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## QUESTION PAPER

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School: atul public school

Teacher: Pawan Singh

Grade: Grade 12

Subject: Physics

Chapter: Electromagnetic wave

Topic: Types of Electromagnetics

Subtopic: radio waves

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Q1: What is the typical frequency range for radio waves?

Difficulty: MEDIUM

Type: SHORT

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Subjective Type (No Options)

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Q2: Name two common applications of radio waves.

Difficulty: MEDIUM

Type: SHORT

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Subjective Type (No Options)

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Q3: What is the relationship between wavelength and frequency for radio waves?

Difficulty: MEDIUM

Type: SHORT

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Subjective Type (No Options)

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Q4: Which type of radio wave is used for long-distance communication due to its ability to reflect off the ionosphere?

Difficulty: MEDIUM

Type: SHORT

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Subjective Type (No Options)

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Q5: What characteristic of radio waves allows them to travel long distances?

Difficulty: MEDIUM

Type: SHORT

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Subjective Type (No Options)

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Q6: What is the approximate speed at which radio waves travel?

Difficulty: MEDIUM

Type: SHORT

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Subjective Type (No Options)