



Date of issue :

Centre :

Sup. Sign. :

Seat No. :

DZ-4003-O
First M. B. B. S. Examination

June / July - 2016

Physiology : Paper - I

Time : 10 Minutes]

[Total Marks : 10

Instruction :

Fill up strictly the details of signs on your answer book. Name of the Examination : FIRST M. B. B. S. Name of the Subject : PHYSIOLOGY : PAPER - 1 Subject Code No. : 4 0 0 3 Section No. (1, 2, ...) : Nil		Seat No. : Student's Signature
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5 MCQ's :

1×10=10

- Which of the following is NOT present in serum ?
 - Water
 - Sodium ions
 - Non protein nitrogenous substances
 - Clotting factors
- Cellular response is amplified/magnified through ?
 - Positive feedback mechanism
 - Negative feedback mechanism
 - Necrosis
 - Atrophy
- The normal value of ejection fraction is :
 - 40%
 - 60%
 - 90%
 - 100%

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[Contd....

4. The main muscle of inspiration is :
 - (a) External intercostal
 - (b) Internal intercostal
 - (c) Diaphragm
 - (d) Scalene
5. Hb appears in which stage of erythropoiesis ?
 - (a) Proerythroblast
 - (b) Intermediate normoblast
 - (c) Reticulocyte
 - (d) None of the above
6. Tubular transport maximum for glucose in mg/min is :
 - (a) 80
 - (b) 200
 - (c) 180
 - (d) 375
7. Following is the short term regulating mechanism for Blood Pressure
 - (a) renin-angiotensin system
 - (b) stress relaxation
 - (c) baroreceptor mechanism
 - (d) abdominal compression reflex
8. For the ABO blood group system, the antigens are found _____, and the antibodies are found _____.
 - (a) on the erythrocytes, on the leukocytes
 - (b) on the erythrocytes, in the plasma
 - (c) on the leukocytes, in the plasma
 - (d) in the plasma, on the erythrocytes
9. Vitamin B₁₂ is absorbed primarily in the
 - (a) Stomach
 - (b) Duodenum
 - (c) Jejunum
 - (d) Ileum
10. In gastrointestinal tract, Auerbach's plexus is concerned primarily with
 - (a) Secreting activity
 - (b) Sensory function
 - (c) Motor control
 - (d) Blood flow