



RAN-3963

S.Y.B.H.M.S. (New Course) Examination

October / November - 2019

PATHOLOGY-Paper-2

[Total Marks: 100

सूचना : / Instructions

(1)

नीचे दशविल निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

S.Y.B.H.M.S. (New Course)

Name of the Subject :

PATHOLOGY-Paper-2

Subject Code No.: 3 9 6 3

Seat No.:

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Student's Signature

2. Write Both the section in separate answer-book.
3. Draw a diagramme wherever necessary.

SECTION - I

- Q.1. Describe the Morphology, Cultural Characteristic, Pathogenicity and Lab investigation of Myco.Tuberculi (15)

OR

Describe the Morphology, Cultural Characteristic, Pathogenicity and Lab investigation of any Pneumococcus

- Q.2. Describe the Morphology, life cycle, pathogenicity And Lab investigation of W. Bancrofti (15)

OR

Describe the Morphology,, life cycle, pathogenicity And Lab investigation of Hook Worm (15)

Q.3. Write Short Note (Any Three)

(15)

1. Culture Media
2. Extra intestinal Amoebiasis
3. Fungi
4. Lab diagnosis of Kala Azar
5. Hydatid Cyst.

Q.4. Multiple Choice Question

(05)

1. Which of the following bacteria lack a cell wall and are therefore resistant to penicillin?
 - a. Cynobacteria
 - b. Mycoplasma
 - c. Vibrios
 - d. Spirochetes
2. A Cluster of Polar flagella is called
 - a. Lophotrichous
 - b. Amphitrichous
 - c. Peritrichous
 - d. Monotrichous
3. Flagella move the cell by
 - a. many flagella beating in a synchronous, whip-like motion
 - b. an individual flagellum beating in a whip-like motion
 - c. spinning like a propeller
 - d. attaching to nearby particles and contracting
4. The protein from which hook and filaments of flagella are composed of, is
 - a. Keratin
 - b. Flagellin
 - c. Gelatin
 - d. Casein
5. The habitat is large intestine; choose the best answer
 - a. Entamoeba gingivalis
 - b. Entamoeba histolytica
 - c. Giardia lamblia
 - d. Naegleria fowleri

SECTION - II

Q.1 Describe morphology, pathogenesis, lab diagnosis of influenza virus or HIV virus?? (15)

Q.2. Give details of dry heat sterilization? (15)

OR

Q.2 (a) Type4 hypersensitivity reaction (08)

(b) Describe passive immunity (07)

Q.3 Write short notes (any 3) (15)

(a) Rubella virus

(b) spore

(c) compliment fixation test

(d) Autoclave

(e) LFT

Q.4. Write short answer (5)

(a) E.g. of anaerobic bacteria

(1) closterium welchi

(2) salmonella typhae

(3) vibrio cholerae

(4) mycobacterium tubercle bacilli

(b) Main cause of proteinuria

(1) Diabetes mellitus

(2) jaundice

(3) typhoid

(4) malaria.

(c) E.g. of transport media

(1) L J. media

(2) chocolate media

(3) blood agar

(4) Stuart media

(d) Name common animal use for cultivation of virus

(1) monkey

(2) dog

(3) cat

(4) None of above

(e) Full form of Elisa test

(1) enzyme linked immunoabsorbent assay

(2) precipitation test

(3) compliment fixation test

(4) latex agglutination test