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BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – B.Sc.(PA)-2022

Course Name – Hematology & Clinical Biochemistry

Course Code - BPAC203

(Semester II)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Choose the right option. Following is the pyrimidin base.
- | | |
|------------|------------|
| a) Adenine | b) Guanine |
| c) uracil | d) CoA |
- (ii) Identify the correct statement regarding Holoenzyme -
- | | |
|--------------------|-----------------|
| a) Functional unit | b) Apo enzyme |
| c) Coenzyme | d) All of these |
- (iii) Indicate the dietary sources of Preformed Vitamin -
- | | |
|------------------------|---------------------------|
| a) Milk, fat and liver | b) all yellow vegetables |
| c) all yellow fruits | d) leafy green vegetables |
- (iv) Predict the correct deficiency symptoms of Vitamin A -
- | | |
|-------------------------|-------------------------|
| a) Xerophthalmia | b) Hypo prothrombinemia |
| c) Megaloblastic anemia | d) Pernicious anemia . |
- (v) Report the most potent Vitamin D metabolite out of the following options-
- | | |
|------------------------------------|----------------------------------|
| a) 25-Hydroxycholecalciferol | b) 1,25-Dihydroxycholecalciferol |
| c) 24, 25-Dihydroxycholecalciferol | d) 7-Dehydrocholesterol .CO3K |
- (vi) Select the correct option.The following is produced with the combination of apoenzyme and coenzyme:
- | | |
|---------------------|-----------------------------|
| a) Holoenzyme | b) Enzyme substrate complex |
| c) Prosthetic group | d) Enzyme product complex |
- (vii) Indicate the correct one.The only IG to be able to cross the placental barrier is:
- | | |
|--------|--------|
| a) IgA | b) IgD |
| c) IgG | d) IgE |

