetanospasmin secreted from C. tetani characterized by the following EXCEPT</p> <ul style="list-style-type: none"> a. Neurotoxin b. Heat liable c. Rapidly converting to toxoid d. Oxygen Stable 	D
<p>3- Regarding B. anthracis which one of the following is correct</p> <ul style="list-style-type: none"> a. Dosen't form spores b. Cause wool sorter disease c. Is G-ve bacillus d. Grow under anaerobic condition 	B
<p>4- The most common cause of Gas Gangrene</p> <ul style="list-style-type: none"> a. C. perfringen b. C. septcum c. C. tetani d. C. Botulinum 	A
<p>5- The following is NOT presentation of botulism</p> <ul style="list-style-type: none"> a. Inability to swallow b. Difficult in speech c. Respiratory paralysis d. Ascending weakness of skeletal muscle e. Blurred vision 	D
<p>6- The pathogenesis of C. perfringens is d.2 production of</p> <ul style="list-style-type: none"> a. erthrogenic toxin b. Lecithinase toxin c. shiga like toxin. d. Tetanospasmin toxin e. Toxin A & Toxin B 	B



A.Elbelkasi



Clostridium m.

Elbelkasi

<p>7- Tetanus toxins diffuse to terminals of inhibitory cells in spinal cord and block which of the following</p> <ul style="list-style-type: none"> a- release of c AMP b- release of neuraminidase c-activation of acetylcholine esterase d- release of inhibitory neurotransmitters glycine e- release of enterotoxins 	D
<p>8- Which one of the following is not characteristic for C.botulinum</p> <ul style="list-style-type: none"> a- Pathogenesis depends on neurotoxin production b- It is anaerobic Gram +ve bacilli c- It produces Lecithinase enzyme which causes opaque white precipitate around the colonies d- It causes food poisoning and rarely wound infection 	C
<p>9- Clostridium perfringens is characterized by all except:</p> <ul style="list-style-type: none"> a- The organism produces exotoxin which causes spasm, rigidity of the voluntary muscles & convulsion. b- The organism has five types, A,B,C,D and E c- It is gram positive bacilli obligates anaerobe and capsulated d- The organism causes wound infection and gas gangrene 	A

DR/ AHMED ELBELKASI



Written Questions

1- Clostridium perfringens (virulence factor + Clinical Forms of infection)

2016

2- Cl. Tetani (Pathogenesis – Diagnosis)

2015

3- Immunization against of tetanus

DR/ Ahmed Elbelkasi