

## **PF-M20173** Seat No. \_\_\_\_\_

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## First Year M. B. S. Examination

July - 2018

Physiology: Paper - I

Time	e : 3	Hours]			[Total	Marks :	<b>50</b>
Inst	ruct	(2) (3) (4)	Write answers of answer book. Answers should be diagrams. Illegible writing with Figures to the right	brief a	and drav	w necess	sary
			SECTION -	I			
1			quired immune systemological tolerance. OR	em. Also	o menti	on	8
1			icoagulant mechanis note on haemorrha		•		8
2	Writ	te notes on	:				8
	(A) (B)	to exercise	f carbon dioxide $\mathbf{OR}$ F secretions $\mathbf{OR}$ Move	_			
3	(A) (B)	Explain in  (a) The tension longer  (b) Normal  (c) Salivation food.	e physiological signs few sentences: erm universal donor valid. lly intra-pleural preserv secretion increase c mucosa is resistar	and resure is a	cipient lways ne	are no egative.	s. <b>5</b>

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## SECTION - II

Also discuss the pathophysiology of Hypovolemic shock.  OR  Describe the normal components of ECG and discuss its significance. Also write a note on various heart bloods  Write notes on:  (A) Counter current multiplier system OR Renal clearant (B) Non respiratory functions of respiratory system Or Pulmonary compliance  (A) Describe the physiological changes during	cks. 8
Describe the normal components of ECG and discuss its significance. Also write a note on various heart bloomy.  Write notes on:  (A) Counter current multiplier system OR Renal clearance.  (B) Non respiratory functions of respiratory system Or Pulmonary compliance.  (A) Describe the physiological changes during.	cks.
<ul> <li>its significance. Also write a note on various heart bloods.</li> <li>Write notes on: <ul> <li>(A) Counter current multiplier system OR Renal clearar</li> <li>(B) Non respiratory functions of respiratory system OR Pulmonary compliance</li> </ul> </li> <li>(A) Describe the physiological changes during</li> </ul>	cks.
<ul> <li>Write notes on:</li> <li>(A) Counter current multiplier system OR Renal clearar</li> <li>(B) Non respiratory functions of respiratory system OR</li> <li>Pulmonary compliance</li> <li>(A) Describe the physiological changes during</li> </ul>	8.ce
<ul> <li>(A) Counter current multiplier system OR Renal clearar</li> <li>(B) Non respiratory functions of respiratory system On Pulmonary compliance</li> <li>(A) Describe the physiological changes during</li> </ul>	.ce
<ul> <li>(B) Non respiratory functions of respiratory system C</li> <li>Pulmonary compliance</li> <li>(A) Describe the physiological changes during</li> </ul>	
Pulmonary compliance  (A) Describe the physiological changes during	R
6 (A) Describe the physiological changes during	
TT' 1	5
High atmospheric pressure	
(B) Explain in few sentences:	4
(a) Oedema develops in renal disease.	
(b) Dilated heart has to do more work than n	on
dilated heart.	
(c) Severe hyperkalemia can lead to ventricul	ar
fibrillation	
(d) When body feels cold, shivering occurs.	