

[A-6]

SARDAR PATEL UNIVERSITY
S.Y. B.O.Th.Examination, January-2018
Date: Monday, 29/01/2018
Time: 02.00p.m. To 5.00 p.m.
B.O.Th. - 202:Pathology & Microbiology
Total Marks: 70

SECTION –II (Pathology)

- Q1. Write Long Answer Question (Any 1 out of 2) (1X15=15)
- a. Discuss in detail on chemical mediators of Inflammation.
 - b. Write detail note on Cardiovascular disorders.
- Q2. Answer in detail (Any 1 out of 2) (1X10=10)
- a. Write detail note on Thrombosis.
 - b. Define Gangrene. Write in detail different types of it.
- Q3. Answer in short (Any 1 out of 2) (1X5=05)
- a. Calcification.
 - b. Lobar Pneumonia.

SECTION –III (Microbiology)

- Q1. Write Long Answer Question (Any 1 out of 2) (1X15=15)
- a. Write in detail Morphology, Pathogenesis, Clinical feature and laboratory diagnosis of **Vibrio cholerae**.
 - b. Write in detail Morphology, Mode of infection and Laboratory diagnosis of **Hepatitis B virus**.
- Q2. Answer in detail (Any 1 out of 2) (1X10=10)
- a. Immediate type Hypersensitivity
 - b. Life cycle of **P. falciparum**
- Q3. Answer in short (Any 1 out of 2) (1X5=05)
- a. Disposal of Biomedical waste
 - b. Candidiasis

SEAT No. _____

No. of Printed Pages : 2+1

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- Instructions:** - All the questions are compulsory.
- Figure to the right indicates marks.
- Section I is MCQ, must be completed in 10 minutes.
- Write Section II and Section III in separate answer books.
- Draw diagrams wherever necessary.

Section-I

(Pathology)

Q-1 MCQ

(5M)

1. Vitamin B12 deficiency causes,
 - a. Beriberi
 - b. Megaloblastic anemia
 - c. Osteoporosis
 - d. None of above
2. "Status Asthmaticus" is
 - a. A mild form of Asthma
 - b. A fatal form of Asthma
 - c. death of patient due to Asthma
 - d. none of the above.
3. Decrease in hemoglobin concentration due to Malaria is known as,
 - a. IDA
 - b. Pernicious anemia
 - c. Megaloblastic anemia
 - d. Hemolytic anemia
4. Following is the disease of thyroid follicular disorders
 - a. Hypopituitarism
 - b. Hyperadrenocorticism
 - c. Cirrhosis
 - d. Thyrotoxicosis
5. The typical sign of shock are,
 - a. Low blood pressure
 - b. Rapid Heart rate
 - c. Weak pulse
 - d. all of above

P.T.O

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MCQ (Microbiology)

1. Filaria is caused by,
 - a. *P. falciparum*
 - b. *P. vivax*
 - c. *T. gondii*
 - d. *W. bancroft*
2. Cysticercosis in human is caused by,
 - a. *T. solium*
 - b. *T. saginata*
 - c. *E. granulosus*
 - d. Both a and b
3. In Gram's staining the Primary stain is,
 - a. Crystal Violet
 - b. Methylene Blue
 - c. Saffranine
 - d. Malachite green
4. Morphologically *Pneumococci* are,
 - a. Gram's Positive diplococci
 - b. Gram's Negative Cocci
 - c. Gram's positive bacilli
 - d. Gram's negative diplococci
5. Snapshot for immunity against AIDS is,
 - a. ELISA
 - b. Dot-Blot Assay
 - c. Western Blot
 - d. CD-4 Lymphocyte count

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