

**MBBS 2nd PROFESSIONAL EXAMINATION, 2022****PATHOLOGY****Paper II****Time Allowed: Three Hours****Maximum Marks- 100**

Note: Attempt all questions in serial order. Answer Section-A and Section-B in separate answer books. All parts of a question should be answered together. Illustrate your answer with suitable diagram where required. Figures in parenthesis indicate marks allotted to a question.

Section-A

- Q1.** What is the arthritis? Give the brief classification of it, discuss the pathogenesis of Rheumatoid arthritis and its complications. (20)
- Q2.** Write briefly on: (x5)
- a) Exfoliative cytology 2
 - b) Pathogenesis of Tuberculosis
 - c) Osteogenic sarcoma 2
 - d) Tumor markers 3
- Q3.** Multiple Choice Questions: (10x1)
1. Usual site of Giant cell tumor bone is -
 - ☒ a) Epiphysis
 - b) Diaphysis
 - c) Metaphysis
 - d) None of above
 2. Metaphyseal bone tumor is:
 - a) Fibrosarcoma
 - b) Lymphangiosarcoma
 - c) Angiosarcoma
 - ☒ d) Osteogenic sarcoma
 3. 'Nut meg liver' is used to describe liver in the following condition
 - ☒ a) Chronic venous congestion
 - b) Hepatitis B
 - c) Hepatocellular carcinoma
 - d) Hepatitis C
 4. Diagnostic cell of Hodgkin's Lymphoma is:
 - a) Hairy cell
 - b) Wreath cell
 - ☒ c) Reedsternberg cell
 - d) Langhan's cell
 5. HIV infection is associated with
 - a) Renal Cell Carcinoma
 - b) Bronchogenic carcinoma
 - ☒ c) Kaposi's sarcoma
 - d) Carcinoid Tumour
 6. Smudge cells are found in
 - a) CLL
 - ☒ b) AML
 - c) ALL
 - d) CML

7. CALLA antigen is a marker for

- a) CD3
- b) CD45
- c) CD20
- d) CD10

8. The excessive formation of scar tissue is called:

- a) Fibroma
- b) Myxoma
- c) Keloid
- d) Myoma

9. Congestion is the process :

- a) Active
- b) Inactive
- c) All of the above
- d) None of the above

10. Heart failure cell found in

- a) CVC Lung
- b) CVC Spleen
- c) CVC Liver
- d) CVC Kidney

Section-B

23 + 7 = 30

Q1. A 55 Years male is complaining with excess food intake, and excess maturation and excessive drinking of water even then he had hunger and thrust, weakness and non healing ulcer on right foot, his blood pressure was 126/88 mmHg, Fasting blood sugar 220 mg/dl, Post Prandial blood sugar was 384 mg/dl, Blood Urea - 45 mg/dl serum creatinine was 0.9 mg/dl.

- a) What is your diagnosis?
- b) Explain pathogenesis of the disease
- c) Classify the disease.
- d) What are the complications of disease ?

Q2. Write short notes on: (4x5)

- a) Amyloidosis 3
- b) Krukenberg tumour 2 metastatic tumor of ovary
- c) Chronic venous congestion of Lung 2
- d) Rheumatic arthritis - RUJ 3

Q3. Multiple Choice Questions: (10x1)

1. Risk factors of thrombotic phenomenon :

- a) Prolong bed rest
- b) Severe trauma
- c) Smoking
- d) All of above

2. White Infarction commonly found in :

- a) Solid organs
- b) Spongy organs
- c) Good collateral supply organs
- d) All of above

3. Which of these are risk factors for coronary artery disease?

- a) Stress
- b) Diabetes mellitus
- c) Hypertension
- ☒ d) All of the above

4. Secondary Tuberculosis is the result of

- a) 1st time exposure of mycobacteria
- ☒ b) Reactivation of old primary tubercular lesion
- c) Mast cells
- d) Eosinophil collections

5. Serum Amylase, Lipase is raised in :

- a) Myocardial infarction
- b) Ankylosing Spondylitis
- ☒ c) Acute Pancreatitis
- d) Astrocytoma Grade IV.

6. Type I hypersensitivity is mediated by

- a) Ig A
- b) IgG
- ☒ c) IgE
- d) IgM.

7. Black water fever is found in :

- a) Leishmaniasis
- b) Brucellosis
- c) Schistosomiasis
- ☒ d) Fulminant Falciparum Malaria

8. Gamna Gandy body or siderotic nodule found in

- ☒ a) Splenic lesion
- b) Lung Lesion
- c) Renal lesion
- d) Heart lesion

9. Which is the paediatric tumour commonly found

- ☒ a) Retinoblastoma
- b) Colon cancer
- c) Lipoma
- d) Fibroma

10. Chronic constipation as well as junk food habit can cause common malignancy

- a) Gall bladder cancer
- ☒ b) Colon cancer
- c) Hepatocellular carcinoma
- d) Lymphoma

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