

VEER NARMAD SOUTH GUJARAT UNIVERSITY
SUPPLEMENTARY EXAM AUGUST-2026
2ND YEAR B.H.M.S. CBDC
Subject Code: 2507000302040801
SUBJECT: PATHOLOGY & MICROBIOLOGY-I

Time: 3 hours (10.30 am to 1.30 pm)

Total Marks: 100

Instructions:

- 1. Attempt all questions.**
- 2. Marks of each question are indicated on the right side.**

Q.1 Multiple Choice Question (Each Question contains 01 marks) (10)

1. Which of the following is a reversible type of cell injury?

- a. Necrosis
- b. Apoptosis
- c. Fatty change
- d. Gangrene

2. Which of the following is a characteristic of benign tumors?

- a. Invasive growth
- b. Metastasis
- c. Well-differentiated cells
- d. Rapid growth

3. Passive hyperaemia is also known as:

- a. Congestion
- b. Ischemia
- c. Inflammation
- d. Thrombosis

4. Pellagra is caused by deficiency of:

- a. Niacin (Vitamin B3)
- b. Riboflavin (Vitamin B2)
- c. Pantothenic acid
- d. Biotin

5. Full form of AML

- a. Acute myeloid leukemia
- b. Acute megaloblastic leukemia
- c. Aplastic myeloid leukemia

d. None of above.

6. Lymphedema results from:

- a. Arterial blockage
- b. Venous thrombosis
- c. Lymphatic obstruction
- d. Neural damage

7. What is the most common cause of acute pancreatitis?

- a. Viral infection
- b. Gallstones and alcohol abuse
- c. Autoimmune disease
- d. Trauma

8. Addison's disease results from:

- a. Hypersecretion of adrenal cortex hormones
- b. Hyposecretion of adrenal cortex hormones
- c. Excess growth hormone
- d. Insulin resistance

9. Which of the following is a common cause of male infertility due to impaired spermatogenesis?

- a. Cryptorchidism
- b. Varicocele
- c. Orchitis
- d. All of the above

10. Rheumatoid arthritis is primarily:

- a. Degenerative joint disease
- b. Autoimmune inflammatory arthritis
- c. Infectious arthritis
- d. Trauma-related condition

Q.2 Short Answer Question (All Compulsory) (Each Question contains 05 marks) (40)

1. Hyperplasia
2. Complication of healing
3. Scope of pathology in Homoeopathy
4. Difference between **Benign And Malignant Tumor**
5. Nut meg liver
6. Lab investigation of Iron deficiency Anaemia

7. Difference between **Acute Nephritic syndrome & Nephrotic syndrome**
8. Difference between **Bacterial & Viral meningitis**

Q.3 Long Answer Question (All Compulsory) (Each Question contains 10 marks) (50)

1. Define Inflammation. Write Acute inflammation in detail.
2. Define hypersensitivity reaction. Write types of it. Write Type-IV in detail
3. Define oedema. Write types of oedemas, difference between Transudate & Exudate
4. Define Acute MI. write its Etiology, Morphological change & Lab Investigation in detail.
5. Define pneumonia. Write Etiology, four stage of pneumonia & Lab Investigation in detail.

-----BEST OF LUCK-----