



CHEMISTRY

BOOKS - FULL MARKS CHEMISTRY (TAMIL ENGLISH)

APPLIED CHEMISTRY

Exercise Choose The Correct Answer

1. One Nanometer is

A. 10^{-7} metre

B. 10^{-8} metre

C. 10^{-6} metre

D. 10^{-9} metre

Answer: D



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2. The antibiotic Penicillin is obtained from

..... .

A. plant

B. microorganism

C. animal

D. sunlight

Answer: B



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3. 1% solution of Iodoform is used as

.

A. antipyretic

B. antimalarial

C. antiseptic

D. antacid

Answer: C



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4. The cathode of an electrochemical reaction involves

A. oxidation

B. reduction

C. neutralisation

D. catenation

Answer: B



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5. The age of a dead animal can be determined by using an isotone of

A. carbon

B. iodine

C. phosphorous

D. oxygen

Answer: A



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6. Which of the following does not contain natural dyes?

A. Potato

B. Beetroot

C. Carrot

D. Turmeric

Answer: A



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7. This type of food protect us from deficiency diseases.

A. Carbohydrates

B. Vitamins

C. Proteins

D. Fats

Answer: B



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8. Radiochemistry deals with

A. oxidants

B. batteries

C. isotopes

D. nanoparticles

Answer: C



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9. The groups responsible for the colour of an organic compound is called

A. isotopes

B. auxochrome

C. chromogen

D. chromophore

Answer: D



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10. Chlorinated hydrocarbons are used as

.....

A. fertilizers

B. pesticides

C. food colourants

D. preservatives

Answer: B



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Exercise Fill In The Blanks

1. Is an electrochemical cell which converts electrical energy into chemical

change (Reaction).



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2. Painkiller drugs are called



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3. Aspirin is an



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4., and are macronutrients required for plant growth.



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5. is a chemical used in finger print analysis.



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Exercise Match The Following

S.No.	A	B
1.	Antipyretics	(a) Large surface area
2.	Corrosion prevention	(b) Iodine-131
3.	Hyperthyroidism	(c) Fever
4.	Nanoparticle	(d) Cancer cell identification
5.	Nanorobotics	(e) Electroplating

1.



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Exercise Answer In Brief

1. What is Chemotherapy?



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2. What are called Anaesthetics? How are they classified?



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3. What is the need for chemical fertilizers in crop fields?



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4. What is Forensic chemistry related to ?



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Exercise Answer In Detail

1. Explain the types of dyes based on their method of application.



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2. Name various food additives and explain their functions.



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Exercise Hots

1. Batteries that are used mobile phone can be recharged. Likewise, can you recharge the batteries used in watches? Justify your answer.



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2. Sudha met with a fire accident. What kind of drug(s), she must take?



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3. The soil pH of a crop land is 5. What kind of fertilizers should be used in that land?



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Additional Questions Answer Briefly

1. Explain the structure of an electrolytic cell.



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2. How does galvanic cell produce electricity?



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3. What are drugs? What are their characteristics?



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4. Write the applications of Nanochemistry.



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5. What are the applications of Radiochemistry?

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6. Write a note on Natural dyes.

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7. What is electroplating? Why is it done?



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