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**19/mhs02/027**

**Nursing**

**BIO 102**

**DIFFERENCES BETWEEN PHYLUM PORIFERA AND PHYLUM PLATYHELMINTHES.**

* **PHYLUM PORIFERA:**

**They are also called sponges.**

1. **They are mainly marine or aquatic animals.**
2. **They have porous body.**
3. **They have cellular level of organization.**
4. **They are diplobatic.**
5. **They are asymmetrical.**
6. **They have canal systems.**
7. **They reproduce by budding in asexual reproduction.**
8. **They have special cells called choanocytes.**
9. **Their skeleton is in the form of spiculus.**
10. **An example is sycon.**

* **PHYLUM PLATYHELMINTHES**

**They are called flat worms.**

1. **They are mostly endoparasites.**
2. **Their bodies are dorso-ventrally flattened and are without true segment.**
3. **They show the first appearance of organisms.**
4. **They are triploblastic.**
5. **They have bilateral symmetry.**
6. **They are acoelomate.**
7. **Their opening is served by the anus and mouth.**
8. **They have special cell or cnidoblasts.**
9. **It poses tentacles called nematoblasts.**
10. **Examples are: hydra and jellyfish.**