

## BAB 4: Pembiakan Reproduction

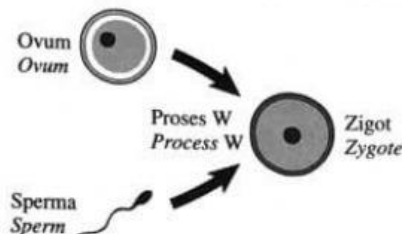
### • Tema 2: Penyenggaraan dan Kesenambungan Hidup

#### PBD Persenyawaan dan Kehamilan

Buku Teks: m.s. 107 – 110



- 5 Rajah di bawah menunjukkan proses W yang berlaku antara sperma dengan ovum.  
The diagram below shows process W that occurs between a sperm and an ovum.



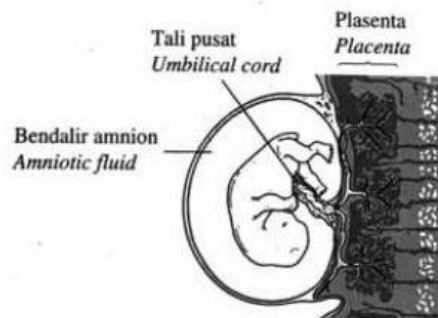
- (a) (i) Apakah proses W? **SP4.4.1 TP1**  
What is process W?

- (ii) Apakah yang dimaksudkan oleh proses yang dinyatakan di 5(a)(i)? **SP4.4.1 TP2**  
What is meant by the process stated in 5(a)(i)?

\_\_\_\_\_ ialah proses \_\_\_\_\_ nukleus \_\_\_\_\_ dengan nukleus \_\_\_\_\_  
\_\_\_\_\_ is the process of \_\_\_\_\_ of a nucleus of \_\_\_\_\_ with a nucleus of \_\_\_\_\_

**sperm ovum fertilisation fusion**

- (b) Rajah di bawah menunjukkan plasenta dan tali pusat yang menghubungkan fetus dengan ibu. **SP4.4.2**  
The diagram below shows the placenta and the umbilical cord that connects the foetus to the mother.



- (i) Nyatakan **dua** fungsi plasenta kepada fetus. **TP3**  
State **two** functions of the placenta to the foetus.

- Memperoleh keperluan yang \_\_\_\_\_ seperti nutrien, \_\_\_\_\_, antibodi dan \_\_\_\_\_ daripada kapilari \_\_\_\_\_ ibu.  
Obtained \_\_\_\_\_ necessities such as nutrients, \_\_\_\_\_, antibodies and \_\_\_\_\_ from the mother's \_\_\_\_\_ capillaries.
- \_\_\_\_\_ bahan kumuh dan \_\_\_\_\_ melalui kapilari darah ibu.  
\_\_\_\_\_ of waste products and \_\_\_\_\_ through the mother's blood capillaries.

**hormones blood oxygen carbon dioxide dissolved gets rid**