**< DE/EJ/ET/EN/EX/EQ/IE/IS/IC >: < 22636> : < Emerging Trends in Electronics >:**

**< Recent Electronic Components >: <UO2b:** **Describe the concept of surface mount devices (SMD).>**

**<Assessments>: <Formative>**

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| **Set 1: Question No. 1** | **Set 1: Question No. 2** | **Set 1: Question No. 3** |
| 1. In SMD the wattage required for soldering iron is\_\_\_\_\_\_ | Ii ) For an IC, in a data sheet SMD stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Identify the SMD component |
| **Recall/ Remembering** | **Understanding** | **Understanding** |
| a) 25 to 50 watt | a) Surface mount device | a) SMD Resistor |
| b) 15 to 25 watt  Optical Light emitting display | b) Synchronous mode device | b) SMD Resistor network   1. Optical Light emitting display |
| c) 15 to 30 watt | c) Serial mode data | c) SMD capacitor |
| d)10 to 50 watt | d) Single memory device | d) Leadless Ceramic Chip Carriers |
| **Ans: (b)** | **Ans: (a)** | **Ans: (a)** |