

**AQA, OCR, Edexcel**

# GCSE Science

## GCSE Biology

### Infertility Answers

Name:

**M M E**

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Total Marks: /19

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Q1: Explain how giving artificial FSH can aid fertility?

A= Stimulates eggs maturing

(1 mark)

Q2: What is IVF?

A= In vitro Fertilisation

(1 mark)

Q3: Explain how IVF is carried out.

A= 1 mark for continuous prose and any 5 of the following:

- Give female FSH to mature eggs
- Give female LH to ovulate
- Eggs collected
- Fertilised outside the body
- Develop into embryos
- Embryos replace into mothers uterus

(6 marks)

Q4: Explain the common causes of infertility.

A= Accept any 3 of the following:

- Age
- Obesity
- Anorexia
- Lack of hormones
- Damage to either male/female reproductive system

(3 marks)

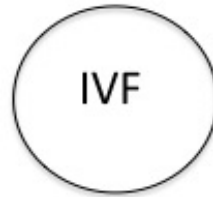
Q5: Discuss the changes in IVF success rates, as the patients get older.

A= Older the patient gets less chance of success

(1 mark)

Q6: Multiple births are more likely to occur with which type of conception? Circle one.

Natural



(1 mark)

Q7: Explain how eggs harvested during IVF can be used at a later date.

A= Frozen

(1 mark)

Q8: Discuss the emotional impact infertility and IVF can have on patients.

A= Accept any 2 of the following:

- Stressful
- Emotional
- Physical stress
- Strain on relationships

(2 marks)

Q9: Some people disagree with offering IVF to patients over the age of 40. Discuss the reasons why.

A= Accept any 3 of the following:

- Body not in optimum condition
- Less successful
- Less likely to see child grow up
- Reduce NHS costs
- Less healthy eggs
- Chromosome abnormalities more likely

(3 marks)