Q.P. Code: 103001 Reg. no.:

First Professional MBBS Degree Supplementary Examinations January 2018

PHYSIOLOGY – Paper I		
	ime: 3 Hours • Answer all questions • Draw Diagrams wherever necessary ong essay	larks: 50 (10)
1.	 A 12 years old boy had a swelling in the knee joint after a small injury. His time was 12 min. Answer the following: What may be the probable diagnosis and what is its cause Explain the clotting mechanism in detail Mention and interpret the tests for assessing bleeding and clotting time 	clotting (2+5+3)
Sł	nort essays	(2x5 =10)
	Explain the factors regulating cardiac output Explain the mechanism maintaining osmotic gradient in renal medullary interst	itium.
Αı	nswer briefly	(5x3=15)
5. 6. 7.	Surfactant T lymphocyte Small intestinal hormones Dead space Pancreatic juice composition	
Dı	raw and label	(2x2½ =5
	Conducting system of heart J.JG apparatus	
E	xplain the physiological basis of the following	(5x2=10)
12 13 14	Respiratory rhythm Respiratory r	