

MARKAH:

# MATEMATIK TINGKATAN 1



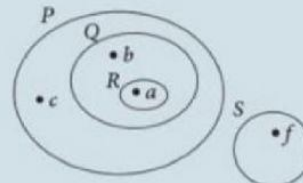
## BAB 11: PENGENALAN SET (KUIZ 3)

CONTOH / EXAMPLE

$P = \{a, b, c\}$   
 $Q = \{a, b\}$   
 $R = \{a\}$   
 $S = \{f\}$

Lukis gambar rajah Venn yang menunjukkan hubungan antara set  $P$ ,  $Q$ ,  $R$  dan  $S$ .

Draw a Venn diagram to show the relationship between set  $P$ ,  $Q$ ,  $R$  and  $S$ .

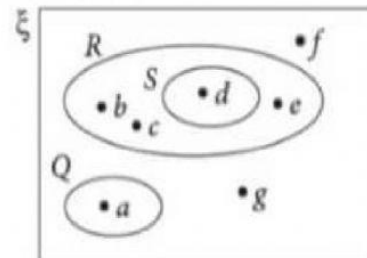


Jawab semua soalan berikut dengan jawapan yang sesuai.

1 Diberi set semesta  $\xi$ , set  $Q$ , set  $R$  dan set  $S$ . / Given universal set  $\xi$ , set  $Q$ , set  $R$  and set  $S$ .

(a) Senaraikan unsur bagi set / List the elements of set

- (i)  $R =$    
 (ii)  $S =$    
 (iii)  $Q =$    
 (iv)  $\xi =$



$\{a, b, c, d, e, f, g\}$

$\{a\}$

$\{b, c, d, e, f\}$

$\{a, b, c, e, f, g\}$

$\{d\}$

$\{b, c, d, e, f, g\}$

Wakikan hubungan antara set-set yang berikut dengan menggunakan gambar rajah Venn.  
 Represent the relationship between the following sets using Venn diagram.

(a)  $\xi = \{x : x \leq 10, x \text{ ialah integer} / x \text{ is an integer}\}$

$X = \{\text{faktor bagi 15} / \text{factors of 15}\}$

$Y = \{3, 5\}$

$\xi = \{ \quad, 2, 3, \quad, 5, 6, \quad, 8, \quad, 10 \}$

$X = \{1, \quad, \quad\}$

