





Mental Maths

Q1. Fill in the blanks:

- Empty set has no element.
- Any set containing only one element is called singleton.
- Statement form of set is also known as descriptive.
- $A \supset B$ represent A is super set of B.

Q2. Choose the correct option from the given four options of each part.

- A set of vowels then
a) $i \notin A$ b) $f \in A$ ☒ c) $u \in A$ d) $a \notin A$
- Symbol \subseteq is used for
a) Proper set b) Superset ☒ c) Improper set d) Subset
- The universal set in the venn diagram is represent by the shape.
a)  ☒ b)  c)  d) 
- Example of singleton set is:
a) $\{ \}$ ☒ b) $\{4\}$ c) $\{90, 91\}$ d) $\{1, 2, 3\}$

Q3. Write true and false.

- Goat is in set of grazing animals. true
- Set of seven cities is a tabular form. false
- A subset is a set which is contained in another set. true
- A universal set cannot be a finite or infinite set. False