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Set No.1

Code No: **R41026**

IV B.Tech I Semester Supplementary Examinations, February/March - 2018

INSTRUMENTATION

(Open Elective)

Answer any FIVE Questions All Questions carry equal marks ***** in briefly the measuring system with neat block diagram. is between static and dynamic characteristics of an instrument. the following signals with suitable plots: the the following signals with suitable plots: the periodic signals eriodic signals dulated signal se modulation with neat sketch, the principle operation of LVDT and its	[8] [7] [8] [7]
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with a neat block diagram of a successive approximation digital er. e the working of digital phase angle meter with neat sketch.	[8] [7]
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ish the principles of working of a spectrum analyzer and wave . Draw the block diagram of spectrum analyzer. the working of vector impedance meter with neat schematic.	[8] [7]
the measurement of torque using magneto-strictive transducer e the advantages and disadvantages of DC tachometer generation and ometer generator.	[8] [7]
with neat diagram the method you would adopt to measure level of a Vhat are the precautions you would take for accuracy? the different methods used for measurement of temperature.	[8] [7]
	the following chros to diodes with a neat block diagram of a successive approximation digital er. e the working of digital phase angle meter with neat sketch. sajous pattern in measurement of phase difference between two of same frequency is an ellipse. How is the phase difference d? ort note on me base generator ertical amplifiers ish the principles of working of a spectrum analyzer and wave . Draw the block diagram of spectrum analyzer. the working of vector impedance meter with neat schematic. the measurement of torque using magneto-strictive transducer e the advantages and disadvantages of DC tachometer generation and ometer generator. with neat diagram the method you would adopt to measure level of a What are the precautions you would take for accuracy?

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