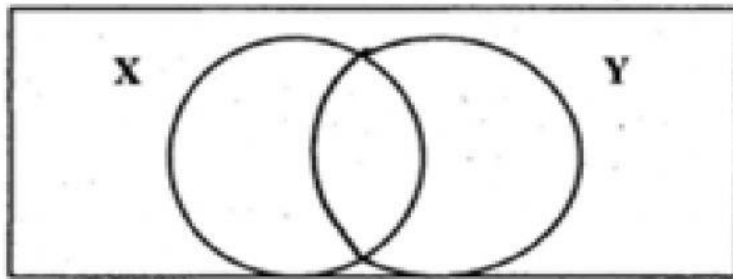


BJC Revision

(a)	3 in X but not in Y	3
(b)	1 in Y but not in X	1
(c)	$4 \in \mathbf{X} \cap \mathbf{Y}$	4
(d)	$2 \in (\mathbf{X} \cup \mathbf{Y})^1$	2



2. (a) Match the correct column B besides the Correct Symbol in Column B

	COLUMN A – SYMBOL	COLUMN B – MEANING
1.	$\notin$	A. The complement
2.	$\subset$	B. Intersection
3.	$\cup$	C. Is not a member of
4.	$\cap$	D. Union
		E. Subset of
		F. The number of elements

(b) Set **E** contains the even numbers less than 11

(i) List all the numbers of Set **E**

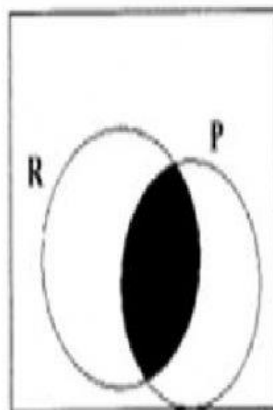
(ii) State $n(\mathbf{E}) =$

Set **P** contains prime numbers less than 8

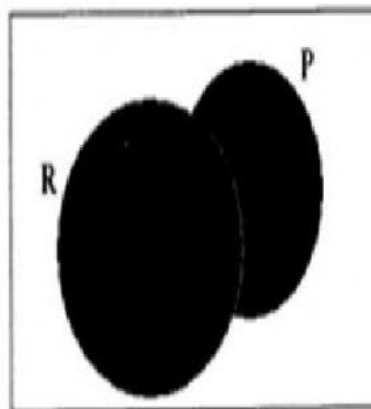
(iii) State the prime numbers of Set **P**

(iv) List the members of $\mathbf{P} \cap \mathbf{E}$

3. Which diagram represents $\mathbf{R} \cap \mathbf{P}$



A



B