

2021

Time :As in Programme

Full Marks : 40

The figures in the right-hand margin indicate marks.

*Answer **all** questions.*

1. Define Systemic Lupus Erythematosus. Enumerate the various antinuclear antibodies formed in S.L.E. with pathological manifestations. 10
2. Write short notes on the following: 2x5=10
 - a. Aetiology of Endometriosis
 - b. Agranulocytosis
 - c. Oncogenic viruses
 - d. Vascular changes in Acute Inflammation
 - e. Benign Breast diseases
3. Describe the salient features that differ between Crohn disease and Ulcerative Colitis. Mention clinical features of Irritable Bowel Syndrome (IBS). 10

(Turn Over)

4. Choose the correct answer of the following: 2x5=10

a. Which of these genes is responsible for Colonic Adenocarcinoma?

- i. PTEN gene
- ii. APC gene
- iii. SMADA gene
- iv. STK11 gene

b. Which value in Liver Function Test is markedly increased in obstructive Jaundice?

- i. Aspartate Aminotransferase Level
- ii. Prothrombin time
- iii. Alkaline Phosphatase
- iv. Urine bilinogen concentration

c. Which of the following chemical mediators is responsible for causing pain?

- i. Histamine
- ii. Platelet activating factor
- iii. Prostaglandin
- iv. Leukotriene

d. HLA-B27 is associated with which following lesion:

- i. Suppurative Arthritis
- ii. Ankylosing Spondyloarthritis
- iii. Rheumatoid Arthritis
- iv. Multiple Sclerosis

e. Kartagener's Syndrome does not include:

- i. Sinusitis
- ii. Situs inversus
- iii. Bronchiectasis
- iv. Emphysema

