Chemistry of n
(CO 10)

Student's Name

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CHEM 120

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Date Submitted

Chemical digestion

- Chemical digestion “involves the catalytic proc
  food in the gastrointestinal (GI) tract by digest
  enzymes, aided by co-secreted substances, req
  break down the food substances into simpler m
  for absorption”(Welcome, 2018).
- Large food molecules i.e. nucleic acids, carboh
  and proteins must be broken down to small mo
  that can be of great help in providing the body
  energy and improving the body system.
- Enzymes make this possible through hydrolysis.

Nucleic acids

- DNA and RNA are synthesized and degraded. Nucleic ac
  Nucleotide synthesis is an anabolic mechanism having t
  phosphate, a pentose sugar, and a nitrogenous base.
- COMPOSITION: has a series of building blocks called nu
  having a nitrogen-containing aromatic base attached to
  sugar connected to a phosphate group.
- Relating with nutrition, dietary acids occur in the form
- The break-down of these compounds involve complex c
  body.
- Nucleic acids undergo partial hydrolysis in the stomach
  pancreatic nucleases and phosphoestereases to yield n
- Under these circumstances, the supply od nucleic acids
  deemed necessary and could be beneficial in maintaini
  functions