# D.C.P.

#### PARKOT: WINTER - 2016

#### PAPER-I

## SUBJECT: CLINICAL PATHOLOGY, CHEMICAL PATHOLOGY & CLINICAL MICROBIOLOGY

Day Date	Saturday Time: 2.00 P.M. TO 5.00 P.M. O3/12/2016 Max, Marks: 100	es
N.B.:	<ol> <li>Q. 1 and Q. 2 are COMPULSORY.</li> <li>Attempt ANY SEVEN questions from Q. 3 to Q. 10.</li> <li>Figures to the right indicate FULL marks.</li> </ol>	
	t =	
Q.1	Write in detail about examination of faeces.	[15]
Q.2	Give an account of normal C.S.F. findings and write about laboratory diagnosis of different types of meningitis.	[15]
Q.3	Write in detail about laboratory diagnosis of diabetes mellitus.	[10]
Q.4	Describe diagnostic tests for HIV infection.	[10]
Q.5	Describe laboratory methods of diagnosis of tuberculosis.	[10]
Q.6	Write a note on blood urea and serum creatinine.	[10]
Q.7	Write a note on the Bethesda system for cervical cytology.	[10]
Q.8	Describe laboratory diagnosis of malaria.	[10]
Q.9	Describe microscopic examination of urine.	[10]
Q.10	Give an account of indications, methods and interpretation of semen analysis.	[10]

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Q.9	Desc	cribe microscopic examination of urine.		[10]	
Q.10	Give	e an account of indications, methods and	d interpretation of semen analysis.	[10]	

### PARKOT: WINTER - 2016

#### PAPER - II

#### SUBJECT: HAEMATOLOGY, BLOOD TRANSFUSION & IMMUNOLOGY

Day

Date

: Monday

: 05/12/2016

Time: 2.00 P.M. TO 5.00 P.M.

Max. Marks: 100

N.B.: 1) Q. 1 and Q. 2 are COMPULSORY. 2) Attempt ANY SEVEN questions from Q. 3 to Q. 10. 3) Figures to the right indicate FULL marks. Write etiological classification of anemia. Describe pathophysiology of iron [15] Q.1 deficiency anemia. Enumerate the causes and describe laboratory diagnosis of disseminated [15] Q.2 intravascular coagulation. Q.3 Write a note on rational use of blood. [10] Classify hypersensitivity reactions. Write a note on type I reaction. Q.4 [10]Q.5 Write a note on Bombay blood group. [10]Q.6 Write a note on multiple myeloma. [10] Q.7 Describe the role of micro-organisms in causation of lymphoma-leukemia. [10] What are leuko erythroblastic reactions? Discuss various causes producing it. Q.8 [10]Q.9 Describe laboratory diagnosis of thalassemia. [10]Q.10 Describe indications of bone marrow transplant. [10]

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## PARKOT: WINTER - 2016

#### PAPER - II

#### SUBJECT: HAEMATOLOGY, BLOOD TRANSFUSION & IMMUNOLOGY

Day

Date

: Monday

: 05/12/2016

Time: 2.00 P.M. TO 5.00 P.M.

Max. Marks: 100

N.B.: 1) Q. 1 and Q. 2 are COMPULSORY. 2) Attempt ANY SEVEN questions from Q. 3 to Q. 10. 3) Figures to the right indicate FULL marks. Q.1 Write etiological classification of anemia. Describe pathophysiology of iron [15] deficiency anemia. Q.2 Enumerate the causes and describe laboratory diagnosis of disseminated [15] intravascular coagulation. Q.3 Write a note on rational use of blood. [10]Q.4 Classify hypersensitivity reactions. Write a note on type I reaction. [10] Q.5 Write a note on Bombay blood group. [10] Q.6 Write a note on multiple myeloma. [10] Q.7 Describe the role of micro-organisms in causation of lymphoma-leukemia. [10] What are leuko erythroblastic reactions? Discuss various causes producing it. Q.8 [10]Describe laboratory diagnosis of thalassemia. Q.9 [10] Describe indications of bone marrow transplant. Q.10 [10]

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# PARKOT: WINTER - 2016 PAPER – III SUBJECT: HISTOPATHOLOGY & MORBID ANATOMY

Day Date	: Wednesday : 07/12/2016		Time: 2.00 P.M. TO 5.00 P.M. Max. Marks: 100	
N.B.:	2) Attempt AN	2 are COMPULSORY IY SEVEN questions fine right indicate FULL	om Q. 3 to Q. 10.	572.2
Q.1		alignant lesions seen in copic appearances of ca	the gastrointestinal tract. Add a note on reinoma of stomach.	[15]
Q.2	Write in detail et	iopathogenesis of thron	abosis and morphology of a thrombus.	[15]
Q.3	Classify bone tur	nours. Describe osteos	arcoma.	[10]
Q.4	Describe pathogo	enesis of alcoholic liver	disease.	[10]
Q.5	Classify occupat	ional lung diseases. Des	cribe any one of them.	[10]
Q.6	Describe progno	stic factors of carcinom	a of breast.	[10]
Q.7	Write in short ab	out Gaucher disease.		[10]
Q.8	Discuss pathoge demonstration of		Enlist various special stains used for	[10]
Q.9	Write a note on tumours.	use of immunohistoch	emistry in diagnosis of small round cell	[10]

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Q.10 Describe chemical mediators of inflammation.

[10]

#### PARKOT: WINTER - 2016 PAPER - III SUBJECT: HISTOPATHOLOGY & MORBID ANATOMY

Day

: Wednesday

Time: 2.00 P.M. TO 5.00 P.M.

[10]

Max. Marks: 100 Date : 07/12/2016 N.B.: Q. 1 and Q. 2 are COMPULSORY. 1) 2) Attempt ANY SEVEN questions from Q. 3 to Q. 10. Figures to the right indicate FULL marks. 3) Q.1 Enumerate premalignant lesions seen in the gastrointestinal tract. Add a note on [15] gross and microscopic appearances of carcinoma of stomach. Write in detail etiopathogenesis of thrombosis and morphology of a thrombus. Q.2[15] Q.3 Classify bone tumours. Describe osteosarcoma. [10]Q.4 Describe pathogenesis of alcoholic liver disease. [10]Classify occupational lung diseases. Describe any one of them. Q.5 [10] Q.6 Describe prognostic factors of carcinoma of breast. [10] Q.7Write in short about Gaucher disease. [10] Q.8 Discuss pathogenesis of amyloidosis. Enlist various special stains used for [10] demonstration of amyloid. Q.9 Write a note on use of immunohistochemistry in diagnosis of small round cell [10] tumours. Q.10 Describe chemical mediators of inflammation.