

SARDAR PATEL UNIVERSITY EXAMINATIONS
First Year B. Occupational Therapy Examination
Friday, 3rd January 2014
Time: 10.30 am to 01.30 pm
Subject: Human Physiology (B.O.T- 102)
Total Marks: 70

No. _____

Instructions:

1. There are 10 MCQs and all are compulsory.
2. Encircle on the most appropriate answer.
3. Overwriting would be considered as a wrong answer.

SECTION- I

(10)

Q. 1. MCQ: Read the instructions on the MCQ sheet and attempt the MCQs.

<p>1. Size of the body fluid compartment consist of</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Protein</th> <th style="width: 25%;">Mineral</th> <th style="width: 25%;">Fat</th> <th style="width: 25%;">Water</th> </tr> </thead> <tbody> <tr> <td>a) 18%</td> <td>7%</td> <td>15%</td> <td>60%</td> </tr> <tr> <td>b) 15%</td> <td>10%</td> <td>15%</td> <td>60%</td> </tr> <tr> <td>c) 01%</td> <td>20%</td> <td>19%</td> <td>60%</td> </tr> <tr> <td>d) 18%</td> <td>05%</td> <td>17%</td> <td>60%</td> </tr> </tbody> </table>	Protein	Mineral	Fat	Water	a) 18%	7%	15%	60%	b) 15%	10%	15%	60%	c) 01%	20%	19%	60%	d) 18%	05%	17%	60%	<p>2. Immediate Source of energy for muscle contraction is</p> <ol style="list-style-type: none"> a) Adenosine b) Proteins c) ATP d) Ketone
Protein	Mineral	Fat	Water																		
a) 18%	7%	15%	60%																		
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c) 01%	20%	19%	60%																		
d) 18%	05%	17%	60%																		
<p>3. Nodal Point (Optic Centre) of the eye is the</p> <ol style="list-style-type: none"> a) Junction of middle & Posterior 1/3rd of lens b) Anterior & Middle 1/3rd of lens c) Centre of lens d) Centre of eye 	<p>4. Ataxia is defined as incoordination due to error movement in</p> <ol style="list-style-type: none"> a) Rate b) Range & Force c) Direction d) All of the above 																				
<p>5. The gastric fluid (HCL) secreted by</p> <ol style="list-style-type: none"> a) Parietal cell b) Mucosal cell c) Epithelial cell d) None of above 	<p>6. Cyanosis is present if</p> <ol style="list-style-type: none"> a) Reduced hemoglobin rises more than 5gm/dl b) PO₂ falls below 60 mmHg c) Patient is severely anemic d) In all the above 																				
<p>7. Total amount of RBC in blood is</p> <ol style="list-style-type: none"> a) 500/Cumm b) 5000/ Cumm c) 5 Lacs/Cumm d) 5 Million/Cumm 	<p>8. Loss of appetite is known as</p> <ol style="list-style-type: none"> a) Anorexia b) Anemia c) Amnesia d) Alopecia 																				
<p>9. Agranulocyte of blood cell is</p> <ol style="list-style-type: none"> a) Neutrophils b) Lymphocytes c) Eosinophils d) Basophils 	<p>10. Increase the heart rate known as</p> <ol style="list-style-type: none"> a) Tachycardia b) Bradycardia c) Palpitation d) None 																				