Human Reproductive System Unit Review Worksheet

Directions: Treat this like a test and answer as much as you can without ANY help. See how much you actually know by highlighting/starring what you don’t (yes, you have to do this and I will be looking for it). Find the answers to what you don’t know. Spend most your time reviewing what is highlighted/starred.

1. Label the diagram below.

   ![Diagram of Female Reproductive Organs](image1)
   ![Diagram of Male Reproductive Organs](image2)

   A. ____________________________  F. ____________________________
   B. ____________________________  G. ____________________________
   C. ____________________________  H. ____________________________
   D. ____________________________  I. ____________________________
   E. ____________________________  J. ____________________________

2. List the male parts, in order, for which sperm and semen are produced and released.

   ___________ → ___________ → ___________ → ___________ → ___________

3. List the female parts, in order, for which an egg/ovum is created and released.

   ___________ → ___________ → ___________ → ___________ → ___________

4. A. What two hormones trigger sexual maturity? ___________ & ___________

   B. What is another term for sexual maturity? ____________________________

   C. When would a boy reach sexual maturity? ____________________________

   D. When would a girl reach sexual maturity? ____________________________

5. When sperm fertilizes an egg, what is the result? ________________________

6. In males, what 2 things does the hormone testosterone influence (or do)?

   ___________________________________  ___________________________________
7. In females, what 3 things does the hormone estrogen do?
___________________________  ________________________  _______________________

8. True / False (circle one and explain your answer): Brother and sister can be identical twins.
___________________________________________________________________________________________
___________________________________________________________________________________________

9. Compare and contrast: Identical vs. Fraternal twins

10. Explain what is happening in the diagram below. Also, label each with the correct process.

   Explanation:

11. Label the parts of the sperm cell below

   A. Which part contains digestive enzymes which allow it to get through the egg’s membrane?

   B. Which part allows the sperm to be mobile, helping it to reach the egg?
12. **Label AND describe** the 3 phases of the menstrual cycle on the diagram below.

13. Describe the role of the corpus luteum: _________________________________________________________

14. Put the following terms in order, according to fetal development: fetus, blastocyst, embryo, gastrula, zygote

   ___________________ → ___________________ → ___________________ → ___________________ → ___________________

For the next 9 questions, use the numbers 1, 2, or 3 to label the description as taking place in either the first, second, or third trimester of fetal development (respectively).

15. _______ Heart begins to beat.

16. _______ Embryo is considered a fetus.

17. _______ Lungs are fully developed.

18. _______ Fetus breathes amniotic fluid to help develop lungs.

19. _______ Bones harden.

20. _______ Fetus turns upside down (head down).

21. _______ Fetus has more regular sleep cycles.

22. _______ Sex organs can show gender of fetus.

23. _______ Fine body hair a waxy substance help protect the fetus’s skin.

24. How are the following terms related: placenta, umbilical cord, amniotic sac

   _________________________________________________________

   _________________________________________________________

   _________________________________________________________

25. Which structure in development is composed of embryonic stem cells? ________________________________

26. At which stage in development would determination occur? (between which 2 structures)

   _________________________________________________________
27. Fill in the chart for the STDs below:

<table>
<thead>
<tr>
<th>STD</th>
<th>Virus or Bacteria</th>
<th>Transmission</th>
<th>Symptoms?</th>
<th>Treatment or cure?</th>
<th>Prevent w/ vaccine? Y or N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Gonorrhea</td>
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<tr>
<td>HPV</td>
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</tr>
<tr>
<td>Syphilis</td>
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</tr>
</tbody>
</table>

28. What is the only form of 100% safe sex? ____________________________________________

29. Which form of contraception helps to reduce the risk of contracting an STD AND helps to protect against pregnancy? ____________________________________________

30. List the following methods of birth control (or contraception) in order, from least effective to most effective:

   Withdrawal, Male Condom, Shot/Depo-Provera, Pill, Female Condom, IUD, Spermicide

   ____________________________________________

31. Many times people say that you must protect yourself both physically and emotionally when it comes to sex.

   Why might this be said?
   ____________________________________________
   ____________________________________________
   ____________________________________________