



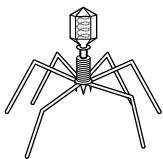
# Praktis Pengukuhan

## Bab 1

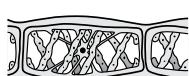
1. Padankan mikroorganisma berikut dengan kumpulannya yang betul.

Match the following microorganisms with its correct group.

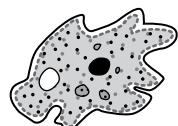
(a)



(b)



(c)



(d)



(e)



Alga  
Algae

Virus  
Virus

Kulat  
Fungi

Bakteria  
Bacteria

Protozoa  
Protozoa

2. Isi tempat kosong dengan jawapan yang betul.

Fill in the blanks with the correct answers.

(a) Mikroorganisma yang tidak makan ialah \_\_\_\_\_.

*Microorganism that does not eat is \_\_\_\_\_.*

(b) Mikroorganisma yang boleh menjalankan proses fotosintesis ialah \_\_\_\_\_.

*Microorganism that can carry out photosynthesis process is \_\_\_\_\_.*

(c) Yis membiak secara \_\_\_\_\_.

*Yeast reproduced by \_\_\_\_\_.*

3. Nyatakan 5 faktor yang mempengaruhi pertumbuhan mikroorganisma.

State 5 factors that affect the growth of microorganisms.

(a) \_\_\_\_\_

(b) \_\_\_\_\_

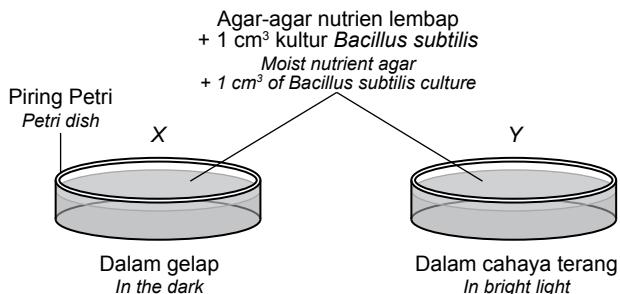
(c) \_\_\_\_\_

(d) \_\_\_\_\_

(e) \_\_\_\_\_

4. Rajah di bawah menunjukkan satu eksperimen untuk mengkaji kesan cahaya ke atas pertumbuhan bakteria.

The diagram below shows an experiment to study the effect of light on the growth of bacteria.



Keadaan agar-agar nutrien di dalam piring Petri X dan piring Petri Y diperhatikan selepas tiga hari. Nyatakan satu pemerhatian pada agar-agar nutrien yang telah disimpan selama tiga hari di dalam jadual berikut.  
*The condition of the nutrient agar in Petri dish X and Petri dish Y is observed after three days. State one observation on the nutrient agar that has been kept for three days in the following table.*

Piring Petri <i>Petri dish</i>	Keadaan agar-agar nutrien <i>Condition of nutrient agar</i>
X	
Y	

5. Padankan mikroorganisma dengan produk berikut.  
*Match the microorganism to the following products.*

Mikroorganisma <i>Microorganism</i>	Produk <i>Product</i>
(a) Yis <i>Yeast</i>	• Cuka <i>Vinegar</i>
(b) Bakteria <i>Bacteria</i>	• Antibiotik <i>Antibiotic</i>
(c) Kulat <i>Fungi</i>	• Minuman beralkohol <i>Alcoholic beverages</i>
	• Roti <i>Bread</i>
	• Keju <i>Cheese</i>

6. Nyatakan 5 teknik aseptik yang telah anda pelajari.  
*State 5 aseptic techniques that you have studied.*

- (a) \_\_\_\_\_  
 (b) \_\_\_\_\_  
 (c) \_\_\_\_\_  
 (d) \_\_\_\_\_  
 (e) \_\_\_\_\_

7. Padankan ubat yang sesuai untuk merawat penyakit berikut.  
*Match the suitable medicine to treat the following disease.*

Penyakit <i>Disease</i>	Ubat <i>Medicine</i>
(a) Pneumonia <i>Pneumonia</i>	• Antiviral <i>Antiviral</i>
(b) Kaki makan air <i>Athlete's foot</i>	• Antibiotik <i>Antibiotic</i>
(c) Kayap <i>Shingles</i>	• Antifungal <i>Antifungal</i>