

Q of final exam in 1425 – 1426 h (P. 2)

PART I\ One Best Response

- 1- Which of the following coenzymes is required for succinyl Co-A :
a. 5'Deoxyadenosyl cobalamin ✓
b. Pyridoxal phosphate
c. Tetrahydrofolate
d. Thiamine pyrophosphate
e. Biotin
- 2- Which one of the following vitamins is required for enzyme catalyze reactions :
a. Vitamin B1
b. Folic acid
c. Vitamin B6 ✓
d. Biotin
e. Vitamin B12
- 3- Which one of the following vitamins is a component of succinyl Co-A :
a. Riboflavin
b. Thiamine
c. Biotin
d. Pantothenic acid ✓
e. Vit. A
- 4- Dicumarol is an antagonist of :
a. Vit. A
b. Vit. C
c. Vit. D
d. Vit. E
e. Vit. K ✓
- 5- A negative nitrogen balance is observed in :
a. Pregnancy
b. Recovery from emaciating illness
c. Childhood
d. Muscular exercise
e. Trauma ✓

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- 6- Which one of the following vitamins is required in the hydroxylation of collagen :
- Vit. A
 - Vit. C ✓
 - Vit. B12
 - Biotin
 - Vit. D
- 7- Which of the following statements about niacin is INCORRECT :
- At a dose of 1.5 g/day, it inhibits lipolysis & causes hypolipoproteinemia
 - One mg of nicotinic acid is formed from metabolism of 60 mg of Tryptophan
 - It's coenzyme is important for the decarboxylation reaction ✓
 - It's deficiency leads to dermatitis, dementia & diarrhea
 - It is a pyridine substituted derivative
- 8- Which one of the following enzymes requires thiamine pyrophosphate :
- Transaldolase
 - Transketolase ✓
 - Transaminase
 - Glycogen phosphorylase
 - Acetyl Co-A carboxylase
- 9- Megaloblastic anemia may be due to deficiency of :
- Thiamine
 - Pantothenic acid
 - Niacin
 - Vit. C
 - Folic acid ✓
- 10- All the following about vit. A are correct, EXCEPT :
- Vit. A is essential for normal differentiation of epithelial
 - Retinol ester are stored in liver
 - Retinal can NOT be formed from retinoic acid
 - Retinoic acid is essential for normal reproduction ✓
 - Vit. A is a component of visual pigment of Rod & Cone cells
- 11- Regarding CSF examination, all statements are correct, EXCEPT :
- The main origin of CSF Ca is from protein bound plasma Ca ✓
 - Xanthochromia indicates previous subarachnoid hemorrhage
 - Glucose level decreases in acute bacterial meningitis
 - Protein levels increase in acute bacterial meningitis
 - Proteins are mostly albumin



PART II\ True & False

- 1- Biotin is a Coenzyme in the carboxylation reactions. T
- 2- Vit. C rich diet reduces the risk for certain cancer. T

PART III\ STEM

1- Riboflavin deficiency produces :

- a. Glossitis T
- b. Dermatitis T
- c. Chelosis T
- d. Dementia F

2- Regarding urine analysis :

- a. Fructosuria might be due ...
- b. Porphyrias might be associated ...
- c. Albuminuria is associated with ...
- d. Alkaline urine might be due in urinary...

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... ولا تنسونا من دعائكم ...

أبو عمر

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