

Fertility and Infertility Treatment Knowledge Score

1) What is your sex?

Male

Female

2) What is your age?

18-25

26-30

31-35

36-40

41-45

3) What is your current level of training?

Year 1

Year 2

Year 3

Year 4

Year 5

Year 6

Prefer not to say

4) What is your specialty?

Anesthesiology

Dermatology

Emergency Medicine

Family Medicine

Internal Medicine

Neurology

Neurosurgery

Obstetrics and Gynecology

Ophthalmology

OMFS

Orthopedic surgery

Otorhinolaryngology

Pathology

PMR

Plastic surgery

Psychiatry

Radiology

Surgery

Urology

Vascular Surgery

The following questions relate to natural fertility:

Correct answers are highlighted and starred*

1) At what age are women most fertile?

- 12-19
- 20-29*
- 30-39
- 40-49

2) Over which age range does a woman's ability to get pregnant decline most precipitously?

- 25-29
- 30-34
- 35-39*
- 40-45

3) Over the course of 1 month, what is the percent chance that a 30yo woman who is trying to get pregnant will get pregnant?

- 10%
- 20%*
- 30%
- 40%

4) Over the course of 1 month, what is the percent chance that a 40yo woman who is trying to get pregnant will get pregnant?

- ≤5%*
- 6-10%
- 11-15%
- 16-20%

5) On average, for a woman in her peak reproductive years, what is the percent chance that a pregnancy (recognized or unrecognized) will end in a miscarriage?

does this include stillbirths? 2017 Ghana maternal health survey says 15.6%

- ≤5%
- 6-14%
- 15-25%*
- 26-35%

6) A woman and a man can both contribute to a couple's infertility:

- True*
- False

7) A man's age is a factor that affects a couple's fertility:

- True*
- False

8) Having less than 9 periods in a year can be normal for some women and doesn't require any further evaluation:

- True
- False*

9) What is the average survival time of normal sperm in the female reproductive tract?

- 12-24 hours
- 24-48 hours
- 3-5 days*
- 6-9 days

10) When is the optimal time to have sexual intercourse in order to get pregnant?

- Right before the period starts
- First few days of the period
- About halfway through the cycle*
- It doesn't matter

11) Where does fertilization most commonly occur?

- In the uterus

- Inside the ovaries
- On the surface of the ovaries
- In the Fallopian tubes*

12) How many eggs are typically released per cycle?

- 1*
- 2
- 3
- 4

The following are likely to decrease a woman's chance of fertility:

	True	False
13) Smoking.....	<input checked="" type="checkbox"/> *	<input type="checkbox"/>
14) Occasional caffeine intake.....	<input type="checkbox"/>	<input checked="" type="checkbox"/> *
15) Moderate alcohol consumption.....	<input type="checkbox"/>	<input checked="" type="checkbox"/> *
16) Safely-conducted pregnancy termination	<input type="checkbox"/>	<input checked="" type="checkbox"/> *
17) Obesity.....	<input checked="" type="checkbox"/> *	<input type="checkbox"/>
18) Gonorrhoea or Chlamydia infection.....	<input checked="" type="checkbox"/> *	<input type="checkbox"/>
19) Prior use of oral contraceptive pills.....	<input type="checkbox"/>	<input checked="" type="checkbox"/> *
20) Being underweight due to frequent exercise or limited caloric intake.....	<input checked="" type="checkbox"/> *	<input type="checkbox"/>
21) Using certain types of sexual lubricants.....	<input checked="" type="checkbox"/> *	<input type="checkbox"/>

The remainder of questions relate to infertility treatment:

22) In vitro fertilization (IVF) refers to an infertility treatment in which:

A thin catheter is used to deposit a man's sperm past the cervix directly into the uterus

A man's sperm and a woman's egg are combined inside a laboratory and the resulting embryo is transferred into the uterus*

When a woman carries a pregnancy for another couple who cannot get pregnant

Surgery is performed to harvest sperm from the man

The following 3 questions refer to the most recent national statistics published in Ghana. When data specific to Ghana was unavailable, the statistics refer to those published by the Centers for Disease Control & Prevention and the Society for Assisted Reproductive Technology in the United States

23) For a woman under 35 years old, undergoing IVF with her own eggs, what is the pregnancy rate per cycle?

$\leq 5\%$

6-20%

21-40%

41-60%*

$\geq 60\%$

24) For a woman over 44 years old, undergoing IVF with her own eggs, what is the pregnancy rate per cycle?

$\leq 5\%*$

6-20%

21-40%

41-60%

$\geq 60\%$

25). In women who are undergoing IVF, what is the percent of pregnancies that result in twins?

$\leq 5\%$

6-20%

21-35%*

36-45%

26) What is the average cost of an IVF cycle in Ghana?

\$5,000

\$12,000*

\$20,000

\$50,000

27) Intrauterine insemination (IUI) refers to a treatment in which:

A thin catheter is used to deposit a man's sperm past the cervix directly into the uterus*

A man's sperm and a woman's egg are combined inside a laboratory and the resulting embryo is transferred into the uterus

Sperm are deposited directly into the vagina ("turkey baster")

Surgery is performed to harvest sperm from the man

28) Egg cryopreservation (freezing) refers to an infertility treatment in which:

A single sperm is injected into an egg to preserve the egg's integrity

A man's sperm and woman's egg are combined inside a laboratory and then frozen

Strips of ovarian tissue are surgically removed and frozen

Eggs are frozen following ovarian stimulation and egg retrieval*

29) As per the largest published studies, when using frozen eggs from women less than 37 years old, what is the live birth rate per thawed egg?

≤10%*

11-15%

16-20%

21-25%

34) Are you concerned about your own future fertility?

Yes

No

35) Do you ever discuss fertility with your patients?

Yes

No

36) Do you feel comfortable answering patient's questions about fertility?

Yes

No

37) Do you currently have any children?

Yes

No

38) What is your desired number of children?

Fill in the blank

39) What is your ideal age to have children?

Fill in the blank

40) What would you do if you and your partner were not able to get pregnant?

Undergo fertility medications

Undergo IVF

Adoption

Choose not to have children