

Date of issue : Centre : Sup. Sign. : Seat No. : **M-4003-O****First Year M. B. B. S. Examination****July - 2015****Physiology : Paper - I**

Time : 10 Minutes]

[Total Marks : 10

Instructions :

(1)

- Fill in the details of the examination as given below. Fill up strictly the details of the signs on your answer book.		Seat No. : <input type="text"/>
Name of the Examination : First Year M. B. B. S.		<input type="text"/>
Name of the Subject : Physiology : Paper - I		
Subject Code No. : 4 0 0 3 - O Section No. (1, 2, ...): Nil		
		Student's Signature

- (2) Mark the most appropriate choice with black ball pen for the following MCQs in separate OMR sheet provided.
- (3) Each correct entry credits one mark. No deduction of marks for incorrect entry.

5 MCQs :

- (1) Which of the following is most potent regulator of respiration ?
- (a) H^+
- (b) PCO_2
- (c) PO_2
- (d) None of the above

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[Contd....



- (2) Which is the most important cause of hyperventilation during exercise ?
 - (a) Oscillations in PCO_2
 - (b) Oscillation in PO_2
 - (c) Proprioceptive influence
 - (d) Acidic pH
- (3) Majority of B12 and Intrinsic factor complex is absorbed from -
 - (a) Stomach
 - (b) Duodenum
 - (c) Ileum
 - (d) Large intestine
- (4) Cardiac muscle are not fatiguable because of -
 - (a) Specialized conductive tissue
 - (b) Intercalated disc
 - (c) Long refractory period
 - (d) Atrio ventricular delay
- (5) Angiotensin II increase blood volume by -
 - (a) Increase absorption of Na^+ from proximal tubule
 - (b) Increase secretion of Aldosterone which in turn increase Na^+ reabsorption
 - (c) Increase ADH, which in turn increase water reabsorption
 - (d) All of the above
- (6) In aVR lead "a" stands for -
 - (a) active
 - (b) altered
 - (c) augmented
 - (d) accelerated

- (7) Antibody to ABO system is -
- IgG type
 - IgD type
 - IgM type
 - IgE type
- (8) After rapidly coming out from deep water diving person may suffer from -
- Dysbarism
 - Bends
 - Caisson's disease
 - All of the above are correct
- (9) Which of the following clearance test gives idea about renal blood flow -
- Creatinine clearance
 - Standard urea clearance
 - Maximum urea clearance
 - PAH clearance
- (10) Surfactant :
- Prevent lung collapse
 - Reduce work of breathing
 - Increases lung compliance
 - All of the above