

Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination – 21-Mar-2022

Time: 3 Hrs.

[Max. Marks : 35]

GENERAL PATHOLOGY (RS3)

QP Code: 1183

(Note : Both QP Codes 1182 and 1183 are to be answered within total duration of 3 hours)

LONG ESSAY

1 X 10 = 10 Marks

1. Define Neoplasia. Describe the differences between Benign and Malignant neoplasms.

SHORT ESSAY

5 X 3 = 15 Marks

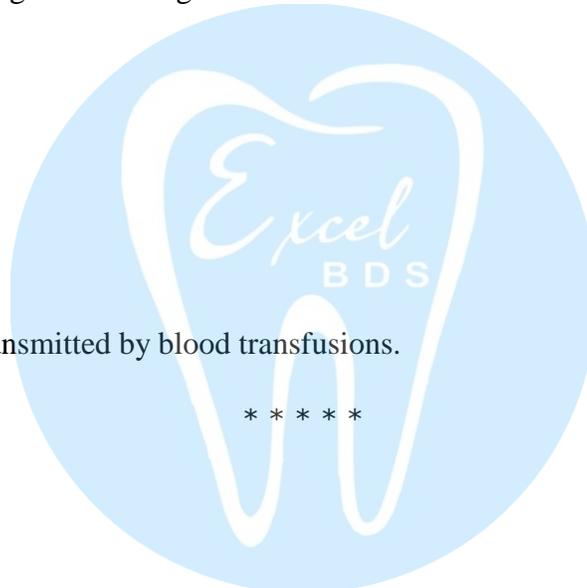
2. Describe the pathogenesis and morphology of fatty liver.
3. Laboratory diagnosis of Diabetes Mellitus.
4. Discuss the laboratory diagnosis of Megaloblastic Anaemia.

SHORT ANSWERS

5 X 2 = 10 Marks

5. Fate of thrombus.
6. Sequestrum.
7. Scurvy.
8. Reed Steinberg cells
9. Mention four diseases transmitted by blood transfusions.

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Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination – 16-Nov-2021

Time: 3 Hrs.

[Max. Marks : 35]

GENERAL PATHOLOGY (RS3)

QP Code: 1183

(Note : Both QP Codes 1182 and 1183 are to be answered within total duration of 3 hours)

LONG ESSAY

1 X 10 = 10 Marks

1. Define shock. Mention the types and discuss the etiopathogenesis of septic shock.

SHORT ESSAY

5 X 3 = 15 Marks

2. Define Gangrene. Mention the types and discuss the difference between them.
3. Down's syndrome.
4. Osteogenic sarcoma.

SHORT ANSWERS

5 X 2 = 10 Marks

5. List four opportunistic infections in AIDS.
6. Causes of Eosinophilia -any four.
7. Ghon's focus.
8. Microscopic features of squamous cell carcinoma.
9. Factors affecting wound healing.



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Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination – 24 MAR 2021

Time: Three Hours

Max. Marks: 35

GENERAL PATHOLOGY (RS-3)

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

LONG ESSAYS 1X10=10 Marks

Q.1 Define and classify anemia. Describe the peripheral smear and bone marrow findings of megaloblastic anemia.

SHORT ESSAYS 3X5=15 Marks

Q.2 Nutmeg liver – discuss the causes, gross and microscopic features.

Q.3 Write a note on Ghons complex.

Q.4 Define thrombus and discuss the fate of thrombosis.

SHORT ANSWERS 5X2=10 Marks

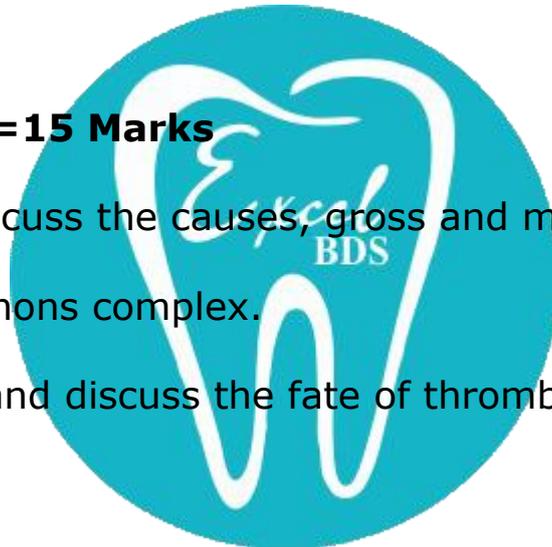
Q.5 List the cardinal signs of inflammation.

Q.6 Define and give four examples of metaplasia.

Q.7 Bombay blood group.

Q.8 Name four causes of thrombocytopenia.

Q.9 Mention any four anticoagulants.



Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination – Special Chance 02 FEB 2021

Time: Three Hours

Max. Marks: 35

GENERAL PATHOLOGY (RS-3)

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

LONG ESSAYS 1X10=10 Marks

Q.1 Define thrombosis. Discuss the etiopathogenesis and add a note on fate of thrombus.

SHORT ESSAYS 3X5=15Marks

Q.2 Phagocytosis.

Q.3 Define anemia and discuss the laboratory diagnosis of iron deficiency anemia.

Q.4 Osteomyelitis.

SHORT ANSWERS 5X2=10Marks

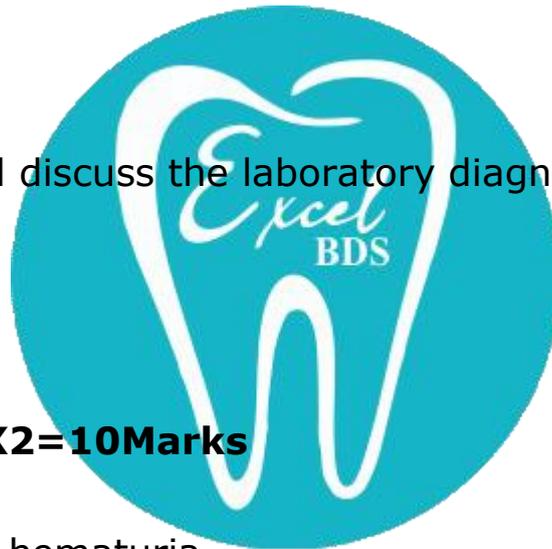
Q.5 List four causes of hematuria.

Q.6 Special stains for Amyloid.

Q.7 Granulomatous diseases-any four.

Q.8 Oncogenic viruses-any four.

Q.9 Leukoplakia.



Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination – 18 Nov 2020

Time: Three Hours

Max. Marks: 35

GENERAL PATHOLOGY (RS-3)

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

LONG ESSAYS 1X10=10 Marks

Q.1 Define inflammation. Describe the vascular events in inflammation.

SHORT ESSAYS 3X5=15Marks

Q.2 Vitamin D deficiency

Q.3 Discuss routes of spread of malignant tumor

Q.4 Immune thrombocytopenic purpura

SHORT ANSWERS 5X2=10Marks

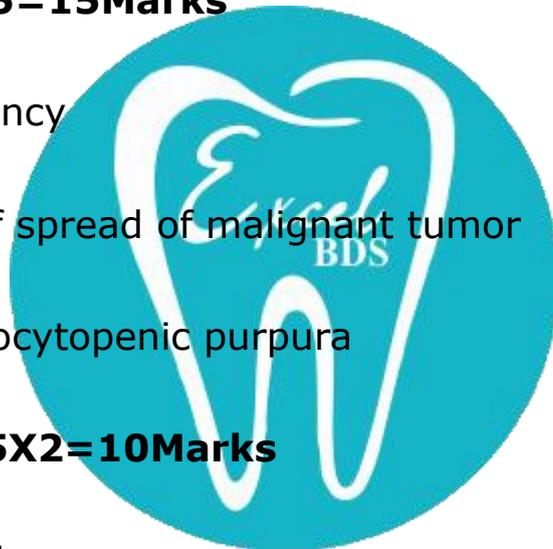
Q.5 Premalignant lesion

Q.6 Causes of ketonuria

Q.7 Name the types of necrosis with examples

Q.8 Causes of splenomegaly

Q.9 Causes of raised erythrocyte sedimentation rate



Rajiv Gandhi University of Health Sciences, Karnataka
II B.D.S Degree Examination - JUNE/JULY- 2010

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY
Q.P. CODE: 1182

(Note: Both QP Codes 1182 and 1183 are to be, answered within total duration of three hours)

LONG ESSAYS

1 x 10 = 10 Marks

1. Define inflammation. Describe in detail the vascular events of inflammation.

SHORT ESSAY (3×5=15)

2. Lab findings in iron deficiency anemia

3. Hemophilia A.

4. Urine sediment

SHORT ANSWERS (5×2=10)

5. Megaloblast

6. Four causes for Leukocytosis.

7. Enumerate tests for proteins in urine

8. Urinary casts

9. Granuloma

II B.D.S Degree Examination - DECEMBER- 2010

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY
Q.P. CODE: 1182

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1182 and 1183 are to be, answered within total duration of three hours)

LONG ESSAYS

1 x 10 = 10 Marks

1. Define neoplasia. Enumerate the differences between benign and malignant tumors.

SHORT ESSAY (3×5=15)

2. Peripheral smear findings in CML

3. I T P

4. Fatty change

SHORT ANSWERS (5×2=10)

5. Clotting time.

6. Brown induration

7. Apoptosis

8. Causes of hematuria

9. Differences between dry and wet gangrene

Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - JUNE/JULY- 2011

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define diabetes mellitus. Discuss Laboratory diagnosis and complications of diabetes mellitus.

SHORT ESSAY (3×5=15)

2. Pleomorphic adenoma

3. Peripheral blood smear and bone marrow findings in iron deficiency anemia

4. Hematuria

SHORT ANSWERS (5×2=10)

5. Types of metaplasia with examples

6. Four causes for leukocytosis

7. Name hemiparasites

8. Glycosuria

9. List out casts found in urine

II B.D.S Degree Examination - JUNE/JULY- 2011

Time: Three Hours

Max. Marks: 35 Marks

MICROBIOLOGY Q.P. CODE: 1183

LONG ESSAYS

1 x 10 = 10 Marks

1. Classify Streptococci and Describe the pathogenesis and laboratory diagnosis of Streptococcus pharyngitis.

SHORT ESSAY (3×5=15)

2. Innate immunity

3. Cultivation of viruses

4. Autoclave

SHORT ANSWERS (5×2=10)

7. Articles sterilized in Hot Air Oven

8. Bacterial capsule

9. Mention four zoonotic diseases

10. Koch's postulates

11. Name four viral vaccines

Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - DECEMBER- 2011/ JANUARY- 2012

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define embolism. Discuss pulmonary embolism.

SHORT ESSAY (3×5=15)

2 Peripheral blood pictures in megaloblastic anemia

3. Sideroblastic anemia

4 Staining reactions of amyloid.

SHORT ANSWERS (5×2=10)

5 Packed cell volume

6. Definition of thrombus.

7. Classification of leprosy

8. Myeloblast

9. Ketone bodies in urine.

II B.D.S Degree Examination - DECEMBER- 2011/ JANUARY- 2012

Time: Three Hours

Max. Marks: 35 Marks

MICROBIOLOGY Q.P. CODE: 1183

LONG ESSAYS

1 x 10 = 10 Marks

1. Enumerate the organisms causing enteric fever, Discuss the pathogenesis and laboratory diagnosis of typhoid fever.

SHORT ESSAY (3×5=15)

2. Candidiasis

3. Laboratory diagnosis of malaria

4. Active immunity

SHORT ANSWERS (5×2=10)

7. Name four contributions of Louis Pasteur

8. Mantoux test

9. Polio vaccines

10. Name two blood borne viral infections

11. Coagulase test

Rajiv Gandhi University of Health Sciences, Karnataka
II B.D.S Degree Examination - JUNE/JULY- 2012

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY
Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1 Define Inflammation Discuss in detail the cellular events in acute inflammation.

SHORT ESSAY (3×5=15)

2. Endogenous pigments

3. Wet gangrene

4. Leukemoid Reactions

SHORT ANSWERS (5×2=10)

5. Sickle cell

6 Four causes for Iron deficiency anemia.

7. Enumerate tests for ketone bodies in urine

8. Giant cells

9. Thrombocytopenia

II B.D.S Degree Examination - JUNE/JULY- 2012

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY
Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define healing. Discuss in detail by primary intention. Add a note on factors affecting wound healing.

Short Essay

2. Characteristic features of benign and malignant tumours

3. Peripheral smear and bone marrow findings in megaloblastic anemia

4. Pathological calcification

Short answers

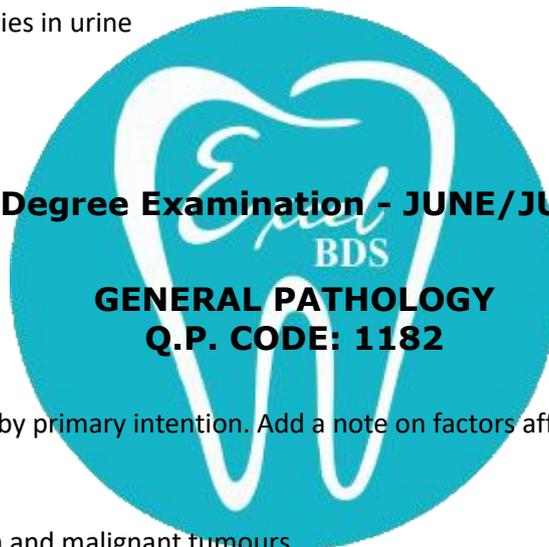
5. Cardinal signs of acute inflammation

6. Causes of ketonuria

7. Neubauer counting chamber

8. Cancrum oris

9. Nutmeg liver



Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - JUNE- 2013

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define and classify inflammation. Describe cellular events in acute inflammation.

SHORT ESSAY (3×5=15)

2. Staining characteristics of Amyloid

3. Discuss the laboratory findings in iron deficiency Anemia

4. Rickets

SHORT ANSWERS (5×2=10)

5. Dystrophic calcification. Definition and one example

6. Christmas disease

7. Fate of a thrombus

8. Mention the routes of metastasis of a malignant tumor.

9. Keloid

II B.D.S Degree Examination - DECEMBER- 2013

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define and classify neoplasia. Describe the differences between benign and malignant tumors

SHORT ESSAY (3×5=15)

2. Etiopathogenesis & pathology of septic shock

3. Peripheral smear and bone marrow findings in megaloblastic anemia

4. Etiopathogenesis of acquired immunodeficiency syndrome.

SHORT ANSWERS (5×2=10)

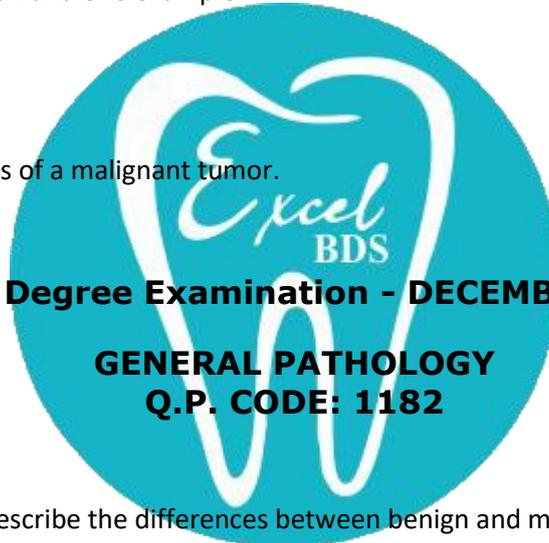
5. Clinical signs of acute inflammation

6. Laboratory investigations in diabetes mellites- mention any two.

7. Scurvy

8. Wintrobe's tube

9. Premalignant conditions of the oral cavity mention any two.



Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - JUNE- 2014

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define Neoplasm. write all the differences between benign and malignant neoplasms.

SHORT ESSAYS (3×5=15)

2. Define oedema and explain the pathogenesis of oedema of renal origin.

3. Describe the peripheral smear and bone marrow findings in idiopathic Thrombocytopenic Purpura.

4. Classify Hodgkin's lymphoma. Describe the microscopy of the Mixed Cellularity type.

SHORT ANSWERS (5×2=10)

5. Benzidine test

6. Manifestations of scurvy

7. Oral leukoplakia

8. List four causes of Fatty liver.

9. Components of Ghon's complex

II B.D.S Degree Examination - DECEMBER- 2014

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define metastasis. Describe the routes of spread of malignant tumors with examples.

SHORT ESSAYS (3×5=15)

2. Define pathologic calcification. List with examples the types of pathologic calcification.

3. Describe the mechanism of healing of fracture.

4. Define edema. Describe the pathogenesis pathology of pulmonary edema.

SHORT ANSWERS (5×2=10)

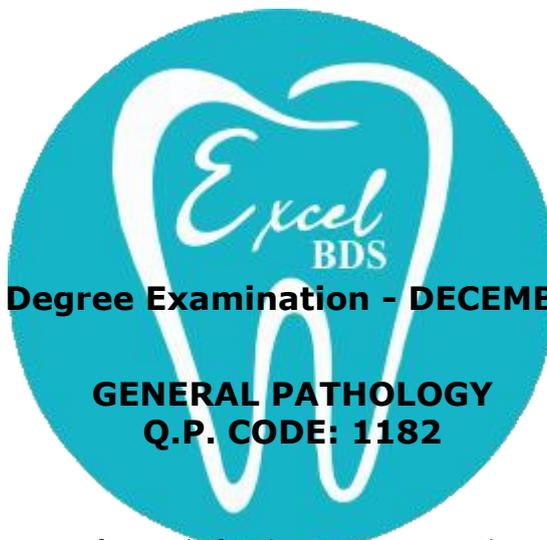
5. Granulomatous diseases with examples

6. List the stains for amyloid. Mention the appearance in each.

7. Enumerate four causes of eosinophilia.

8. Ameloblastoma

9. Westergren's tube



Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - JULY- 2015

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define necrosis. Describe the different morphological types of necrosis with examples.

SHORT ESSAYS (3×5=15)

2. Describe Phagocytosis.

3. Laboratory diagnosis of cancer.

4. Peripheral smear and bone marrow findings in Megaloblastic Anemia

SHORT ANSWERS (5×2=10)

5. Manifestations of Scurvy

6. Name two anticoagulants and their uses.

7. Uses of Neubauer's counting chamber

8. Granuloma

9. Name the special stains for amyloid

II B.D.S Degree Examination - DECEMBER- 2015

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define inflammation. Describe in detail the vascular events in acute inflammation.

SHORT ESSAYS (3×5=15)

2. Biologic carcinogenesis

3 Describe the pathogenesis of septic shock.

4 Define anemia. write the etiological classification of anemias.

SHORT ANSWERS (5×2=10)

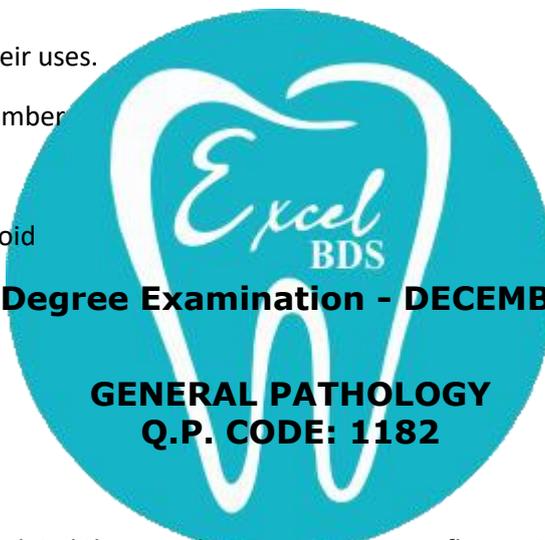
5. Spherocyte

6. Christmas disease

7 Mention the special stains for amyloid.

8. List the manifestations of rickets in an infant.

9 Mention four causes of proteinuria.



Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - JUNE- 2016

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define inflammation. Describe the cellular events of inflammation

SHORT ESSAYS (3×5=15)

2. Enumerate the differences between apoptosis and necrosis.

3. Etiopathogenesis of Diabetes Meletus

4. Laboratory diagnosis of iron deficiency anemia

SHORT ANSWERS (5×2=10)

5. Mention routes of spread of malignant tumors

6. Leukemoid reaction - define and mention the types.

7. Scurvy

8. Urinometer

9. Screening tests for bleeding disorders

II B.D.S Degree Examination - DECEMBER- 2016

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define Neoplasia. Classify Neoplasms. Describe the routes of spread of malignant neoplasms.

SHORT ESSAYS (3×5=15)

2. Rickets

3. Differences between Necrosis and Apoptosis

4. Idiopathic Thrombocytopenic Purpura

SHORT ANSWERS (5×2=10)

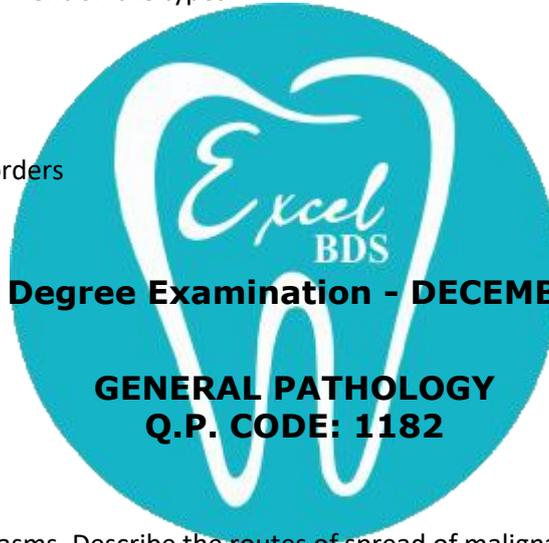
5. Anticoagulants used in Hematology

6. Nutmeg liver

7. What are Free Radicals? Give two examples.

8. Packed Cell volume

9. Causes of Ketonuria



Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - JUNE- 2017

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define thrombosis. Discuss the etiopathogenesis and fate of thrombus.

SHORT ESSAYS (3×5=15)

2. Chemical carcinogenesis

3. Tabulate the differences between Necrosis and Apoptosis

4. Leukemoid reactions

SHORT ANSWERS (5×2=10)

5. Granuloma-definition and two examples

6. Megaloblast

7. Sago spleen

8. Causes of aplastic anaemia

9. Cardinal signs of acute inflammation

II B.D.S Degree Examination - DECEMBER- 2017

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define inflammation. Describe the clinical signs and vascular events of acute inflammation.

SHORT ESSAYS (3×5=15)

2. Laboratory diagnosis of cancer

3. Iron deficiency anemia - blood picture and bone marrow findings

4. Fat embolism

SHORT ANSWERS (5×2=10)

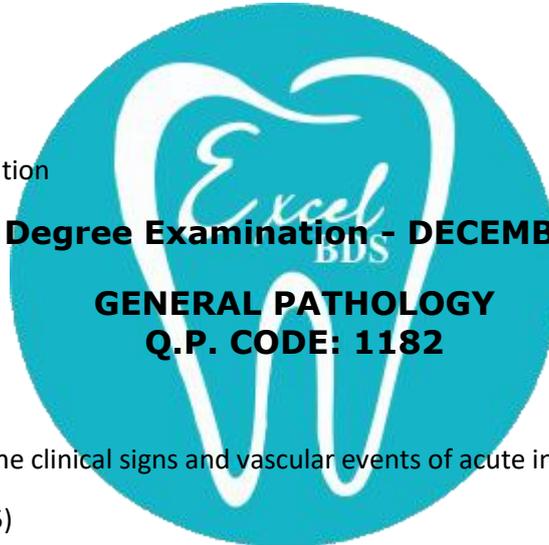
5. Mention the types of necrosis.

6. Mention any four complications of blood transfusion.

7. Sago spleen

8. Mention anticoagulants used in the laboratory any four

9. Causes of proteinuria- any four



Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - JULY- 2018

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Classify diabetes mellitus. Discuss the etiopathogenesis and laboratory findings in diabetes mellitus.

SHORT ESSAYS (3×5=15)

2. Viral carcinogenesis

3. Fatty liver

4. Discuss the laboratory findings in megaloblastic anemia.

SHORT ANSWERS (5×2=10)

5. Phagocytosis

6. Causes of proteinuria -any four

7. Sickle cell anemia

8. Causes of eosinophilia -any four

9. Fate of thrombus

II B.D.S Degree Examination – Dec - 2018

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define thrombosis. Discuss the etiopathogenesis and complications of thrombosis. Mention the fate of thrombus. (2+6+2=10)

SHORT ESSAYS

3 x 5 = 15 Marks

2. Phagocytosis

3. FAB classification of acute myeloid leukemia

4. Osteosarcoma

SHORT ANSWERS

5 x 2 = 10 Marks

5. List four Granulomatous diseases

6. Scurvy

7. Four complications of mismatched blood transfusion

8. Write the type of calcifications with examples.

9. Metaplasia

Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination – June - 2019

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define Neoplasia. Mention the difference between benign and malignant tumors and routes of spread of malignant tumors. (2+4+4=10)

SHORT ESSAYS 3 x 5 = 15 Marks

2. Chemical mediators of inflammation

3. Define gangrene and discuss various types of gangrene with examples.

4. Causes and laboratory diagnosis of iron deficiency anaemia

SHORT ANSWERS 5 x 2 = 10 Marks

5. Complications of diabetes mellitus

6. Opportunistic infections in case of AIDS – any four

7. Types of emboli with examples

8. Name the test for ketone bodies and mention two causes of Ketonuria

9. Classification of Amyloidosis

II B.D.S Degree Examination – Dec - 2019

Time: Three Hours

Max. Marks: 35 Marks

GENERAL PATHOLOGY Q.P. CODE: 1182

LONG ESSAYS

1 x 10 = 10 Marks

1. Define anemia. Classify anemia and add a note on lab investigation in case of anemia.

Short essay

2. Type of wound healing and factors influencing on wound healing

3. Define shock and discuss various types with examples

4. Squamous cell carcinoma

Short answers

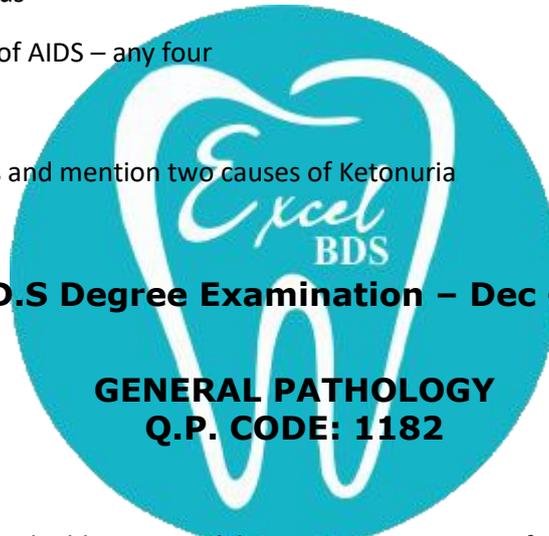
5. Causes of thrombocytopenia

6. Routes of metastasis of malignant tumor

7. Lab investigations in case of diabetes mellitus

8. Apoptosis

9. Vitamin D deficiency



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