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| What are the adaptations of gas exchange?                     | Alveoli has good surface area to volume ratio for efficient diffusion.                                                          |
| What are the advantages of an endo-skeleton?                  | Strong, light, flexible, can adapt as the muscles grow.                                                                         |
| What are the different features of a human bone?              | Porous inside, has blood supply, very strong but light, has slippery caps on each end (cartilage).                              |
| What are the different types of enzymes that break down food? | Lipase (fats), protease (proteins), carbohydrase (carbohydrates), amylase (sugars).                                             |
| What are the lubricants/ shock absorbers of the joint?        | Cartilage (stops bone rubbing on bone), synovial fluid (shock absorber), synovial membrane (stops synovial fluid from leaking). |
| What are the types of fertility treatments?                   | IVF, artificial insemination.                                                                                                   |
| What are the types of joint?                                  | Hinge, pivot, swivel, fixed.                                                                                                    |
| What does FSH hormone do?                                     | It causes the egg in the ovary to mature and then trigger the ovary to release oestrogen hormone.                               |
| What does it turn into?                                       | Calcium and prosperous.                                                                                                         |
| What does LH hormone do?                                      | Causes the now mature egg to be released from the ovary.                                                                        |