Rajiv Gandhi University of Health Sciences

Diploma in Degree Examination - May 2011

[Max. Marks: 100]

[me: 3 Hours]

DIPLOMA IN CLINICAL PATHOLOGY

PAPER III

(Revised Scheme)

Q.P. CODE: 9333

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

ONG ESSAY **2 X 20 = 40 Marks**

1. What are the causes of macrocytic anaemia? Describe the biochemical basis and bone marrow findings in Megaloblastic anaemia.
2. Discuss the various laboratory investigations in plasma cell dyscrasias.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Papanicolaou smear
4. Glycosylated haemoglobin
5. Anticoagulants
6. Role of vaginal smears in diagnosis
7. Causes of neonatal jaundice.
8. Von- Willebrand disease.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - Nov 2011

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

DIPLOMA IN CLINICAL PATHOLOGY (D.C.P)

GENERAL PATHOLOGY including BASIC MICROBIOLOGY

PAPER – I (Revised Scheme)

Q.P. CODE : 7051

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss chemical mediators of Inflammation.
2. Discuss role of Microbiology Lab in investigating an out back of acute gastroenteritis.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Free radical induced injury.
4. Serodiagnosis of syphilis.
5. Opportunistic pathogens.
6. Special stains for fungi.
7. Harmful effects of immunity.
8. Nephrogenic edema.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - Nov 2011

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

DIPLOMA IN CLINICAL PATHOLOGY (D.C.P)

SYSTEMIC PATHOLOGY

PAPER – II (Revised Scheme)

Q.P. CODE: 7052

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss about the ulcerative lesions of intestine
2. Discuss etiopathogenesis, morphology and laboratory diagnosis of myocardial infarction

SHORT ESSAY **6 X 10 = 60 Marks**

3. Giant cell lesions of bone
4. Pathogenesis of type – II diabetes mellitus
5. Bronchiectasis
6. Trophoblastic tumors
7. Cholelithiasis
8. Astrocytoma

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – Nov 2011

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

DIPLOMA IN CLINICAL PATHOLOGY (D.C.P)

HAEMATOLOGY, CYTOLOGY AND CLINICAL PATHOLOGY

PAPER – III

Q.P. CODE: 7053

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the etiopthognesis and laboratory diagnosis of aplastic anemia
2. Write the investigations of male infertility

SHORT ESSAY **6 X 10 = 60 Marks**

3. Osmotic fragility
4. Urinary sediment
5. Packed cell volume
6. Von – wille brand disease
7. Burkitis lymphoma
8. Platelet cont

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Rajiv Gandhi University of Health Sciences

Diploma in Degree Examination - Nov 2011

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

DIPLOMA IN CLINICAL PATHOLOGY

PAPER I

Q.P. CODE: 9331

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the lab diagnosis of Mycobacterium tuberculosis
2. Discuss the mechanism of invasion and metastasis of neoplasms

SHORT ESSAY **6 X 10 = 60 Marks**

3. Autoimmunity
4. Disseminated intravascular coagulation
5. Pathogenesis of septic shock
6. Graft versus host disease
7. Significance of HBeAg and HBsAg markers in Hepatitis B infection
8. Alpha – 1 antitrypsin deficiency

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Rajiv Gandhi University of Health Sciences

Diploma in Degree Examination - Nov 2011

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

DIPLOMA IN CLINICAL PATHOLOGY

PAPER II

(Revised Scheme)

Q.P. CODE: 9332

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the morphological variants of papillary carcinoma thyroid and outline the diagnostic methods
2. Describe the molecular pathogenesis and pathology of gastrointestinal stromal tumor (GIST)

SHORT ESSAY **6 X 10 = 60 Marks**

3. Choriocarcinoma
4. Bronchiectasis
5. Helicobacter pylori
6. Prognostic markers in carcinoma breast
7. Hodgkin's lymphoma
8. Lupus nephritis

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Rajiv Gandhi University of Health Sciences

Diploma in Degree Examination - Nov 2011

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

DIPLOMA IN CLINICAL PATHOLOGY

PAPER III

Q.P. CODE: 9333

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the laboratory diagnosis of hemoglobinopathies
2. Discuss the classification and approach to the diagnosis of paraproteinemias

SHORT ESSAY **6 X 10 = 60 Marks**

3. Endoscopic cytology
4. Von willibrand disease
5. Quality assurance in blood banking
6. Microalbuminuria
7. Fluorescence insitu hybridization (FISH)
8. Cerebrospinal fluid (CSF) in the diagnosis of malignancies

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