

# Technology Set - 1 Multiple Choice Questions

## Technology Set - 1 MCQs

**Question 16.**

What frequency range is the High Frequency band?

	<b>A.</b>	100 kHz
	<b>B.</b>	1 GHz
	<b>C.</b>	30 to 300 MHz
	<b>D.</b>	3 to 30 MHz

**Question 17.**

The first step to getting output from a laser is to excite an active medium. What is this process called?

	<b>A.</b>	Pumping
	<b>B.</b>	Exciting
	<b>C.</b>	Priming
	<b>D.</b>	Raising

**Question 18.**

What is the relationship between resistivity r and conductivity s?

	<b>A.</b>	$R = s^2$
	<b>B.</b>	$R = s$
	<b>C.</b>	$R > s$
	<b>D.</b>	$R = 1/s$

**Question 19.**

Which motor is NOT suitable for use as a DC machine?

	<b>A.</b>	Permanent magnet motor
	<b>B.</b>	Series motor
	<b>C.</b>	Squirrel cage motor

	<b>D.</b>	Synchronous motor
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Question 20.

A given signal's second harmonic is twice the given signal's \_\_\_\_\_ frequency?

	<b>A.</b>	Fourier
	<b>B.</b>	Foundation
	<b>C.</b>	Fundamental
	<b>D.</b>	Field

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