VEER NARMAD SOUTH GUJARAT UNIVERSITY

EXAMINATION MARCH- 2026

BHMS CBDC 2ND YEAR
SUBJECT CODE: 2507000302040801
PATHOLOGY & MICROBIOLOGY PAPER-1
HomUG-Path M

Time: 3 Hours
Total Marks-100

Q-1: MCQs **(10)**

1. The first vascular change in acute inflammation is:
   a) Vasoconstriction
   b) Vasodilation
   c) Thrombosis
   d) Hemorrhage

2. The most common route of metastasis in carcinoma is:
   a) Hematogenous spread
   b) Lymphatic spread
   c) Direct implantation
   d) CSF spread

3. A pale (white) infarct is commonly seen in:
   a) Lung
   b) Intestine
   c) Spleen
   d) Brain

4. Anaphylactic shock is primarily mediated by:
   a) Platelet aggregation
   b) Histamine release
   c) RBC destruction
   d) Insulin deficiency

5. Megaloblastic anaemia is most commonly caused by deficiency of:
   a) Vitamin B12 and Folic acid
   b) Iron and Copper
   c) Vitamin C
   d) Protein

6. Foam cells in atherosclerosis are derived mainly from:
   a) Smooth muscle cells
   b) Endothelial cells
   c) Fibroblasts
   d) Macrophages

7. Which type of pneumonia typically involves an entire lobe of the lung?
   a) Lobular pneumonia
   b) Interstitial pneumonia

0255 C.N. Kothari Homeopathic Medical College & Re
search Centre

c) Lobar pneumonia
d) Aspiration pneumonia

8. "Nutmeg liver" is typically seen in:
   a) Alcoholic cirrhosis
   b) Viral hepatitis
   c) Chronic venous congestion
   d) Fatty liver

9. Which ovarian tumour is characteristically bilateral and solid?
   a) Serous cystadenoma
   b) Mucinous cystadenoma
   c) Krukenberg tumour
   d) Dysgerminoma

10. "Onion-skin" appearance is characteristic of:
    a) Osteosarcoma
    b) Ewing sarcoma
    c) Giant cell tumor
    d) Chondroma

Q-2: SAQs **(40)**

1. Vascular events of Inflammation
2. Coagulative Necrosis
3. Haematogenous spread of malignant tumour
4. Difference- Type III & Type IV Hypersensitivity
5. Fat Embolism
6. Angina Pectoris
7. Difference - Type 1 and Type 2 Diabetes Mellitus
8. Bening Nodular Hyperplasia of Prostate

Q-3: LAQs **(50)**

1. Define Acute Inflammation, explain its signs and state its Cellular events in detail.
2. Define Adaptive immunity, classify it. Describe the features of Active and Passive immunity.
3. Thrombosis- Write Definition, Primary events, Aetio-pathogenesis and Fate of thrombus.
4. Describe Aetio-pathogenesis and Diagnosis of Acute Myocardial Infarction.
5. Explain about Definition and Aetio-pathogenesis of Inflammatory Bowel Disease. Describe the morphology features and complications separately.