

## TINGKATAN 1

### BAB 11

#### Praktis Sumatif

##### Bahagian A

1  $M = \{6, 9, 12, 15, 18\}$   
 $n(M) = 5$   
 Jawapan: C

2  $n(B') = 19 - 11$   
 $= 8$   
 Jawapan: B

3  $E = \{52, 56, 60, 64, 68, 72, 76\}$   
 $F = \{54, 63, 72\}$   
 $G = \{60, 72\}$   
 $n(E) = 7$   
 $n(F) = 3$   
 $n(G) = 2$   
 $n(E) + n(F) + n(G) = 7 + 3 + 2$   
 $= 12$   
 Jawapan: D

4  $E = \{52, 56, 60, 64, 68, 72, 76\}$   
 $F = \{54, 63, 72\}$   
 $G = \{60, 72\}$   
 Jawapan: D

5  $\xi = \{16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30\}$   
 $K = \{20, 30\}$   
 $J = \{20, 25, 30\}$   
 Maka,  $\{16 \leq x \leq 30\}$   
 Jawapan: A

6  $K = \{20, 30\}$   
 $J = \{20, 25, 30\}$   
 Maka,  $K \subset J$   
 Jawapan: A

##### Bahagian B

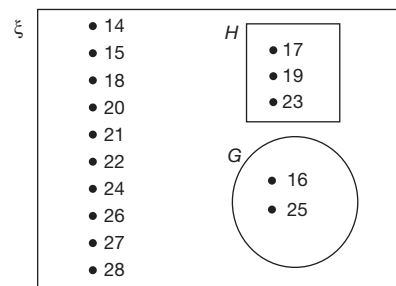
1  $R = \{1, 2, 3, 4, 6, 8, 12, 18, 24, 36, 48, 72, 144\}$   
 (a)  $7 \notin R$   
 (b)  $12 \in R$   
 (c)  $15 \notin R$   
 (d)  $48 \in R$

2 (a)  $\times$  (b)  $\checkmark$   
 (c)  $\checkmark$  (d)  $\times$

3 (a)  $P \equiv Q'$   
 (b)  $R \subset Q$   
 (c)  $n(Q) \geq n(R)$   
 (d)  $(P + Q) \equiv \xi$

##### Bahagian C

1 (a) (i)  $X = \{L, A, T, I, H, N\}$   
 $n(X) = 6$   
 (ii)  $Y = \{a, e, i, o, u\}$   
 $n(Y) = 5$   
 (b) (i)  $G = \{16, 25\}$   
 (ii)



(c) (i)  $\xi = \{9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20\}$   
 $M = \{12, 18\}$   
 $N = \{9, 12, 18\}$   
 $M \subset N$

