**Name: ………………………………………………………………….. Date ……………………………….**

**R018: End of learning outcome test**

**Mark out of 20**

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| --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **1.** | ∗ Explain how the two factors, **finance** and **age**, can affect a couple’s decision to have children.                            **[6]** | | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **2(a).** | Hardeep and Gemma have been married for 3 years. They have decided that they would like to start a family. Up until now Gemma has been having a contraceptive injection to prevent pregnancy.  The picture below shows the menstrual cycle.  C:\core\files\questions\1546474613\J818-QP-R018-01-Jun17\img\Pg02_Q_01_150.png  During which part of the menstrual cycle is Gemma most likely to become pregnant?  Tick the appropriate box in the table below.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | **Part of the menstrual cycle** | **Tick ✓ one only** |  |  | |  | Days 1 – 11 |  |  |  | |  | Days 12 – 16 |  |  |  | |  | Days 17 – 28 |  |  |  |  |  | | --- | | **[1]** | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **(b).** | Gemma’s twins could be identical or non-identical.  Explain how identical and non-identical twins are formed at fertilisation.   |  |  | | --- | --- | | Identical: |  |  |  |  | | --- | --- | |  |  |  |  |  | | --- | --- | |  |  |  |  |  | | --- | --- | |  |  |  |  |  | | --- | --- | | Non-identical: |  |  |  |  | | --- | --- | |  |  |  |  |  | | --- | --- | |  |  |  |  |  | | --- | --- | |  |  |  |  | | --- | | **[4]** | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **(c).** | Identify **three** signs or symptoms of pregnancy that Gemma should look out for.   |  |  | | --- | --- | | 1 |  | | 2 |  | | 3 |  |  |  | | --- | | **[3]** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **(d).** | Gemma is now pregnant and thinks she might be expecting twins. Give **one** reason why Gemma may be expecting twins.  **[1]** | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **3.** | Describe how the lining of the uterus changes during the menstrual cycle.      **[2]** | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **4.** | Nadia has decided she does not want to have another baby for a couple of years. Her GP advises that she could start taking the combined contraceptive pill to avoid a further pregnancy.  Nadia’s friend suggests she should try the contraceptive patch.  Describe how the contraceptive patch works.          **[2]** | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **5.** | How long after conception does the embryo become a foetus?  **[1]** | | |

**END OF QUESTION paper**