

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
- ${\rm C.}\,10^{-6}~{\rm metre}$
- 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

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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

C. chromogen			
D. chromophore			
Answer: D			
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10. Chlorinated hydrocarbons are used as			
••••••			
A. fertilizers			

B. auxochrome

- B. pesticides
- C. food colourants
- D. preservatives

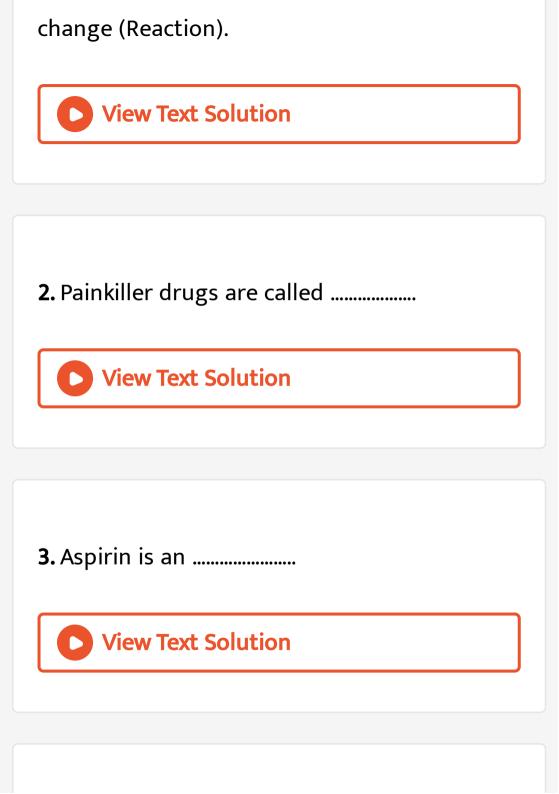
Answer: B



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Exercise Fill In The Blanks

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



4. and are

macronutrients required for plant growth.



5. is a chemical used in finger print analysis.



Exercise Match The Following

S.No.	A	В
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.



Exercise Answer In Brief

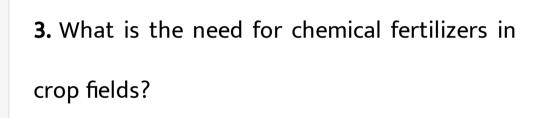
1. What is Chemotherapy?



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

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4. What is Forensic chemistry related to ?



Exercise Answer In Detail

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



2. Name various food additives and explain their functions.



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?



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?



3. What are drugs? What ar their characteristics?



4. Write the applications of Nanochemistry.



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5. What are the applications of Radiochemistry?



6. Write a note on Natural dyes.



7. What is electroplating? Why is it done?

