

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0223]

FEBRUARY 2023

Sub. Code :6064

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

SECOND YEAR – (CBME)

PAPER VI – PATHOLOGY–II

Q.P. Code: 526064

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQS)

Answer all the Questions

I. Essay:

(2 x 15 = 30)

1. 50 years male presented with polyuria, polydipsia his HbA_{1c} was 8.2. He also had oliguria and puffiness of face. What is your diagnosis? What is the pathogenesis of the underlying disease and its complications? What are the investigations required to confirm?
2. 15 years male presented with lytic lesion lower end of femur. X-Ray revealed codman's triangle and sun ray appearance. What is your diagnosis? What are the genetic alterations associated with this condition? Describe the morphology of this lesion. Classify bone tumors and add a note on imaging findings in various bone tumors.

II. Write Short notes on:

(10 x 5 = 50)

1. 50 years male sudden death, autopsy of the heart revealed gray white area in left ventricle. What is the diagnosis? What are the morphological changes in heart during autopsy to identify the age of lesion?
2. 55 years male chronic smoker had persistent productive cough for 3 months. He had similar episode last year too. In which group of disorders you will categorize them. Write briefly about the pathogenesis & morphology.
3. 30 years male presented with yellowish discolouration of conjunctiva. He had history of blood transfusion (Multiple units) in the recent few months following RTA as an emergency. How will you investigate the patient?
4. 30 years male presented with heart burns and dyspepsia. A breath test and biopsy were ordered to confirm the diagnosis. What is your diagnosis? Write about the morphology and complications of this disease.
5. What is the role of ascitic fluid cytology in diagnosis?
6. 15 years female presented with unilateral ovarian mass. Gross examination of the mass revealed hair in it. What is your diagnosis? What is the morphology? It belongs to which group of ovarian lesions. Enumerate the other lesions in this group.

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7. 45 / male presented with cauliflower like growth in the penis? He also had multiple inguinal nodes. What is your diagnosis? Describe the microscopic appearance. What are the preneoplastic conditions?
8. Role of urine chemical examinations for proteins in diagnosis.
9. 20 years female presented with solitary thyroid nodule. Microscopy revealed Orphan Annie appearance of nuclei. What is your diagnosis? Describe the Morphology of this condition.
10. Name two benign breast diseases. Write about the morphology of both the diseases.

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