

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

[MBBS 0822]

AUGUST 2022

Sub. Code :6063

M.B.B.S. DEGREE EXAMINATION

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

SECOND YEAR – SUPPLEMENTARY (CBME)

PAPER V – PATHOLOGY – I

Q.P. Code: 526063

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQs)

Answer all the Questions

I. Essay:

(2 x 15 = 30)

1. 30 years female immediately after delivery went into sudden circulatory failure. She had profuse bleeding per vaginum and from venepuncture sites. What is your diagnosis? What is the Pathophysiology? How will you investigate this patient?
2. 1 year male child was brought with loss of vision and mass lesion of the eyeball. There was a family H/o sarcoma of the long bone in the sibling. What is your diagnosis? What is the molecular mechanism involved in this family. Describe the normal cell cycle and how this gene affects cell cycle, Name 3 other genes involved in familial syndromes.

II. Write Short notes on:

(10 x 5 = 50)

1. 7 years male child is found lying down on the road with convulsions with his mother. How will you react as a medical student and help them?
2. 50 years male who was a diabetic has developed an ulcer in the foot of size 6 x 4 cm. His last toe was covered with necrotic slough. What is your diagnosis? What is the pathogenesis and pathology involved in this complication?
3. 8 years female child was hailing from a poor family and was found to have loss of muscle mass and subcutaneous fat she was emaciated. What is your diagnosis? How will you categorize nutritional disorders?
4. Pathogenesis of amyloidosis.
5. 25 years male had a cut injury in his hand and wound was sutured immediately. How does healing take place in such wound? What are the factors delaying wound healing?
6. What are the sub types of Hodgkin Lymphoma? Also write about types of RS cells.

7. 20 years male following antibiotic intake had total leukocyte count of 1200 cells / mm³ and absolute neutrophil count of 120 cells. What is your diagnosis? What is the pathogenesis of this condition?
8. Infections transmitted by blood transmission. How will you prevent it?
9. 20 years female had hematocrit of 20%, reticulocytosis, hyperbilirubinemia, peripheral smear revealed anisopoikilocytosis and target cells. What is the pathophysiology of this disease?
10. WHO classification of acute myeloid leukemia.

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