

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF HOMOEOPATHY
BHMS, – November 2019 Examination

Year: 2

Date: 12-11-2019

Subject Code: 04101202

Time: 10:00am to 1:00 pm

Subject Name: Pathology Paper-II

Total Marks: 100

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Draw suitable diagrams wherever necessary.
4. Write separate sections on separate answer sheets.

Section -A

Q.1 Describe in detail about the Bacterial Cell Wall, Bacterial Capsule, and Bacterial Spore. **15**

OR

Q.1 Describe Morphology, Cultural characteristics, Pathogenicity and Lab. Diagnosis of Staphylococcus Aureus. **15**

Q.2 Describe Morphology, Lifecycle and Pathogenicity of Leishmania donovani **15**

OR

Q.2 Write Notes on: **15**

Marks) Lifecycle And Pathogenicity Of T.Saginata **8**

A. Clinical features and lab.diagnosis of tinea pedis, tinea cruris, tinea corporis in brief. **7**

Q.3 Write Short notes on (Any 3 out of 5) **15**

- a) Pathogenicity of V. cholera
- b) Characteristics of an Ideal Culture Medium
- c) Intestinal Amoebiasis
- d) Pathogenicity of W.bancrofti
- e) Mycetoma

Q.4. Answer in short **5**

- a) Gram positive bacteria are those that retain the primary stain and appear violet. True / False?
- b) Streptococcus pyogenes is a non-motile, non sporing, aerobic and facultative anaerobic bacteria, True / False?
- c) Taenia Solium is commonly known as beef tape worm, True / False?
- d) T.cruzi passes its lifecycle in two hosts man and sandfly , True / False?
- e) Tinea nigra is a localized infection of the stratum corneum, True / False?

Section -B

Q.1 Discuss morphology, clinical features and laboratory diagnosis of Hepatitis B virus. **15**

OR

Q.1 Define virus. Discuss morphology of virus in detail. **15**

Q.2 Define Sterilization. Classify agents of sterilization. Discuss sterilization by dry heat in detail. **15**

OR

Q.2 Write Notes on: **15**

- A.** Examination of Urine **8**
- B.** Oral Polio Vaccine **7**

Q.3 Write Short notes on (Any 3 out of 5) **15**

- a.** Dengue virus
- b.** Sterilization by Radiation
- c.** General Feature Of Antigen- Antibody Reaction
- d.** DPT vaccine
- e.** Clinical significance of ESR

Q.4 Answer in short **5**

- a)** Herpes virus is a DNA virus, True / False?
- b)** By the holder method the pasteurisation of milk is done by heating it at 63°C for 30 minutes, True / False?
- c)** The immunity produced by administration of a vaccine is an example of Natural Active immunity, True / False?
- d)** VDRL test is done to diagnose Gonorrhoea , True / False?
- e)** B.C.G. vaccine is employed for prevention of Typhoid, True / False?