**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]**  |

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| **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.pngDuring 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 |   |   |   |

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| **[1]** |

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| **(b).** | Gemma’s twins could be identical or non-identical.Explain how identical and non-identical twins are formed at fertilisation.

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| Identical: |   |

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| Non-identical: |   |

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| **[4]** |

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| **(c).** | Identify **three** signs or symptoms of pregnancy that Gemma should look out for.

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| **[3]** |

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| **(d).** | Gemma is now pregnant and thinks she might be expecting twins.Give **one** reason why Gemma may be expecting twins.**[1]**  |

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| **3.** | Describe how the lining of the uterus changes during the menstrual cycle.  **[2]**  |

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| **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]**  |

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| **5.** | How long after conception does the embryo become a foetus?**[1]**  |

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**END OF QUESTION paper**