

# Human Reproduction Practice Exam Questions

01

**Figure 1** shows a sperm cell.

**Figure 1**



01.1

Name the part of the sperm cell that allows it to move towards an egg cell.

[1 mark]

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01.2

Name the part of the sperm cell that contains genetic information.

[1 mark]

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01.3

Explain how the midpiece is adapted to support the function of the sperm cell.

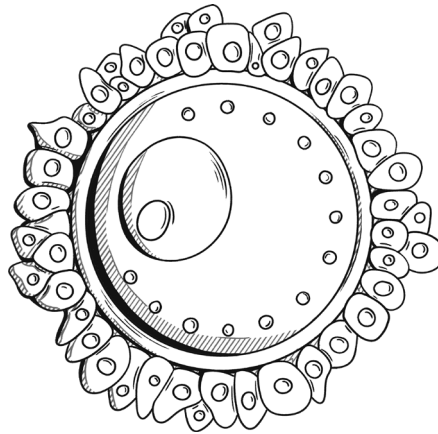
[2 marks]

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0 1 . 4 **Figure 2** shows an egg cell.

**Figure 2**



Explain how the egg cell is adapted to its function.

[4 marks]

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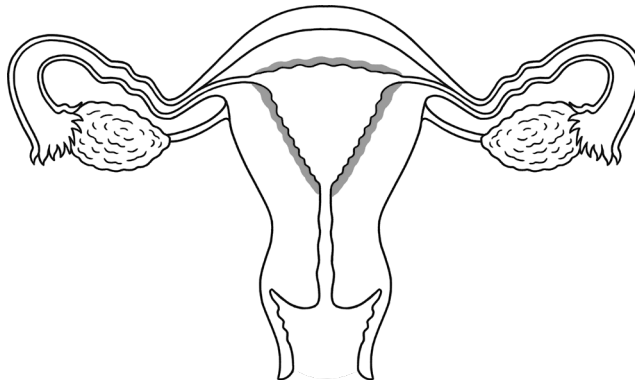
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0 2

**Figure 3** shows the female reproductive system.**Figure 3**

0 2

. 1

Name the part of the female reproductive system where egg cells are produced.

[1 mark]

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0 2

. 2

Name the part of the female reproductive system where the foetus develops during pregnancy.

[1 mark]

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0 2

. 3

Describe the function of the cervix in the female reproductive system.

[1 mark]

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0 2

. 4

Explain the importance of the changes that occur in the female reproductive system during the menstrual cycle.

[4 marks]

You should include the approximate day that each of the changes takes place in your answer.

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03

**Table 1** shows the ages at which ten people started puberty.**Table 1**

Males	Females
12	8
11	11
9	14
14	10
14	12

03

. 1

Calculate the mean age at which the males started puberty.

[1 mark]

\_\_\_\_\_

mean = \_\_\_\_\_

03

. 2

Give **two** differences between the ages at which puberty started in males and females.

[2 marks]

1. \_\_\_\_\_
- \_\_\_\_\_
2. \_\_\_\_\_
- \_\_\_\_\_

03

. 3

During puberty, males start to produce sperm cells.  
Explain the importance of males producing sperm cells.

[2 marks]

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03

. 4

Explain how the physical changes that take place in females during puberty prepare the female body to produce offspring.

[6 marks]

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