1. सर्वव्यापक समूह U = {a, e, i, o, u} का दुईवटा उपसमूह A = {e, o, u} र B = {a, e, i } छन् । Two subsets of universal set U = {a, e, i, o, u} are A = {e, o, u} and B = {a, e, i }.

   A)   समूह A र समूह B खप्टिएका वा अलग्गिएका कस्ता समूह हुन्? लेख्नुहोस् ।

   What types of set are A and B overlapping or disjoint? Write it.   **[1]**

Area	Unit	Learning Outcomes	Cognitive Level	Mean Score %
Set	**1.Set**	1.1	Knowledge	73

   B) A को एउटा उपयुक्त र एउटा अनुपयुक्त उपसमूह लेख्नुहोस् ।

   Write one proper and one improper subset of A.   **[1]**

Area	Unit	Learning Outcomes	Cognitive Level	Mean Score %
Set	**1.Set**	**1.3**	**Understanding**	**45**

   C) समूहहरू A र B बाट e लाई हटाउँदा समूह A र B **कुन** प्रकारका समूह बन्छन्? कारणसहित लेख्नुहोस् ।

   If e is eliminated from sets A and B, then what types of sets are A and B? Write with a reason.   [1]

Area	Unit	Learning Outcomes	Cognitive Level	Difficulty Level
Set	**1.Set**	**1.1**	**Higher Ability**	**63**