

BLDE (DEEMED TO BE UNIVERSITY)

Jan-2023.

MBBS PHASE – II EXAMINATION

[Time: 3 Hours]

[Max. Marks: 80]

PATHOLOGY – PAPER – I**QP CODE: 2011**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write question number in left side of margin

Long Essay: (Answer to be started on fresh page only)**2 X 10 = 20**

1. Define inflammation. Enlist cardinal signs of inflammation. Describe vascular and cellular events in acute inflammation. (1+1+4+4)
2. A 45 year old male presented with pallor, weakness, tingling and numbness in the fingers. His Hb was 8 gm % and MCV was 110fl.
 - a) What is your probable diagnosis?
 - b) Write about the Etiopathogenesis of this condition.
 - c) Describe peripheral smear and bone marrow findings in this condition. (1+3+6)

Short Essay: (Answer to be started on fresh page only)**6 X 5 = 30**

3. Write note on Paraneoplastic syndromes
4. Write note on metaplasia
5. Thrombosis- Definition, Etiopathogenesis
6. Type IV Hypersensitivity reaction
7. Describe etiopathogenesis and laboratory diagnosis of Sickle cell anemia.
8. Write note on Immune thrombocytopenic purpura(ITP)

Short Answer: (Leave three lines gap between the answers)**10 X 3 = 30**

9. Enlist three examples of oncogenic viruses with malignancy produced by them.
10. Enlist 6 Criteria for selection of blood donor
11. Mention normal reticulocyte count. Name 2 conditions with increased reticulocyte count.
12. Enlist 3 absolute indications for bone marrow aspiration.
13. What is INR? Write its clinical significance.
14. Specific gravity of urine - normal value & method of estimation
15. What is Empathy? What is the role of empathy in patient care?
16. Write note on Philadelphia chromosome
17. Describe the morphology of CVC Liver
18. Name 3 important numerical chromosomal abnormalities with examples

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PATHOLOGY – PAPER – II
QP CODE: 2012

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Long Essay: (Answer to be started on fresh page only)

2 X 10 = 20

1. 9 yrs old girl complains of fever and cough with productive, rusty sputum since 1 week. On examination, crepitations were heard on auscultation. Hematological parameters showed neutrophilia and x ray revealed patchy consolidation in left lower lobe of lung.
 - a) What is your diagnosis? (1+2+7)
 - b) Enlist the causative agents
 - c) Discuss the pathogenesis and pathology of the condition.
2. Describe the etiopathogenesis and morphology of peptic ulcer. List the complications of peptic ulcer (4+4+2)

Short Essay: (Answer to be started on fresh page only)

6 X 5 = 30

3. Name the tumors of salivary gland. Write in detail about pleomorphic adenoma.
4. Pathogenesis of Acute Rheumatic fever
5. Describe the clinical features and Pathology of Endometriosis
6. Describe the Clinical manifestations and laboratory investigations of Myocardial Infarction
7. Describe Alcoholic liver disease
8. Graves disease : Etiopathogenesis and morphology

Short Answer: (Leave three lines gap between the answers)

10 X 3 = 30

9. What is seminoma. Describe its gross appearance
10. Name the types of gall stones
11. Write the microscopic types of renal cell carcinoma
12. Write the differences between nephritic syndrome and nephrotic syndrome
13. Write the causes of acute pancreatitis
14. Enlist the various risk factors of breast carcinoma.
15. Name the types of renal stones.
16. Write the causes of hypothyroidism.
17. Name 3 common CNS tumors
18. Describe Reed-Sternberg cell. Write its variants.

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MBBS PHASE – II EXAMINATION

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[Time: 3 Hours]

[Max. Marks: 100]

PATHOLOGY – PAPER – I

QP CODE: 2001

Your answer should be specific to the questions asked.

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Each Question should be written on new page only.

Write Question No. in left side of margin.

Long Essay: (Answers to be started on fresh page only)

2 x 10 = 20

1. Define thrombosis. Write note on etio - pathogenesis of thrombosis. Describe fate of thrombus. (2+ 4+4)
2. A 23 year old female presented with complaint of weakness, fatigue and breathlessness. She also gave history of menorrhagia. On examination she had pallor, glossitis and angular stomatitis. Her Hb was 6 gm% and Mean Corpuscular volume (MCV- 70 fl) was decreased.
 - a) What is Probable Diagnosis of this case?
 - b) Describe its causes
 - c) Describe laboratory investigations. (2+3+5)

Short Essay: (Answers to be started on fresh page only)

10 x 5 = 50

3. Describe factors affecting healing of wound.
4. Pathologic calcification - Definition, Types & Differences between two types.
5. Describe criteria for selection of Blood donor.
6. Write note on leukaemoid reaction
7. Describe pathogenesis and laboratory findings of Idiopathic Thrombocytopenic Purpura (ITP).
8. Erythrocyte sedimentation rate (ESR)
9. Define inflammation. Describe vascular events in acute inflammation
10. Write note on Downs's syndrome.
11. Define shock. Write note on pathogenesis of septic shock.
12. Define neoplasia. Write differences between benign and malignant tumors.

Short Answers: (Leave three lines gap between the answers)

10 x 3 = 30

13. What is metastasis? Enlist routes of metastasis.
14. Write three differences between Transudate & Exudate
15. Define granuloma. Enumerate two granulomatous lesions.
16. What is metaplasia? Write two examples of metaplasia.
17. Write three differences between necrosis & apoptosis.
18. Mention three indications for bone marrow aspiration?
19. Write three causes of Eosinophilia
20. Sickling test
21. Enlist three opportunistic infections in AIDS
22. Describe gross and microscopic appearance of chronic venous congestion (CVC) liver

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MBBS PHASE - II EXAMINATION

[Time: 3 Hours]

[Max. Marks: 100]

PATHOLOGY – PAPER - II

QP CODE: 2002

Your answer should be specific to the questions asked.

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Write Question No. in left side of margin.

Long Essay: (Answers to be started on fresh page only)

2x10=20

1. Classify testicular tumors. Describe the morphological features of germ cell tumors (4+6=10)
2. A 8 year old boy was admitted with malaise, fever, oliguria and cocoa-coloured urine 2 weeks after recovery from a sore throat. On examination he was found to have periorbital edema and moderate hypertension. (2+4+4=10)
 - a. What is the probable diagnosis?
 - b. Describe the etiopathogenesis of the condition.
 - c. What is the morphology of the organ involved? List the urinary findings.

Short Essay: (Answers to be started on fresh page only)

10x5=50

3. Meduloblastoma.
4. Hodgkin's lymphoma nodular sclerosing type.
5. Pathogenesis of alcoholic cirrhosis of liver.
6. Warthin's tumor.
7. Morphology of lobar pneumonia.
8. Prognostic factors of breast carcinoma.
9. Enzyme changes in myocardial infarction.
10. Retinoblastoma.
11. Types of gall stones.
12. Hashimoto's thyroiditis.

Short Answers: (Leave three lines gap between the answers)

10x3=30

13. Mention 3 major risk factors of atherosclerosis.
14. Complications of pyogenic osteomyelitis.
15. Mention 3 paraneoplastic syndromes associated with bronchogenic carcinoma.
16. Pseudomyxoma peritonea.
17. Mention 3 complications of bronchiectasis.
18. Histologic zones of chronic peptic ulcer.
19. Enlist six causes of glycosuria.
20. Constituents of Multiple Endocrine Neoplasia type 1.
21. Linitis plastica.
22. Mention 3 premalignant lesions of skin.