Sets

Q1. Match the correct word to the definition.

Nul Set	A well-defined collection of distinct object
Elements	The set has same number of elements
Set	If a set has no elements
Equivalent Set	The object of a set

Q2. Write the singleton and empty sets.

i. A = ∅ empty

ii. F = { 0 } Singleton

iii. G = Set of whole number less than 1. Singleton

iv. D = Set of natural number less than 1. Singleton

Q3. Which pair of sets are equal.

i. A = { 1, 2, 5, 7 } A = D

ii. B = { 4, 3, 5, 9, 12 } not equal

change pair

iii. G = { 1, 2, 4, 5, } not equal

iv. D = { 1, 2, 5, 7, } D = A

Q4. Find the finite and infinite sets.

i. A = { a, b, c, d } finite

ii. D = Set of natural numbers infinite

iii. E = { 2, 4, 6, ...} infinite

iv. O = { 10, 20, 30, ...80 } Finite

v. M = Set of all boys in school infinite

vi. X = { 3, 5, 9, 10 } finite