

What is the process of combining a sperm and an egg called

- A. Ovulation
- B. Implantation
- C. Conception
- D. Fertilization

Answer: D. Fertilization

Where does fertilization typically occur in the female reproductive system

- A. ovary
- B. cervix
- C. vagina
- D. fallopian tube

Answer: D. fallopian tube

How long does it take for a sperm to fertilize an egg after ejaculation

- A. 1 week
- B. 1 hour
- C. 1 minute
- D. 24 hours

Answer: D. 24 hours

What is the name of the outer layer of the egg that must be penetrated by the sperm

- A. Yolk

- B. Albumen
- C. Membrane
- D. Eggshell

Answer: D. Eggshell

What is the term for the resulting single cell that forms after fertilization

- A. Fetus
- B. Gamete
- C. Embryo
- D. Zygote

Answer: D. Zygote

How many chromosomes does a human sperm cell contain

- A. 46
- B. 23
- C. 24
- D. 22

Answer: B. 23

How many chromosomes does a human egg cell contain

- A. 24
- B. 46
- C. 22
- D. 23

Answer: D. 23

What is the name of the structure that forms from the fertilized egg as it begins to divide?

- A. Embryo
- B. Zygote
- C. Blastocyst
- D. Placenta

Answer: C. Blastocyst

What is the process called when the fertilized egg implants itself into the lining of the uterus?

- A. Ovulation
- B. Fertilization
- C. Implantation
- D. Conception

Answer: C. Implantation

What hormone is responsible for maintaining the uterine lining during pregnancy?

- A. Cortisol
- B. Progesterone
- C. Estrogen
- D. Testosterone

Answer: B. Progesterone

What is the term for a fertilized egg that has successfully implanted in the uterus

- A. Placenta
- B. Fetus
- C. Zygote
- D. Embryo

Answer: D. Embryo

How long does it typically take for a fertilized egg to travel from the fallopian tube to

- A. 1-2 days
- B. 2-3 days
- C. 5-7 days
- D. 3-4 days

Answer: C. 5-7 days

What is the term for the process of the sperm breaking through the outer layer of the

- A. Fertilization
- B. Ovulation
- C. Implantation
- D. Menstruation

Answer: A. Fertilization

What is the name of the fluid-filled sac that surrounds and protects the developing e

- A. Embryonic sac

- B. Amniotic sac
- C. Fetal sac
- D. Umbilical sac

Answer: B. Amniotic sac

What is the term for the process of a sperm binding to the outer layer of the egg

- A. Fertilization
- B. Implantation
- C. Ovulation
- D. Conception

Answer: A. Fertilization

What is the term for the fusion of the genetic material from the sperm and egg

- A. Fertilization
- B. Conception
- C. Ovulation
- D. Implantation

Answer: A. Fertilization

What is the name of the hormone released by the embryo after implantation that is d

- A. hCG
- B. Progesterone
- C. Testosterone
- D. Estrogen

Answer: A. hCG

How many days after fertilization does the embryo typically implant in the uterus

- A. 6-10 days
- B. 1-3 days
- C. 30-40 days
- D. 14-20 days

Answer: A. 6-10 days

What is the term for a pregnancy in which the embryo implants outside of the uterus

- A. Normal pregnancy
- B. Internal pregnancy
- C. Uterine pregnancy
- D. Ectopic pregnancy

Answer: D. Ectopic pregnancy

How long does the process of fertilization typically take from start to finish

- A. 6 hours
- B. 24 hours
- C. 1 week
- D. 1 month

Answer: B. 24 hours

