	DIRECTOR OF HEALTH, N	GUJARAT STATE		
(27 Instructions:	 HABORATORY AND X-RA 1. Figure to the right ind 	PHYSIOLOGY	· · · · ·	2015
	2. Draw diagrams where		4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
Date: 12/08/15	Т	ime: 2 hours	Total marks:	50
n 1 (h) Answer	r any five of the following:			(15)
1. What 2. What 3. What 4. How of 5. What 6. What	are the components and fur are the sites of red cell form are the uses of blood smea do you identify the RBC and are the criteria of an ideal s is the principle of microsco	mation before and afte r? WBC diluting pipettes smear? py?	er birth?	
-7. What	are the functions of haemo	oglobin? 61		
(B) Match ら 1. Neph C 2. Neur	and the second se	− a. WBC −b. Kidney		(05)
A 3. Phag E4. Haen り 5. Insuli	nostasis	c. CNS d. Pancrease e. Platelet		
	hort notes on any three:			(15)
2. Struc 3. Func Euro	d groups. ture of skeletal muscle. tions of respiratory system. tions of Gastrointestinal sys strual cycle.	V1154		
1. Eryth 2. Pepsi 3. Norm 4. Serur	rue or false and correct it if ropoiesis is a process of for nogen is activated by High nal tidal volume is 500ml. n bilirubin level >2mg% is c Node is a pacemaker of Hea	mation of RBCs. pH, \ onsidered normal.	1	(05)
	e blanks الله عالماً is the structural and al glomerular/filtration rate		etal muscie.	(10)
3. RBCs 4. HCl is 5. Grow 6. Testo 7 Norma 8. Most 9. Norm	have life span of 120 da secreted in stomach by for th hormone is secreted by sterone is secreted by Tes al Respiratory Rate is '' common neurotransmitter al platelet count is cells are responsible for	ays. <u>Aieto</u> cells of main gas <u>pitroty</u> gland. Pit <u>Hi</u> secreted at synapse is <u>curver</u> I. Stack H	to breath/min Acry J.	Het oz pituiterry gland) De ACAA
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