

**SEKOLAH MENENGAH TEKNIK GERIK
PROMASI KEJURUTERAAN MEKANIKAL**

1. Define Mechanical Engineering ?

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2. Mechanical Engineering plays an important role in Malaysia's development. List four the Mechanical Engineering field.

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3. The institutions that offer skilled training at certificate level must be recognized by Majlis Latihan Vokasional Kebangsaan (MLVK). List four of these institutions.

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4. Electrical current can cause fire. List four the factors that cause fire from electrical current.

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5. Fire may cause injury, loss of life and properties. List four the factors that cause fire.

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6. List the safety measures that you need to follow at workplace.

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7. Explain the first aid measures necessary when providing help to your friend who suffocates. Explain why you choose the measures?

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8. List four the typical measurement instruments used in mechanical engineering.

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9. How to protect the micrometer and vernier caliper.

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10. Explain the principles of a 0.02 and 0.05 mm vernier caliper.

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11. List five gauge types is used in industries?

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12. A dimension of $76.00 \begin{matrix} + 0.03 \\ - 0.04 \end{matrix}$ is given, this means :

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13. List four components of a combination square.

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14. Name main parts if vernier calliper as shown.

15. Name main parts of external micrometer as shown.

16. Determine the readings of the following vernier calipers :

17. Determine the readings of the following micrometer :