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**A**/ Define the digestion, and absorption. **(15)**

**B**/ Write the parts of the digestive system and the function of the liver and pancreas. **(20)**

**Q2:-**

**A**/. Write the cause of these questions. **(20)**

1. Why corn is the main component in the poultry diet?
2. Using of barley in the poultry diet is limited, why?
3. Why Soybean meal is the most important plant protein used in poultry feeds?

**B**/. What are the factors that have an effect on the nutritional value of plant sources for proteins?  **(15)**

**Q3:-**

 If corn contains 8% crude protein and 3350 kcal/kg ME with a price of 250 $. Also, Soybean meal contains 48 % crude protein and 2250 kcal/kg ME with a price of 450 $. Evaluate the relative value of wheat and wheat bran if you know: The wheat contains 12% crude protein and 3200 kcal/kg ME with a price of 310 $. The wheat bran contains 16% crude protein and 1500 kcal/kg ME with a price of 180 $. **(30)**

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