

F.Y. BSc. Nursing (2007 Course)

SUBJECT: NUTRITION AND BIOCHEMISTRY

Day:
Date:

Time:
Max Marks. 15

N.B. :

- 1) All questions are **COMPULSORY**.
- 2) Put a tick mark in appropriate box.
- 3) Use **BLACK/BLUE** ball pen only.
- 4) Section-I should be completed within 15 minutes.
- 5) Each question carry **ONE** mark.
- 6) Students will not be allotted marks if he/she overwrites strikes or put ink or cross marked.

Seat No. _____

Total Marks Obtained: _____

Jr. Supervisor's Signature. _____

Examiners Signature: _____

M C Q.

SECTION-I

- Q.1 The building blocks of proteins is _____
- a) Glucose
 - b) Fatty Acids
 - c) Amino acids
 - d) Peptides
- Q.2 Vitamin-E is important for _____
- a) Protecting cells
 - b) Vital tissues protection
 - c) Both a & b
 - d) Bone development
- Q.3 A method of cooking food over boiling water _____
- a) Braising
 - b) Steaming
 - c) Baking
 - d) Stewing
- Q.4 Rickets rosary is symptom of _____
- a) Vitamin D
 - b) Biotin
 - c) Protein
 - d) Fat

P.T.O.

- Q.5** 1 gram of carbohydrate yields _____ Calories
- a) 4 Calories
 - b) 2 Calories
 - c) 9 Calories
 - d) 5 Calories
- Q.6** Milk, cheese and yogurt are important for _____
- a) Strong bones
 - b) Teeth
 - c) Muscles
 - d) All of the above
- Q.7** Which to the following is not a component of dietary fiber?
- a) Cellulose
 - b) Pectin
 - c) Lignin
 - d) Agar
- Q.8** Fruits and vegetables are usually considered as good source of _____
- a) Proteins
 - b) Carbohydrates
 - c) Vitamins & Minerals
 - d) Saturated fats
- Q.9** All of the following are needed for strong bones except _____
- a) Calcium
 - b) Thiamin
 - c) Magnesium
 - d) Vitamin-D
- Q.10** All the following are nutrients found in food except
- a) Plasma
 - b) Proteins
 - c) Carbohydrates
 - d) Vitamins

Q.11 Deficiency of glucose -6 – phosphate dehydrogenase causes

- a) Cataract
- b) Hypoglycemia
- c) Hemolytic anemia
- d) Galactosemia

Q.12 Which of the following intermediates in the oxidation of odd chain fatty acids is likely to appear in the urine in vitamin B12 deficiency?

- a) Succinic acid
- b) Methylmalonic acid
- c) Propionic acid
- d) Butyric acid

Q.13 During denaturation of protein the following bonds are disrupted, except

- a) Hydrogen
- b) Hydrophobic
- c) Peptide
- d) Sulfide

Q.14 Earliest marker of myocardial infarction is

- a) Creatine Kinase-1
- b) Creatine Kinase-2
- c) Creatine Kinase-3
- d) Aspartate transaminase

Q.15 Enzyme inhibition caused by a substance resembling substrate molecule is

- a) Competitive inhibition
- b) Non competitive inhibition
- c) Feedback inhibition
- d) Allosteric inhibition

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