



20-01-2022

01221 A3+01221 A4

II-MBBS

Second M.B.B.S. (Main) Examination (New Scheme)

January - 2022

PATHOLOGY

Paper-Second

Time: Three Hours

Maximum Marks: 100

Attempt all questions in both sections

(Use separate answer book for each section)

Section-A

1. Fill in the blanks:

6 x 1 = 06

- a) Tree-bark Aorta is a feature of _____.
- b) Commonest causative organism of SAGE is _____.
- c) Potato Nodes are characteristic of _____.
- d) Berger's Nephropathy is due to Mesangial Deposition of _____.
- e) Most common site of Carcinoid in Gut is _____.
- f) Marker for Ovarian carcinoma is serum is _____.

2. Answer the followings (Multiple Choice Questions):

4 x 1 = 04

i) Heart failure cells are seen in-

- a) Kidney b) Heart c) Lungs d) Brain

ii) Orphan Annie Eye Nuclei appearance is characteristic of-

- a) Papillary carcinoma thyroid c) Medullary carcinoma
- b) Meningioma d) Paraganglioma

iii) Most common testicular tumour of childhood is-

- a) Teratoma c) Seminoma
- b) Choriocarcinoma d) Embryonal Ca

iv) True about Barrett's Oesophagus is-

- a) Lower oesophagus lined by columnar epithelium.
- b) Upper oesophagus lined by columnar epithelium.
- c) Lower oesophagus lined by ciliated epithelium.
- d) Lower oesophagus lined by pseudo stratified epithelium.

3. A 40 years female is admitted with complains of fatigue, malaise, anorexia, nausea and vomiting with abdominal pain. There is a history of blood transfusion few months back.

On routine investigations the SGPT Levels are 2500 U/L, SGOT – 1600 U/L, Bilirubin total – 8mg/dl, Bilirubin Direct – 5 mg/dl.

- a) What is the probable diagnosis and why? 05
- b) Give other relevant investigations for evaluation of the case. 05
- c) Discuss the pathological features of organ affected. 05
4. Write short notes on (Any five): 5 x 2 = 10
 - a) Crohn's disease
 - b) Hashimoto's thyroiditis
 - c) Papillary necrosis
 - d) CSF findings in tubercular meningitis
 - e) Chronic bronchitis
 - f) Glucose tolerance test
5. Explain briefly (Any three): 3 x 5 = 15
 - a) Diabetic nephropathy
 - b) Basal cell carcinoma
 - c) Hydatidiform mole
 - d) Risk factors for Myocardial infarction

Section-B

- 6 A 35 years female visits a doctor with complains of lethargy, weight gain, increased sleep, altered texture of skin, loss of hairs, and irregular menses from 6 months.
 - a) What is the probable diagnosis? 07
 - b) Which investigations should be advised? 07
 - c) Comment upon treatment and monitoring of the disease. 06
7. Write short notes on (Any five): 5 x 2 = 10
 - a) Lobar pneumonia.
 - b) Complications of gastric ulcer.
 - c) Reye's syndrome.
 - d) Leiomyoma.
 - e) Ewing's sarcoma.
 - f) Aschoff's nodule
8. Explain briefly (Any four): 4 x 5 = 20
 - a) Wilm's tumour.
 - b) Nephrotic syndrome.
 - c) Seminoma testis.
 - d) Benign hyperplasia of prostate.
 - e) Rheumatoid arthritis.