

**Avinashilingam Institute for Home Science and Higher Education for Women  
[Deemed to be University] Coimbatore-641 043**

**Bachelor's Degree Examination – November 2018**

**III Semester**

**Class : II UG  
Major: Food Service Management &  
Dietetics**

**Time: 3 hours  
Max. Marks: 100**

**15BFDC08 Principles of Nutrition**

**Part-A**

**10 x 1=10**

**Choose the correct answer**

1. Benedicts oxy calorimeter is used for  
a) Determination of BMR  
b) Energy value of food  
c) Energy expenditure  
d) Respiratory quotient reading
2. One gram of fat requires \_\_\_\_\_ litres of O<sub>2</sub> for complete oxidation  
a) 0.8  
b) 0.9  
c) 1.5  
d) 2.2
3. The absorption of glucose is affected by the amount of \_\_\_\_\_ ions in the intestinal lumen.  
a) Sodium  
b) Calcium  
c) Potassium  
d) Ferrous
4. Intestinal parasites when extensively affected cause \_\_\_\_\_  
a) Diarrhoea  
b) Dysentery  
c) Vomiting  
d) Anaemia
5. Presence of goitrogens in \_\_\_\_\_ is significant  
a) Soyabeans  
b) Peaches  
c) Cassava  
d) Almonds
6. The drinking water should contain \_\_\_\_\_ ppm of fluoride  
a) 4  
b) 3  
c) 2  
d) 1
7. The biochemical relationship between selenium and \_\_\_\_\_ are said to be antioxidants  
a) Vitamin A  
b) Vitamin D  
c) Vitamin E  
d) Vitamin K
8. Bran contains most of the \_\_\_\_\_ in the rice grain  
a) Thiamine  
b) Riboflavin  
c) Niacin  
d) Pyridoxine
9. \_\_\_\_\_ is not a soluble fibre  
a) Pectin  
b) Gums  
c) Hemicellulose  
d) Cellulose
10. \_\_\_\_\_ constantly regulates electrolyte levels.  
a) Kidney  
b) Gastrointestinal tract  
c) Intestine  
d) Colon

