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Question **49**

Answer saved

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The examples pollutants emitted directly from the sources into atmosphere are:

- ☒ A. Particulate matter
- ☐ B. PAN
- ☒ C. Sulphur dioxide
- ☐ D. Formaldehyde

Question **50**

Answer saved

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Particulate pollutant like arsenic emitted from industries is a cumulative, potent , protoplasmic poison which

- ☒ A. Inhibits SH- group in enzymes
- ☒ B. Is present in almost all types of soils in minute quantities and affects plant growth
- ☐ C. Shields bright sunlight necessary for carbon assimilation.
- ☐ D. Promotes cloud formation and increases rainfall

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Question **51**

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Photochemical smog is mainly a _____ problem and the main contributing pollutants are from _____sources

- ☐ A. Rural air pollution
- ☒ B. Urban air pollution
- ☒ C. Automobile emission
- ☐ D. Agricultural emission

Question **52**

Answer saved

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solar is the most abundant source of energy on Earth. About 173,000 terawatts of solar energy strike the Earth at any given time - more than 10,000 times the world's total energy needs.

The solar energy has which of the following uses?

Select one or more:

- ☒ A. Passive heating system like obtaining hot water driving water through pipes exposed to the sun
- ☒ B. Active heating system
- ☒ C. Photovoltaic cells for conversion of solar energy to electrical energy
- ☐ D. Hydroelectric generation

Question **53**

Answer saved

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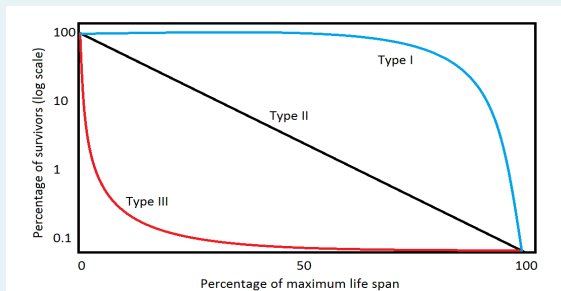
Which statement is correct with respect to the food chain?

- ☒ A. Every component of food chain forms trophic level
- ☒ B. Inter-relation between different food chains is known as a food web
- ☐ C. All the chains formed by nutritional relations is used to understand energy flow.
- ☐ D. Energy flow is multidirectional

Question **54**

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Refer to the diagram of the survivorship curve.

(i) Which curve best describes Oysters?

(ii) Which curve best describes Elephant?

- ☒ A. Type I
- ☐ B. Type III
- ☐ C. For question (i) both I and II
- ☒ D. Type II

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