Chapter 33 Review Guide

**Quiz One- April 18 or 19**

* **Know the answers to the following questions. Use notes and handouts to help.**
* **Be able to put events in order.**
* **Be able to match structures with functions.**
* **Know vocabulary terms and relevance to the process of Human Reproduction**

**Objectives**

**33.1 Reproductive organs produce and transport gametes.**

*What are the key structures and functions of the male and female reproductive systems?*

*Compare and contrast egg cell and sperm cell development.*

**33.2 Hormones regulate the reproductive system.**

*What is the role of hormones in the ovarian and menstrual cycles?*

*How do hormones regulate the testes?*

**33.3 Fertilization occurs in the oviduct.**

*What are the steps in the process of fertilization?*

*What are the steps of human development from a zygote to an embryo?*

*How can fertilization result in twins?*

**33.4 Embryonic and fetal development occurs in the uterus.**

*What is the order of events from fertilization to fetus during development?*

*What are the phases of development after birth?*

**Sequencing Events**

*The following statements describe events that are part of human development before birth. The events are not in the correct sequence. On the line provided, indicate the correct sequence of the events by writing the letters of the events in the correct sequence (FAD for example)*

1. The fetus has a human shape.
2. The body is covered with fine hair.
3. The zygote divides by mitosis.
4. The fetus moves around inside the uterus.
5. The embryo is 1 cm long and has a head.
6. Contractions in the uterus push the baby out of the mother’s body.

**Early Development**

| **word list** | **Proper Order** | **Description and Timing** |
| --- | --- | --- |
| zygote | 1 |  |
| blastocyst | 2 |  |
| cleavage | 3 |  |
| fertilization | 4 |  |
| implantation | 5 |  |
| gastrulation | 6 |  |
| Embryo | 7 |  |

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Classifying Stages

*State whether the following characteristics are shown in* ***infancy, childhood, adolescence, adulthood, or old age.***

*Record answer on the line next to the characteristic.*

1. Learn to walk and talk. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Transition from childhood to adulthood. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. All body systems are fully developed. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Rapid physical growth. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Puberty occurs. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Able to cry, grasp objects and hear. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Sleeps about 16 hours per day. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**What does it mean to study?**

Studying is an active process- simply rereading your notes or the textbook is not active enough

1. Use the study guide
   1. fill out the study guide using your notes, textbook, handouts, and any quizzes that lead to the test
   2. make a copy of the original study guide. fill out this copy using your memory. Highlight parts you didn't know from memory
   3. practice what you didn't know and finish the second guide. repeat until you can complete a copy of the guide from memory.
   4. make another copy of the original study guide. print it out and cut each question into separate strips. put the strips into a box or basket.
   5. shuffle the box, pick a question and test yourself. if needed, have the answers on the back or on an answer key. ask a peer or adult to quiz you.
2. Try one of the following, something that has worked for you in the past.
   1. rewrite notes
   2. make flashcards of vocabulary words or important concepts
   3. use the study guide tips above
   4. quiz yourself
   5. study with a group- teach someone a topic
   6. do practice questions or practice problems from homework, classwork, or HMH
3. Choose something that works for your learning style

| **See it** | **Hear it** | **Say it** | **Do it** |
| --- | --- | --- | --- |
| charts  photos  timeline  graphs  pictures  website  mind map | watch videos  class discussions  podcasts  different teacher- online videos | teach a peer  study in groups  review sessions | giant sticky notes  create a textbook page about the topic  flash cards  songs  study guides  make your own test  use textbook/hw questions |