



GPS Map Camera



Patan, Chhattisgarh, India

Collage Road, 2GQM+668, Patan Rd, Patan,
Chhattisgarh 491111, India

Lat 21.038194°

Long 81.533244°

03/10/23 12:01 PM GMT +05:30

(Test - no - 1)
(Topology)

Q1 Let $\{T_i : i \in \Lambda\}$ where Λ is an arbitrary set, be a collection of topologies of X . The the $\bigcap \{T_i : i \in \Lambda\}$ is also a Topology for X .

Q2 A subset of a topological space (X, T) is open iff it is a nbd of each of its points.

Q3 Let (X, T) be a topological space and let A be a subset of X i.e. $A \subset X$.

Then

(i) A° is an open set (ii) A° is the largest open set contained in A (iii) A is open iff $A^\circ = A$

Q4 Definition with eg -

(1) Limit point

(2) Interior point

(3) Exterior point

(4) Neighbourhood



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