



المدرسة
2017/7/7

Final semester examination of second semester 2016-2017

Q1/Match the suitable Option of list A to the suitable one(10 only) in list B: (10 Marks)

List A

- 1-*Streptococcus mutans*
- 2 *Neisseria meningitides*
- 3-Erysipelas
- 4-Super antigen
- 5-MRSA
- 6-Quellung test
- 7-H₂S
- 8-*Cl. perfergines*
- 9-Neurotoxin
- 10- 0157:H7
- 11-*S. marcescens*

List B

- S. Pyogenes*
- S. aureus*
- Dental carries
- pink pigment stimulants
- monocyte and lymphocyte
- Stormy growth
- Escherichia coli*
- Salmonella typhi*
- CSF
- Streptococcus pneumoniae*
- Cl. tetani*

Q2/ Answer one of the following:

(10 Marks)

A/ A bacteria , important as Nosocomial infectious agent, and can classified according to Lancefield classification system, What is this bacteria, and what is the most important virulence factors

B-A patient bacteria suffering from a very dangerous respiratory disease ?X-ray assay showed a abnormal clear areas, this was associated with bloody cough with a fever? What is the cause and how can be identified

Q3/Answer the following branches:

(10 Mark)

A- What are the toxins that target the cell membrane, give an example?

B- Compare between Endotoxin and Exotoxin

Q4/Give one remarkable diagnostic test for five of the following:

(10 Marks)

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|--------------------------------|----------------------|--------------------------------------|---------------------------------|
| 1- <i>S. aureus</i> | 2- <i>Cl. tetani</i> | 3- <i>Klebesella pneumoniae</i> | 4- <i>Neisseria gonorrhoeae</i> |
| 5- <i>Shigella dysenteriae</i> | | 6- <i>Mycobacterium tuberculosis</i> | |

Best Wishes

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