

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086

(For candidates admitted from the academic year 2015-16)

SUBJECT CODE: 15CH/UI/DD23

B.Sc. DEGREE EXAMINATION, APRIL 2019

BRANCH IV - CHEMISTRY

SECOND SEMESTER

Reg. No

COURSE : INDEPENDENT ELECTIVE

PAPER : DRUGS AND DISEASES

TIME : 30 MINUTES

MAX. MARKS: 30

SECTION - A

TO BE ANSWERED ON THE QUESTION PAPER ITSELF.

ANSWER ALL THE QUESTIONS

(30x1=30)

I. Choose the correct answer

- Salol is used as _____.
a) Antiseptics b) Disinfectants c) Antacid d) Analgesics
- Flavouring agent
a) CTAB b) Chloroform c) MSG d) Saccharin
- Radioactive isotope
a) ^{31}P b) ^{14}N c) ^{12}C d) ^{131}I
- Which one of the following is used as an antacid?
a) Ferrous sulphate b) Copper sulphate
c) Aluminium hydroxide gel d) Calomel
- The study of application of drugs in prevention treatment, diagnosis of disease and their use is referred as
a) Pharmacotherapeutics b) Chemotherapy
c) Pharmacokinetics d) Pharmacopocia
- Congo Red is a/an
a) azo dye b) mordant dye c) alizarin dye d) triphenyl methane dye
- Epilepsy is a disorder of
a) Respiratory system b) Nervous system c) Digestive system d) Vascular system
- Which one of the following is used as an antacid?
a) Ferrous sulphate b) Copper sulphate
c) Aluminium hydroxide gel d) Calomel
- The drug derived from living matter or microorganism which either prevent the growth of other microorganism or destroy them
a) Antibiotics b) Plasma c) Bacteria d) Hormone
- Aspirin is used as an
a) Anaesthetic b) Antiseptic c) Analgesic d) Antidepressant

II. State whether true or false

- Non prescribed drugs are also known as OTC drugs.
- PABA is p-amino benzyl acetate.

the treatment of congestive heart failure is Aldomet.
by mosquitoes
analgesic

used for treating _____
to be used as _____
one in food causes _____
paracetamol is _____
are generally caused by the release of _____

g

- Malaria
- Asthma
- antianginal drug
- Hypoglycemic agent
- Artificial sweetener

in one or two sentences

etic analgesics?
sugar substitutes available in the market
amines? Give an example

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TIME : 2 1/2 HOURS

MAX. MARKS: 70

SECTION – B

ANSWER ANY FIVE QUESTIONS

(5x6=30)

1. Write the causes and treatment for Cholera and typhoid
2. State the prevention and treatment of Malaria.
3. What are sedatives? Explain their adverse effects with two examples.
4. State the common causes and treatment given in cancer.
5. Name any two antipyretics and discuss their structure activity relationships
6. Describe the following with suitable example.
a) Antacids b) antibiotics
7. What is AIDS? Explain the measures taken to prevent the spread of AIDS

SECTION – C

ANSWER ANY TWO QUESTIONS

(2x20=40)

8. a) Define the following terms:
(i) Antimetabolites (ii) Pharmacodynamics (iii) Pharmacokinetics
(iv) Toxicology (v) Bacteria
b) Explain the phenomena of clotting of blood: What are the causes of anemia and its control? (10+10)
9. a) What are anti-hypertensive agents? Give examples
b) Discuss the mode of action of sulph drugs (10+10)
10. a) Discuss the causes, symptoms and treatment of diabetes.
b) Write a note on the causes, symptoms, treatment for Jaundice and plague.(10+10)