

Note : Answer on .

Q1/ fill out these blanks. (15 marks).

- 1- The ME value of a food is determined in a feeding trial similar to a digestibility trial but -----, -----, ----- are collected.
- 2- Excess copper is excreted primarily in the -----, in genetic disorder called -----
---- this excretion is impaired, which can produce copper toxicity.
- 3- Selenium is stored primarily bound to the amino acid -----
-----.
- 4- Chromium accumulates as well as in -----, -----, -----
and excretion via -----.
- 5- -----, -----, ----- are dependent on their diet for a
vitamin to a much greater degree than ruminant .
- 6- The general function of vit D is to -----
-----.
- 7- The major function of vit K is in -----.

Q2/ answer these question. (15 marks).

- 1- Enumerate the function of vit A in animal.
- 2- Explain with drawing the iron cycle in body.
- 3- Define these diseases. (Choose 3) .Goiter, Wilson, WM, MMA.

Good Luck

**Exminer **

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