<DE/EJ/ET/EN/EX/EQ/IE/IS/IC >: <22636> : <Emerging Trends in Electronics > : <Digital Factory>: <UO4c.1>: <Assessments>: <Formative>

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| Set 1: Question No 1 | Set 1: Question No 2 | Set 1: Question No 3 |
| Industrial Revolution is\_\_\_\_ | The series of events best describes the transforming from I1.0 to I4.0 are: | "The Scopes of I4.0 are: |
| Recall/ Remembering | Understanding | Understanding |
| 1. Significant changes that affects a single industry only | 1. "Mechanization of production, introduction of mass production, the digital revolution" | a)Real time |
| 1. New technologies and novel ways of perceiving the world that trigger a profound change in economic and social structure | b) "Mechanization of production ,invention of steamships and railroads, the digital  revolution" | b)Not real time |
| 1. An event that happened in a previous century and doesn't affect modern society | c) Discovery of electricity, the growth of mass production, the digital revolution. | c)Interconnected Global systems |
| 1. A series of technological advances that may or may not have a profound effect on society | d) Mechanization of production, the agrarian revolution, the digital revolution | d)Real time and Interconnected Global systems |
| Ans: <b> | Ans: <a> | Ans: <d> |

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| Set 2: Question No 1 | Set 2: Question No 2 | Set 2: Question No 3 |
| First industrial revolution began with | What is the Key impact of third revolution? | "Correlate the following evolutions stages with their associated characteristics respectively:  a. I1.0 b.I2.0 c. I3.0 d. I4.0  i. Mass Production ii. Steam Power  iii. Concept of SMART iv. Assembly line" |
| Recall/ Remembering | Understanding | Application |
| 1. Electrification | a) Agrarian society become more urban | a) a- ii, b-iv, c-iii, d-i |
| b) Mass production | b) The world became less reliant on animals and humans for energy creation | b) a- ii, b-iv, c-i, d-iii |
| c) Electronics | c) Mass production created more jobs for skilled workers | c) a- i, b-ii, c-iii, d-iv |
| d) Mechanization. | d) Electronics and information technology began to automate production. | d) a- i, b-ii, c-iv, d-iii |
| Ans: <d> | Ans: <b> | Ans: <b> |