

Date: 30-04-2022

0422 E138

Second Year MBBS Examination

II MBBS Pathology Paper 2

Time: 3 hours

Max Marks: 100

Instructions:

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

**1. Structured Long Question (Any
1 out of 2) (10)**

a) Classify pneumonia. Discuss in detail the

etiopathogenesis, morphology, clinical features & complications of Lobar pneumonia. (3+5+2)

b) Classify Glomerulonephritis. Discuss the etiopathogenesis of acute post streptococcal glomerulonephritis. Describe its light microscopy, electron microscopy & immunofluorescence findings. (2+4+4)

2. Case based scenario/Applied short Notes (Any 2 out of 3) (12)

a) A 20 year old female presented with painless slowly growing freely mobile solitary lump in the lower part of her left breast. On examination nipple is normal. The lump is not fixed to the overlying skin. No axillary lymph nodes are palpable. (1+2+3)

a) What is your probable diagnosis? b) Discuss various investigations to confirm your final diagnosis. c) Describe the gross and microscopic picture of the lesion.

b) A 25year old male is admitted with swelling of upper end of the tibia. X-ray shows a tumour in the metaphyseal area of tibia with evidence of new bone formation. (1+2+3)

a) What is the probable 'diagnosis? b) classify bone tumours. c) Describe in detail the pathophysiology,

histological types with labeled diagrams for your diagnosis.

c) *Helicobacter pylori* and Peptic ulcer.

3. Write short notes (Any 3 out of 4) (18)

a) Etiopathogenesis and morphology of carcinoma Prostate.

b) Write differences between Crohn's disease and Ulcerative colitis.

c) Post necrotic cirrhosis.

d) Osteoclastoma.

4. Answer only in 2 to 3 sentences (Any 5 out of 6) (10)

a) List four causes of aneurysm.

b) Write four etiopathogenetic factors of urinary bladder cancer.

c) Complications of myocardial infarction.

- d) Name four malignant tumours of thyroid.
- e) Name four malignant tumours of ovarian tumours.
- f) Types of gall stones and their complications.

Section 2

5. Structured long question (Any 1 out of 2) (10)

- a) What is hematuria? Write causes of hematuria and describe in detail about investigations to detect hematuria. (2+4+4)
- b) Describe abnormal findings in body fluids in various disease states and write in detail about causes and examination of pleural fluid. (4+2+4)

6. Case based scenario/Applied short notes (Any 2 out of 3) (12)

- a) A 55 year old postmenopausal female noted a six month history of progressive vaginal discharge tinged with blood. Had past history of 10 year oral contraceptive usage. Perspeculum examination

shows unhealthy cervix with ulceration.

- a) What is your most likely diagnosis? b) Name 2 high risk, 2 low risk microorganisms and two social factors associated with this lesion. c) What screening tests performed for it?
- b) Role of urinary examination in case of Jaundice.
- c) Write definition, chief locations and histogenesis of endometriosis.

7. Write short notes (Any 3 out of 4) (18)

- a) Classify testicular tumours and write in detail about seminoma testis.
- b) Basal cell carcinoma.
- c) CSF findings in pyogenic meningitis.
- d) Liver function tests.

8. Answer in 2-3 sentences (only 5 out of 6) (10)

- a) Microalbuminuria.

b) Pagets disease of nipple.

c) Name four major causes of hepatocellular carcinoma.

d) Bence jones proteins.

e) Complications of peptic ulcer.

f) Write the pathogenic factors of endometrial cancer.

www.FirstRanker.com