DNA and DNA Replication

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|  |  |  |  |  |  |  R |  |  |  |  |  |  |  |  |  | 3P |  |  |  |
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|  |  |  |  |  |  |  G |  |  | 4N |  |  | 5D |  |  |  |  O |  |  |  |
|  |  |  | 6H |  |  |  E |  | 7P |  U |  R |  I |  N |  E |  | 8S |  T |  A |  H |  L |
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|  |  |  |  | 12D |  E |  O |  X |  Y |  R |  I |  B |  O |  S |  E |  |  |  |  |  |
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|  |  |  | 13H |  Y |  D |  R |  O |  G |  E |  N |  |  |  |  |  |  |  |  |  |
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| **Across****2.** This strand contains the DNA that is NOT a template**7.** There are 2 types of bases, pyrimidine and ......**8.** Mesellson worked with ..... to prove the semi-conservative model**9.** A full .......... contains a sugar, phosphate group and a nitrogenous base**10.** There are 2 theories about DNA Replication: ............ and semi-............**12.** What sugar is present in DNA?**13.** These bonds hold Adenine and Thymine together | **Down****1.** ........... bases are part of DNA**3.** What is a DNA Extron used for?**4.** DNA Replication takes place in the ......**5.** This enzyme "glues" the DNA monomers together**6.** Mesellson and his partner proved their theory with this.**11.** How many bonds hold Cytosine and Guanine together? |