

Chemistry in everyday life

Work sheet -Module -2

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1. Short answer questions-
 - a) Why are tranquilisers an essential component of sleeping pills?
 - b) Define- i) Tranquilisers ii) Analgesics
 - c) Distinguish between: i) Non-narcotic and narcotic drugs
ii) Barbiturates and opiates
 - d) Name the neurotransmitter which is responsible for mood swings in a person
 - e) Name two antidepressants

2. Multiple choice questions: (single correct option)
 - a) A person visits a doctor with complain that he is feeling very sad and says that he is already suffering from hypertension. The doctor understands that the patient is feeling depressed apart from having hypertension and prescribes him with a mild tranquiliser. Which one of the medicines do you think is prescribed by the doctor:

i) Iproniazid ii) Equanil iii) Nardil iv) Veronal
 - b) Which among the following is not a narcotic analgesic:

i) Morphine ii) Heroin iii) Meperidine iv) Prontosil
 - c) Aspirin inhibits the synthesis of the chemical:

i) Progesterone ii) Phenelzine iii) prostaglandins iv) Phenylalanine
 - d) Analgesic Aspirin is chemically known to be:

i) Acetyl derivative of salicylic acid ii) Phenyl derivative of salicylic acid
iii) Ethyl derivative of salicylic acid iv) Acetyl derivative of benzoic acid
 - e) Amytal, Nembutal, Luminal are called as barbiturates. These are sleep producing drugs. They are referred to as:

i) Tranquilisers ii) Hypnotics iii) narcotic iv) antiallergics

3. Multiple choice questions: (More than one correct option)
 - a) Which among the following are not used as tranquilizers:

i) Valium ii) serotonin iii) Codeine iv) Brompheniramine
 - b) Novalgin and Aspirin are used as:

i) Analgesics only ii) antipyretic and analgesic
iii) non-narcotic iv) anti-coagulant and antipyretic

4. State True or False:
 - a) Tranquilisers and analgesics affect message transfer mechanism from nerve to receptor.
 - b) Chlordiazepoxide and Meprobamate act as antidepressants.
 - c) Serotonin is an opiate.
 - d) Paracetamol is a non-narcotic analgesic
 - e) Derivatives of morphine are used to relieve cardiac pain and post-operative pain.

(Note- The above multiple choice questions are self-generated from text book content) .