D3.1 Reproduction (HL)

What the Cell · DP Biology · note-taking sheet · HL statements D3.1.13–20

Name _____ **Date** _____

How to use this sheet: go through the slides and videos with it, then close them and write from memory. Use your own words and add page numbers from the book (pp. 709–725) where you want more detail.

Guiding questions. What does sexual or asexual reproduction show about change and continuity? How must organisms change in order to reproduce?

D3.1.13–14 Puberty and gametogenesis

Hormones that start puberty. Flow charts of spermatogenesis and oogenesis, side by side.

D3.1.15–16 Fertilization and implantation

Acrosome reaction, cortical reaction. Blastocyst and implantation.

D3.1.17–18 Pregnancy tests and the placenta

How the test strip works. What crosses the placenta, in each direction.

D3.1.19–20 Hormones of pregnancy; HRT

Sources of progesterone through pregnancy. Positive feedback in birth. Why early HRT studies misled.

Before you finish

Tick the ones you can explain without notes. Circle anything to ask about.

- ☐ GnRH, LH, FSH
- ☐ Spermatogenesis
- ☐ Oogenesis
- ☐ Polyspermy
- ☐ Blastocyst
- ☐ hCG test
- ☐ Placenta
- ☐ Progesterone
- ☐ Oxytocin
- ☐ HRT evidence