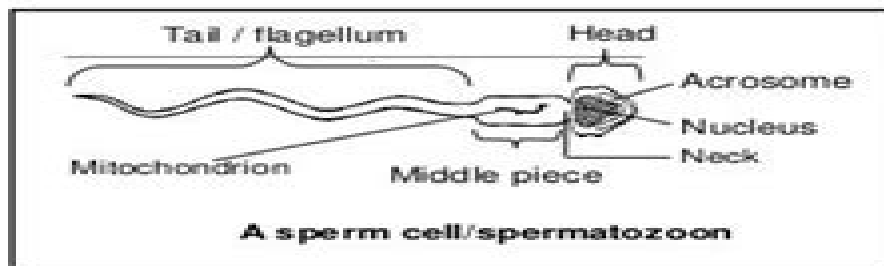


QUESTION 3

- 3.1 3.1.1 C - Endometrium✓/placenta /uterus/uterine wall/myometrium
D - Ovary✓ (2)
- 3.1.2 1 - Ovulation✓
2 - Fertilisation✓
3 - Mitosis✓/ cell division/growth/cleavage (3)
- 3.1.3 (a) 23✓ (1)
(b) 46✓/23 pairs (1)

3.1.4



Caption: 1 mark

Label: any 4 correct labels: 4 marks

- 3.1.5 Shock absorber✓/prevents physical or mechanical damage
Protects the foetus from drying out✓
Insulates the foetus against temperature fluctuations✓
Allows foetal movement for growth and development✓
(Mark first TWO only) any (2)
- 3.1.6 (a) Oxygen✓
(Dissolved) food✓ (examples e.g. glucose, amino acids, water)
Antibodies✓
(Mark first ONE only) any (1)
- (b) Metabolic waste✓
Carbon dioxide✓
Nitrogenous waste/(examples e.g. urea, ammonia, uric acid)
Water ✓ any (1)
(Mark first ONE only) (16)
- 3.2 Non-identical✓/fraternal/dizygotic twins (1)
are produced when(two egg cells)✓ are (fertilised by two
sperms)✓ (2)
- Identical✓/monozygotic twins/(Siamese/conjoined) (1)
are formed when (one sperm)✓ fuses with (one egg cell)✓
to form a zygote which then splits up into two (incomplete split) (2)
(6)

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Shasha Hu



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