Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2018

[Time: 3 Hours] [Max. Marks: 100]

PATHOLOGY

General Pathology - PAPER – I

Q.P. CODE: 7391

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

Answer All The Questions 10 X 10 = 100 Marks

1. Viral Carcinogenesis.
2. Discuss apoptosis and differentiate from necrosis.
3. Angiogenesis.
4. Recombinant DNA techniques.
5. Pulmonary embolism.
6. Classification of autoimmune disease.
7. Wilm’s tumour.
8. Neurosyphilis.
9. Free redical injury.
10. Telomer.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2018

[Time: 3 Hours] [Max. Marks: 100]

PATHOLOGY

Haematology, Clinical Pathology and Cytology

PAPER – II

Q.P. CODE: 7392

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

Answer All The Questions 10 X 10 = 100 Marks

1. Role of FNAC in mucinous lesions of the breast.
2. Classify acute leukemias. Describe the morphology of cells in each type.
3. Automated instruments in haematology laboratories.
4. Reticulocyte and its importance in haematology.
5. Factor VIII deficiency.
6. Pathological inclusions in RBCs.
7. Aplastic anaemia.
8. Pathological proteins in urine.
9. Preparation and uses of cell block technique.
10. Standard protocol and requirements in establishing a modern blood bank.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2018

[Time: 3 Hours] [Max. Marks: 100]

PATHOLOGY

Systemic Pathology - PAPER – III

Q.P. CODE: 7393

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

Answer All The Questions 10 X 10 = 100 Marks

1. Recent WHO classification of lung tumours.
2. Role of IHC in breast carcinoma.
3. Endometrial hyperplasias.
4. Types of cardiomyopathies
5. Ulcers on the small and large intestine.
6. Role of helicobacter pylori in pathology.
7. Ovarian teratoma.
8. Xanthogranalomatous Phylonephritis.
9. Pathogenesis and pathology of Gallstones.
10. Germ cell tumours of testis.

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Rajiv Gandhi University of Health Sciences

MD Degree Examination – MAY-2018

Time: Three Hours | Max. Marks: 100 Marks

PATHOLOGY

Systemic Pathology - PAPER – IV

Q.P. CODE: 7394

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

Answer All The Questions | 10 x 10 = 100 Marks

1. The Role of immunohistochemistry in the diagnosis of spindle cell lesions of the soft tissue.
2. Discuss the benign osseous tumors of intramedullary origin.
3. CASTLEMAN'S disease.
4. Reactive pseudosarcomatous proliferations.
5. Pitfalls in the interpretation of lymphnode biopsies.
6. X linked muscular dystrophy.
7. Systemic mastocytosis.
8. Morphology of the brain in Alzheimers disease.
9. Gross and microscopic features of Mollasum contagiosum
10. Varients of Papillary Carcinoma of thyroid.

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Rajiv Gandhi University of Health Sciences

MD Degree Examination – NOV-2018

Time: Three Hours Max. Marks: 100 Marks

PATHOLOGY
General Pathology - PAPER – I
Q.P. CODE: 7391

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

Answer All The Questions 10 x 10 = 100 Marks

1. Discuss the role of adhesion molecules in acute inflammation.
2. Discuss the role of stem cells in health and disease.
3. Warburg effect.
4. Fragile X syndrome.
5. Cytokines.
6. Telomerase.
7. Tumor antigens.
8. DNA repair defects and cancer.
9. Calcifications – Types with example.
10. Viral inclusions.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – NOV 2018

[Time: 3 Hours] [Max. Marks: 100]

PATHOLOGY

Haematology, Clinical Pathology and Cytology

PAPER – II

Q.P. CODE: 7392

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

Answer All The Questions 10 X 10 = 100 Marks

1. Discuss the relevance of fluid cytology in pathology.
2. Discuss flow cytometry as a diagnostic tool in pathology.
3. Bone marrow appearance in megaloblastic anaemia.
4. Packed cell volume.
5. Safe blood transfusion.
6. Lazy leucocyte syndrome.
7. Causes for thrombocytopenia.
8. Paroxysmal nocturnal haemoglobinuria
9. Peripherel stem cell transplantation.
10. Hairy cell leukemia.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – NOV 2018

[Time: 3 Hours] [Max. Marks: 100]

PATHOLOGY

Systemic Pathology - PAPER – III

Q.P. CODE: 7393

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

Answer All The Questions 10 X 10 = 100 Marks

1. Laboratory diagnosis of myocardial infarction.
2. Bronchogenic carcinoma.
3. Premalignant lesions in gastrointestinal tract.
4. Causes of sterility in male.
5. Alpha 1 antitrypsin deficiency state.
6. Sex cord stromal cells tumours of the ovary.
7. Wilsons disease.
8. Alport’s syndrome.
9. Triple – negative breast cancer.
10. Renal lesions in SLE.

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Rajiv Gandhi University of Health Sciences

MD Degree Examination – NOV - 2018

Time: Three Hours | Max. Marks: 100 Marks

PATHOLOGY

Systemic Pathology - PAPER – IV

Q.P. CODE: 7394

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

Answer All The Questions | 10 x 10 = 100 Marks

1. Discuss the various pseudosarcomatous lesions of soft tissue.
2. Discuss the recent advances in Hodgkin disease.
3. Retinoblastoma.
4. Panniculitis.
5. Childhood CNS tumors.
6. Kimura's disease.
7. Variants of undifferentiated carcinoma of thyroid.
8. Merkel cell carcinoma.
9. Ewings – sarcoma
10. Interpretation of Synovial Biopsy

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