

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – II Degree Examination - JUNE 2017

Time: Three Hours

Max. Marks: 100 Marks

Pathology – Paper I (RS2 & RS3 Scheme)

Q.P. CODE: 1081

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 10 = 20 Marks

1. What is Metastasis? Describe the pathways of spread of tumours. Describe the mechanism of Cancer Metastasis. (2+4+4 = 10 marks)
2. A 58 years old pure vegetarian male presented with Pallor, weakness, red baldy tongue and numbness in the fingers. His Hb was 8gm% and MCV was 110fl.
 - a) What is your diagnosis and why?
 - b) What is the etiopathogenesis of this condition?
 - c) What are the laboratory findings in such cases? (2+4+4 = 10 marks)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Types of Necrosis with examples
4. Laboratory findings in Systemic Lupus Erythematosus (SLE)
5. Role of Complements in Inflammation
6. Vitamin C deficiency
7. Laboratory diagnosis of Genetic diseases
8. Bone Marrow Aspiration study
9. Pathogenesis of Thrombosis
10. Leukemoid reaction
11. Fine Needle Aspiration Cytology
12. Klinefelter syndrome

SHORT ANSWERS

10 x 3 = 30 Marks

13. Give three examples for Free Radicals and Antioxidants.
14. Diagnostic criteria for Multiple Myeloma
15. Cardinal signs of Inflammation
16. Causes for Microcytic Hypochromic Anaemia
17. Cytological findings in Malignant Pleural Effusion
18. Basophilia
19. Target cells
20. Name different Cancers associated with Chronic Alcoholism.
21. Special (Cytochemical) stains used in Acute Leukemias
22. Give two examples each for different Mendelian Inheritance.

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MBBS (Phase - II) Degree Examination - JUNE 2017

Time: Three Hours

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Pathology – Paper II (RS2 & RS3 Scheme)

Q.P. CODE: 1082

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LONG ESSAYS

2 x 10 = 20 Marks

1. Classify Ovarian tumours. Describe the pathology of Papillary Serous Cyst-adenocarcinoma of Ovary. (2+8)
2. A 10 year old boy developed Migratory Arthritis of Large Joints and features of Pancarditis, after 10 days, following episode of Pharyngitis.
 - a) What is the probable diagnosis?
 - b) Describe the etiopathogenesis of underlying disorder. (2+8)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Gastric Carcinoma
4. Alcoholic Liver disease
5. Bronchial Asthma
6. Germ Cell tumours of Ovary
7. Complications of Gall Stones
8. Thyrotoxicosis
9. Intestinal Amoebiasis
10. Lung Abscess
11. Premalignant Lesions of Squamous Cell Carcinoma of Skin
12. Pyogenic Meningitis

SHORT ANSWERS

10 x 3 = 30 Marks

13. Benign Prostatic Hyperplasia
14. Medullary Carcinoma of Thyroid
15. Kidney changes in Malignant Hypertension
16. Classification of Hodgkin's disease
17. Causes for Splenomegaly
18. Pheochromocytoma
19. Colloid Goitre
20. Fibroadenoma – Breast
21. Leiomyoma – Uterus
22. Scar Endometriosis
