

Time: Three Hours**Max. Marks: 100 Marks****PATHOLOGY – PAPER II (RS-4)****Q.P. CODE: 1027****(QP contains two pages)**

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS**2 x 10 = 20 Marks**

1. A 20 year female with recent history of streptococcal throat infection, presented with multiple joint pain, few subcutaneous nodules and raised C-reactive protein.
 - a) What is your diagnosis?
 - b) What changes are noted in the heart?
 - c) Describe its pathogenesis and microscopic features
 - d) What are the late complications?
2. 45 year female patient with abdominal distension and irregular periods. Ultrasound scan report shows right sided ovarian mass.
 - a) Classify ovarian tumours
 - b) Discuss in detail about the epithelial tumors of ovary

SHORT ESSAYS**8 x 5 = 40 Marks**

3. Differences between ulcerative colitis and Crohn's disease.
4. Stages of Lobar Pneumonia.
5. Etiopathogenesis and complications of Hydronephrosis.
6. Secondary tuberculosis.
7. Diabetic Nephropathy.
8. Chondrosarcoma.
9. Astrocytoma.
10. Benign prostatic hypertrophy.

SHORT ANSWERS**10 x 3 = 30 Marks**

11. Complications of Atherosclerosis.
12. Differences between Nephritic and Nephrotic syndrome.
13. Types of gall stones.
14. Gross features of Bronchiectasis.
15. Define Adenomyosis. Write two mechanisms of adenomyosis
16. Draw microscopic picture of Osteoclastoma.
17. Labelled diagram of Hashimotos thyroiditis.
18. Warthins tumor
19. Rodent ulcer.
20. Three late complications of diabetes mellitus.



Multiple Choice Questions

10 x 1 = 10 Marks

- 21 i) BCL - 2 is over expressed in which of the following tumors
A. Renal cell carcinoma
B. Follicular Lymphoma
C. Mantel cell lymphoma
D. Burkitt lymphoma
- 21 ii) Fatty streaks seen in
A. Fatty liver
B. Pancreatitis
C. Aorta
D. Breast
- 21 iii) Signet ring cells seen in
A. Adenocarcinoma stomach
B. Seminoma
C. Wilms Tumour
D. Astrocytoma
- 21 iv) Amyloid seen in
A. Follicular carcinoma Thyroid
B. Papillary carcinoma Thyroid
C. Medullary carcinoma Thyroid
D. Hashimoto's Thyroiditis
- 21 v) Indian file arrangement of invasive cells seen in
A. Medullary carcinoma
B. Lobular carcinoma breast
C. Lymphoma Breast
D. Comedo carcinoma Breast
- 22 i) All are Germ Cell tumors **EXCEPT**
A. Dysgerminoma
B. Teratoma
C. Serous cystadenoma
D. Embryonal carcinoma
- 22 ii) MacCallum's Patch seen in
A. Myocardial Infarction
B. Rheumatic Fever
C. Subacute Bacterial Endocarditis
D. Oral cavity
- 22 iii) Linitis Plastica seen in
A. Carcinoma colon
B. Diffuse advanced Gastric Carcinoma
C. Bronchogenic carcinoma
D. Carcinoma Oesophagus
- 22 iv) Sequestrum seen in
A. Paget's diseases of bone
B. Osteomyelitis
C. Osteoclastoma
D. Aneurysmal bone cyst
- 22 v) Which of these syndrome is not associated with defective DNA repair
A. Xeroderma Pigmentosum
B. Ataxia telangiectasia
C. Fanconi syndrome
D. Von-Hippel LINDAU Syndrome

