CLINICAL PATHOLOGY AND SEROLOGY
HSSC-II
SECTION – A (Marks 08)

Time allowed: 15 Minutes

Section – A is compulsory. All parts of this section are to be answered on this page and handed over to the Centre Superintendent. Deleting/overwriting is not allowed.

Do not use lead pencil.

حصہ اوّل لازمی ہے۔اس کے جوابات اسی صفحہ پر دے کر ناظم مرکز کے حوالے کریں۔کاٹ کر دوبارہ لکھنے کی اجازت نہیں ہے۔لیڈ پنسل کا استعمال ممنوع ہے۔

Version No.				
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ROLL NUMBER						

Answer Sheet No. _____ Candidate's Sign. _____ Invigilator's Sign. _____

Fill the relevant bubble against each question:

	Question	A	B	C	D	A	B	C	D
1.	The apperance of red cell in urine is	Haemoglobinuria	Pyuria	Haematuria	None of these	○	○	○	○
2.	Glucose measured in CSF is termed as	Qualitative	Quantitative	Titrative	Sublimative	○	○	○	○
3.	Which instrument is used to measure glucose in blood	Flame photometer	Spectrophotometer	Electrophoresis	PH meter	○	○	○	○
4.	Which one of the following test is used for the diagnosis of syphilis.	VDRL	WIDAL	ASOT	RA	○	○	○	○
5.	Gastric juice contains	Pepsin	Protein	O Antigen	None of these	○	○	○	○
6.	H antigens are associated with	Cell wall of bacteria	Fimberial antigens	Flagellar antigens	Capsular antigens	○	○	○	○
7.	The end product of carbohydrate digestion is	Lactose	Pepsin	Glucose	Lipase	○	○	○	○
8.	In the case of renal tuberculosis which of the following test is performed	Ehrlic test	Fouchet test	ZN smear method	All of these	○	○	○	○

Federal Board HSSC- II Examination
Model Question Paper
(Clinical Pathology and Serology)
(Curriculum 2022-23) Scheme of Studies
2024

Time allowed: 2:15 Hours **Total Marks: 32**

Note: Answer all parts from Section 'B' and all questions from Section 'C' on the **E-sheet.**
Write your answers on the allotted /given spaces

SECTION – B (Marks 20)

Q. 2	**Attempt the following questions.**			**(1**0 × 2 = 20**)**	
(i)	State the function of nephrons.		**OR**	Write down the principle of pregnancy test.	
(ii)	Write a short note on Glucose Tolerance Test.		**OR**	Define hemolysis.	
(iii)	Briefly explain Bence Jones proteins.		**OR**	Write down the principle of Ehrlich benzaldehyde test.	
(iv)	How syphilis is diagnosed.		**OR**	Why is A.S.O.T done.	
(v)	Enlist the urine preservatives.		**OR**	Define quality control.	
(vi)	Write a brief note on accuracy		**OR**	Why is gastric juice analysis performed.	
(vii)	What are antigens?		**OR**	Write down the principle of RA factor test.	
(viii)	What is the difference between plasma and serum.		**OR**	Define antibodies.	
(ix)	Enlist the types of antibodies.		**OR**	Enlist the names of antigen antibody reactions.	
(x)	Name 2 bile pigments found in urine.		**OR**	Define azoospermia.	

SECTION – C (Marks 12)

Note: Attempt all questions. Marks of each question are given along with each question. (2 × 6 = 12)

Q. 3	Write down the procedure of WIDAL test.		**OR**	Write a detailed note on CSF.	
Q. 4	Discus the significance of glucose and ketone bodies in urine.		**OR**	Write down the procedure of semen analysis.	