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BIRZEIT UNIVERSITY
MECHANICAL ENGINEERING DEPARTMENT
WORKSHOP ENME 120

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5/5

L8 W8

1) Define the following ?

- a) Measurement: ~~the process of operating~~ ^{comparing} the value to be used to certain standard ~~(ISO 9000)~~ _{units}
- b) Ductility: The ~~ab~~ ability of material to be stretch without breaking
- c) Vernier caliper: a tool used for measuring inside and outside ~~distance~~ ^{measuring tool}
- d) Mechanical properties: How the material behave or the way of responds of the ~~meti~~ material to the environment, external forces, and mechanical laws

2) What are the types of workshop safety? Mention three safe work practices ?

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- 1- Protect against personal ~~energy~~ injury
 - 2- prevention/avoid damage tools equipment, and machines
 - 3- ~~#~~ Dressing safety
 - 4- safe work practices

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- 1- never leave the machine while it's running
 - 2- keep your hands away from stopping or moving machine, tools workpese, machine part
 - 3- always try to be alert patient and willing to help
 - 4- If you want to change the speed wait until a complet stop of moving part to avoid break them.