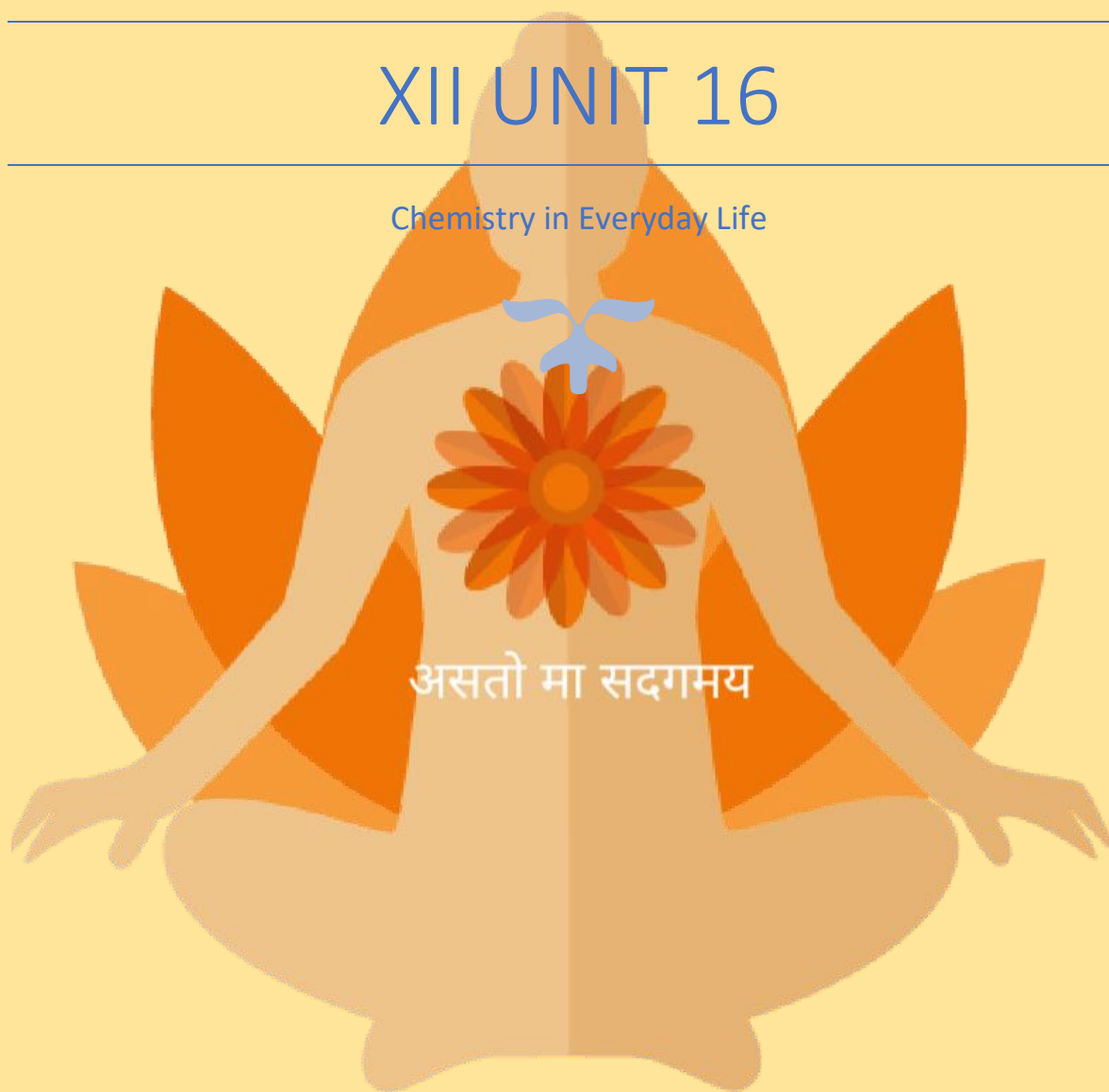




XII UNIT 16

Chemistry in Everyday Life



DECEMBER 18, 2020

CHEMISTRY MANTRA

105 Dilbagh Nagar Extension Jalandhar

Unit 16

Chemistry in Everyday Life

Q.1 Which type of drug cimetidine is?

Answer: Antihistamine.

Q.2 What is the use of ranitidine?

Answer: It prevents the interaction of histamine with the receptors which stimulate the secretion of pepsin and hydrochloric acid in stomach.

Q.3 Name two anti-allergic antihistamines.

Answer: (i) Brompheniramine (Dimetapp) (ii) Terfenadine. (Seldane).

Q.4 What is the function of nor adrenaline?

Answer: It is one of the neurotransmitter that plays role in mood change.

Q.5 What is the role of antidepressant drugs?

Answer: Antidepressant drugs inhibit the enzymes which catalyses the degradation of noradrenaline and counter the effect of depression by maintaining level of noradrenaline.

Q.6 Name two tranquillizers,

Answer: (i) Iproniazid (ii) Phenelzine.

Q.7 Name the mild tranquillizers which relieve tension.

Answer: (i) Chlordiazepoxide. (ii) Meprobamate.

Q.8 What is the role of equanil?

Answer: Equanil controls depression and hypertension.

Q.9 Which type of drugs barbiturates are?

Answer: These are tranquillizers and are also sleep inducing agents.

Q.10 Valium and serotonin belong to which class of drugs?

Answer: Tranquillizers.

Q.11 What is antipyretic? असतो मा सदगमय

Answer: Antipyretics are drugs used for reducing fever.

Q.12 Name a drug which acts as antipyretic and analgesic both.

Answer: Aspirin.

Q.13 Which type of pain is removed by aspirin and paracetamol?

Answer: These drugs effectively reduce skeletal pain such as that due to arthritis.

Q.14 In which pain narcotic analgesics are used?

Answer: These drugs are used in postoperative pain, cardiac pain, and pain of terminal cancer and in child birth.

Q.15 Why aspirin is used in prevention of heart attack?

Answer: Due to its anti-blood clotting action.

Q.16 Name a medicine used in cardiac pain.

Answer: Morphine, heroin, cocaine.

Q.17 In which disease arsphenamine (salvarsan) is effective?

Answer: Syphilis.

Q.18 Name a drug which has broad spectrum.



Answer: (i) Ampicillin (ii) Amoxycillin.

Q.19 Name a drug which has narrow spectrum.

Answer: Penicillin G.

Q.20 What is tincture of iodine?

Answer: 2-3 percent solution of iodine in alcohol water mixture is known as tincture of iodine.

Q.21 Name the components of dettol?

Answer: Chloroxylenol, terpineol, and bithionol.

Q.22 Which solution is used as antiseptic for eyes?

Answer: Boric acid in dilute aqueous solution.

Q.23 Name a compound that acts as disinfectant.

Answer: (i) 1% solution of phenol (ii) Sulphur dioxide in low concentration.

Q.24 Name a compound that acts as both antiseptic and disinfectant.

Answer: Phenol 0.2% solution is antiseptic, 1% solution is disinfectant.

Q.25 Which type of drug is norethisterone?

Answer: Ant fertility drug.

Q.26 Which estrogen derivatives is used in contraceptive pills?

Answer: Ethynylestradiol (novestrol).

Q.27 Why bithionol is added to soap?

Answer: Bithionol is added to soap to impart some antiseptic property.

Q.28 What are the components of birth control pills?

Answer: Mixture of synthetic estrogen and progesterone derivatives.

Q.29 Name one bactericidal antibiotics.

Answer: Penicillin.

Q.30 Name one bacteriostatic antibiotics.

Answer: Tetracycline.

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