

THE **PEARL** PLE TOPICAL PRACTICE 2024
SETS CONCEPT
MATHEMATICS

Candidate's Name:

Candidate's School:

SECTION A

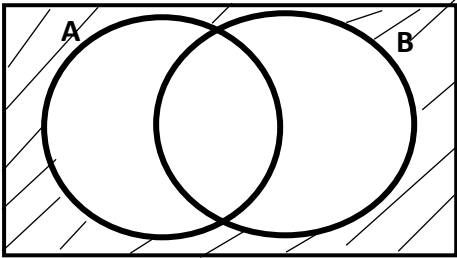
@ Question Carries 2Marks

10 QUESTIONS 20 MARKS

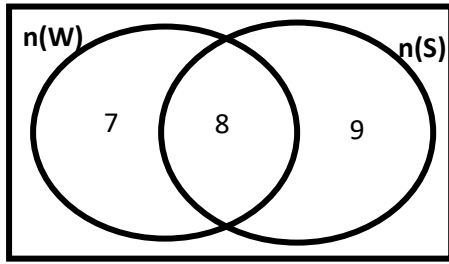


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For more practices

1.	Given that set $P = \{4, 6, 8, 9, 10, 12\}$ and Set $Q = \{2, 3, 5, 7, 11\}$. Find $n(P \cup Q)$.
2.	Describe the shaded region in the figure below. 
3	Given that $n(A) = 5$, how many sub sets are in set A?
4.	If set P has 63 proper sub sets. How many elements are in set P?

5. The venn diagram below shows the number of people who took water (W) and those who took soda (S) at a party. Find $n(W)$



6. Given that set $T = \{\text{square numbers less than } 10\}$. List down all the subsets of set T.

7. If set $K = \{g, l, a, m, e\}$ and $L = \{m, e, a, t\}$. Find $K - L$.

8. Name the set symbol shown below.



9. Set M has 32 subsets. How many element has set M?

10. If set $M = \{a, b, c, d\}$ and set $N = \{b, c, a, d\}$. Describe the sets M and N.