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Dr. J.J. Magdum Institute of Nursing Education, Jaysingpur
1st year P.B. Bsc. Nursing
Mid – Term Exam – 2016 – 17

Sub.:- Microbiology

Date: - 20 /01/ 2017

Time: - 10.0am to 12.0 pm.

Marks: - 50

SECTION – A

(25 Marks)

Q. 1. Short Answer question (any two out of three) (5 x 2 = 10)

- 1) What is Antigen? Explain properties of Ag.
- 2) Flagella.
- 3) Z.N. Staining.

Q. 2. Long Answer question (any one out of two) (15 x 1 = 15)

- 1) What is Hypersensitivity? Explain types of hypersensitivity.
- 2) Hospital Acquired Infection and role of nurses in it.

SECTION – B

(25 Marks)

Q. 3. Short Answer question (any two out of three) (5 x 2 = 10)

- 1) Robert Koch.
- 2) ELISA
- 3) Sterilization by Heat.

Q. 2. Long Answer question (any one out of two) (15 x 1 = 15)

- 1) What is Antibody? Explain types of Ab.
- 2) What is Culture Media? Explain its Types.



Dr. J.J. Magdum Institute of Nursing Education ,Jaysingpur
1st year P.B. BSc. Nursing
Preliminary Exam – 2017

Sub - Microbiology

Date: - 01 /04 /2017

Time:- 10:00 to 1:00 pm.

Marks-75

- Instructions:-**
- 1) Use blue/black ball point pen only .
 - 2) Do not write anything on the blank portion of the Question paper. If written Anything, such type of act will be considered as an attempt to resort to Unfair means.
 - 3) All Questions are Compulsory.
 - 4) The number to the right indicates full marks.
 - 5) Draw diagrams wherever necessary.
 - 6 Use a common answer book for all sections.

SECTION-A (40 Marks)

- Q.No.1) Short answer question (any five out of six) (5x5=25)**
- 1) Write a note out on Antibody.
 - 2) Hospital Acquired Infection (HAI) & Role of Nurses in HAI.
 - 3) Robert Koch.
 - 4) Cultural characteristic & Pathogenesis of Vibrio cholera.
 - 5) Dengue.
 - 6) Widal Test.
- Q.No.2) Long answer question (any one out of two) (1x15=15)**
- 1) Write morphology, cultural characteristic, pathogenicity and lab diagnosis of Mycobacterium tuberculosis.
 - 2) Define sterilization and disinfection. Describe methods of sterilization.

SECTION-B (35 Marks)

- Q.No.3) Short answer question (any Four out of five) (4x5=20)**
- 1) Describe Gram staining.
 - 2) Scope of Microbiology in Nursing.
 - 3) ELISA
 - 4) Describe toxin production in Staphylococci.
 - 5) Influenza.
- Q.No.4)) Long answer question (any one out of two) (1x15=15)**
- 1) What is hypersensitivity? Describe immediate type of hypersensitivity
 - 2) Describe Structure, Pathogenesis, mode of transmission and lab diagnosis of HIV.



Sub – Microbiology

Date: - 13/01/2018

Time:- 2:30 to 4:30 pm.

Marks-50

SECTION –A

(25 marks)

(5x2=10)

Q.1. Short Answer question (any two out of three)

- 1) What is Antibody? Explain structure of Ab.
- 2) Bacterial growth curve.
- 3) Gram Staining.

Q.2. Long answer question (Any one out of Two)

(15x1=15)

- 1) What is Immunity? Explain types of Immunity.
- 2) Hospital Acquired infection and role of nurses in it.

SECTION-B

(25 Marks)

Q.3. Short Answer question (any two out of three)

(5x2=10)

- 1) Robert Koch.
- 2) ELISA.
- 3) Bacterial cell wall.

Q.2. Long answer question (Any one out of Two)

(15x1=15)

- 1) Define sterilization and disinfection. Explain physical methods of sterilization.
- 2) What is Culture Media? Explain its Types.

Sub - Microbiology

Date: - 10/04/2018

Time:- 10:00 to 1:00 pm.

Marks-75

- Instructions:-**
- 1) Use blue/black ball point pen only .
 - 2) Do not write anything on the blank portion of the Question paper. If written Anything, such type of act will be considered as an attempt to resort to Unfair means.
 - 3) All Questions are Compulsory.
 - 4) The number to the right indicates full marks.
 - 5) Draw diagrams wherever necessary.
 - 6) Use a common answer book for all sections.



SECTION-A (40 Marks)

Q.No.1) Short answer question (any five out of six)

(5x5=25)

- 1) Write a note on Antibody.
- 2) Bacterial Growth Curve.
- 3) Describe Koch's postulates.
- 4) Influenza Virus.
- 5) Write a note on Gram Staining.
- 6) Widal Test.

Q.No.2) Long answer question (any one out of two)

(1x15=15)

- 1) Write morphology, cultural characteristic, pathogenesis and lab diagnosis of Mycobacterium tuberculli.
- 2) Define sterilization and disinfection. Describe methods of sterilization.

SECTION-B (35 Marks)

Q.No.3) Short answer question (any Four out of five)

(4x5=20)

- 1) Write a note on Sexually transmitted diseases.
- 2) Bacterial Flagella.
- 3) ELISA
- 4) Describe toxin production in Staphylococci.
- 5) Classify Culture Media with Examples.

Q.No.4) Long answer question (any one out of two)

(1x15=15)

- 1) What is Infection? Describe in detail about Nosocomial infection and role of Nursing staff in it.
- 2) Describe Structure, Pathogenesis, mode of transmission and lab diagnosis of HIV.



Dr. J.J. Magdum Institute of Nursing Education, Jaysingpur
1st year P.B. BSc. Nursing
Mid-Term Exam – 2018-19

Sub – Microbiology

Date: - 11 /03/2019

Time:- 10:00 to 12:00 pm.

Marks-50

SECTION –A

(25 marks)

Q.1. Short Answer question (any two out of three)

(5x2=10)

- 1) Chemical Methods for Sterilization.
- 2) Flagella.
- 3) Z.N. Staining.

Q.2. Long answer question (Any one out of Two)

(15x1=15)

- 1) Classification of Microorganisms on various bases.
- 2) What is Culture Media? Explain its Types.

SECTION-B

(25 Marks)

Q.3. Short Answer question (any two out of three)

(5x2=10)

- 1) Cell Wall & Cell Membrane
- 2) Gram Staining
- 3) Identification process of microorganisms.

Q.2. Long answer question (Any one out of Two)

(15x1=15)

- 1) Define Sterilization & disinfection. Explain Physical Methods.
- 2) Define Immunity. Explain Types of Immunity.