## BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE) B.Sc. (Lab Sci) Sem-V1 :SUMMER- 2022 SUBJECT : HISTOPATHOLOGY

Day: Thursday Date: 28-07-2022		S-22581-2022	Time: 10:00 AM-12:00 PM Max. Marks: 20	
N.B	1)	- J1	0 Marks.	
	2)	Section B – Long Answer Questions Section C – Short Answer Questions Section A is given separate sheet and has to be answered on SAME sheet. This sheet to be completed within the First 15 minutes of starting of the examination. The sheet with Section A only will be collected by Supervisor. You have to make √ such kind of mark in the box of the appropriate answers There is no negative marking.		
	3) 4)			
Seat	t No			
		SECTION - A		
1)				
-)	a)	Which of the following is clearing agent?  DPX		
	<b>b</b> )	Xylene		
	c)	Ethanol		
	d)	Cedar wood oil		
2)		All of the following are types of Microtome EXCE	PT.	
	a)	Rocking Microtome		
	b)	Rotary Microtome		
	c)	Freezing Microtome		
	d)	Round Microtome		
3)		Arrange the steps of tissue processing in a correct of	rder	
		1) Clearing 2) Dehydration 3) Embed	lding	
	a)	1, 3, 2		
	b)	2, 1, 3		
	c)	1, 2, 3		
	d)	2, 3, 1		
4)		All of the following types of incision in Autopsy EX	КСЕРТ	
	a)	I shape		
	b)	Y shape		
	c)	P shape		
	d)	Modified Y		
			PTO	

		Signature of Examiner	
Total	Marl	ss Obtained Signature of Invigilator	
	d)	All of the above	
	c)	Massons Trichrome	
	b)	Reticuline	
	a)	PAS	
10)		Which of the following is /are special stains used in histopathology	-
	d)	Productive Personal Equipment	
	c)	Private Protective Equipment	
	b)	Personal Protective Equipment	
	a)	Personal Procedure Equipment	
9)		PPE stands for	
	d)	Puncture proof container	
	c)	Black bag	
	b)	Yellow bag	
	a)	Red bag	
8)		Human anatomical waste material are discarded in	
	d)	None of above	
	c)	Both A & B	
	b)	Acid decalcification	
	a)	Surface decalcification	
7)		All are types of Decalcification EXCEPT	
	d)	All of the above	
	c)	Its requires less time than routine processing	
	b)	Used for rapid diagnosis	
	a)	Its intraoperative diagnostic technique	
6)		True about frozen section	
	d)	Burgundy	
	c)	Black	
	b)	Brown	
,	a)	Blue	
5)		Colour of IHC staining is	

## BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE) B.Sc. (Lab Sci) Sem-VI :SUMMER- 2022 SUBJECT : HISTOPATHOLOGY

Day: Thursday
Date: 28-07-2022

S-22581-2022

Time: 10:00 AM-12:00 PM

Max. Marks: 40

N.B.

1) There are **THREE** sections as

Section A – Objective Type Questions

20 Marks.

Section B – Long Answer Questions

20 Marks.

Section C – Short Answer Questions

20 Marks.

2) Section B has **four** long questions and any **TWO** questions have to be answered.

- 3) Section C has six short questions and any FOUR questions have to be answered.
- 4) Answers to both the sections should be written in **SAME** answer book.

## **SECTION - B**

Q.1 Long Answer Questions **TWO** out of **FOUR** 

 $10\times2=20$ 

- a) Describe histotechniques in details. Write note on H & E staining.
- **b)** Define FNAC. Explain in details about Fine Needle Aspiration Cytology & its Advantages. Add a note on Guided FNAC.
- c) Describe about Frozen Section. Explain its applications.
- **d)** Define autopsy. Enumerate autopsy techniques and describe procedure of autopsy in detail.

## **SECTION - C**

Q.2 Write short answer questions FOUR out of SIX

 $05\times 4=20$ 

- a) Types of Microtomes
- b) Decalcification
- c) Museum technique
- d) Biomedical Waste Management
- e) Cell block preparation
- f) Intraoperative diagnosis