

# MLT-I

Group-A----- Q.No. 1 to 50--- 1X50 marks

Group-B -----Q.No.1 to22 answer any 15 questions-----2X15=30 marks

Group-C -----Q.No. 1to 4-----4x5=20marks

## Group-A

1. The percentage of nitrogen in urea is about  
(a)38.4            (b) 46.6  
(c) 59.1            (d) 61.3
2. Insulin contains 3.4% Sulphur by mass. What will be the minimum molecular weight of Insulin.  
(a)94.117            (b) 1884  
(c)941            (d)976
3. 500ml of a glucose solution contains  $6.02 \times 10^{22}$  molecules. The concentration of the solution is  
(a)0.1m            (b)1.0m  
(c)0.2m            (d)2.0m
4. Which of the following hormones is a steroid?  
(a)oestrogen    (b)Insulin  
(c)Glucagon    (d)Thyroxine
5. The gland which regulates the level of calcium in the blood is  
(a)Thyroid            (b)Adrenal  
(c)Parathyroids (d)Pituitary
6. Which of the following hormones is not involved in sugar metabolism?  
(a) cortisone            (b)aldosterone  
(c) insuline            (d)glucagon
7. Which of the following known as master gland?  
(a)Adrenal gland            (b)Thyroid gland  
(c)Pituitary gland            (d)Pineal gland

*Kamta & Singh*

