



CHEMISTRY

BOOKS - SAI CHEMISTRY (TELUGU ENGLISH)

CHEMISTRY IN EVERYDAY LIFE

Mcqs

1. The drug used as post operative analgesic in medicine is

A. L-Dopa

B. Amoxycilin

C. Sulphapyridine

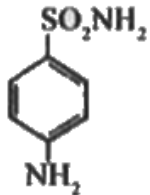
D. Morophine

Answer: D

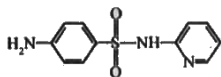


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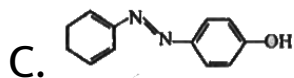
2. Which one of the following is the correct structure of sulphapyridine?



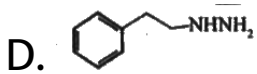
A.



B.



C.



D.

Answer: B



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3. What are the substances which mimic the natural chemical messengers?

A. Antibiotics

B. Antagonists

C. Agonists

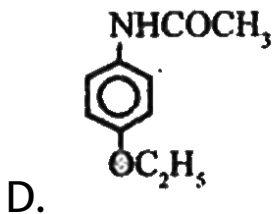
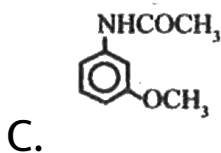
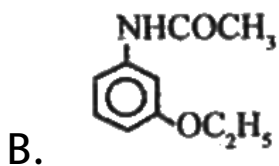
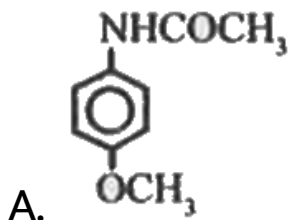
D. Receptors

Answer: C



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4. Identify phencetin from the following.



Answer: D



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5. Benzene 4-hydroxy acetanilide belongs to which of the following?

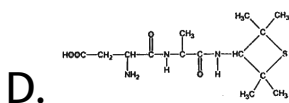
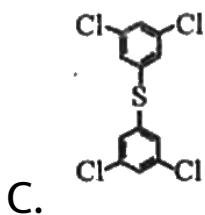
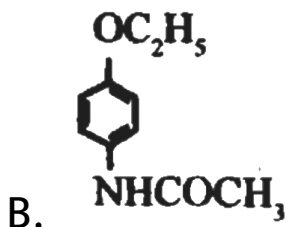
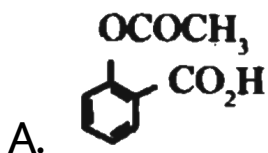
- A. Antipyretic
- B. Antacid
- C. Antiseptic
- D. Antihistamine

Answer: A



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6. Which one of the following is an artificial sweetening agent?



Answer: D



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7. Identify the non-narcotic analgesic from the following

A. Diazepam

B. Ibuprofen

C. Formalin

D. Terpeneol

Answer: B



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8. Match the following.

Column I

- (A) Oxyhaemoglobin**
- (B) Aspirin**
- (C) Haemoglobin**
- (D) Chlorophyll**

Column II

- 1. Analgesic**
- 2. Oxygen carrier**
- 3. Photosynthesis**
- 4. Oil of Winter green**
- 5. Fe^{2+} paramagnetic**

A. A(4)B(1)C(2)D(3)

B. A(4)B(2)C(1)D(3)

C. A(2)B(1)C(5)D(3)

D. A(5)B(2)C(3)D(1)

Answer: C



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9. Hydrolysis of the sucrose with dilute aqueous sulphuric acid yields.

A. 1:1D-(+)-glucose, D-(-)-fructose

B. 1:2D-(+)-glucose, D-(-)-fructose

C. 1:1D-(-)-glucose, D-(+)-fructose

D. 1:2D-(-)-glucose, D-(+)-fructose

Answer: A



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10. Which of the following biomolecules acts as a specific catalysts in biological reaction?

A. Carbohydrates

B. Lipids

C. Vitamins

D. Enzymes

Answer: D



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11. Which of the following statement is not correct?

A. In oxyhaemoglobin Fe^{2+} is
paramagnetic

- B. During respiration, the size of $1\text{Fe}^{(2+)}$ increases when it changes from diamagnetic to paramagnetic state
- C. Four heme groups are present in haemoglobin
- D. Heme is the prosthetic group and It is non-protein part

Answer: A



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12. Natalite' is used for

- A. Anasthetic
- B. Subsitute for petrol
- C. Insecticide
- D. Preservative

Answer: B



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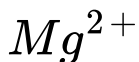
13. Which of the following is not correct?

A. Chlorophyll is responsible for the synthesis for carbohydrates in plants

B. The compound formed in the addition of oxygen to haemoglobin is called oxyhaemoglobin

C. Acetyl salicylic acid is known as aspirin

D. The metal ion present in vitamin B^{12} is



Answer: D



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14. Fluorosis disease is caused due to the reaction of-with excess of fluoride in the body.

A. Ca

B. Mg

C. Fe

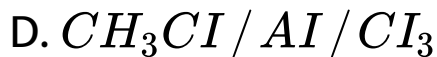
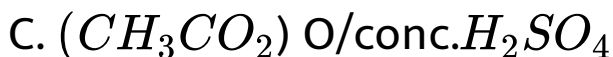
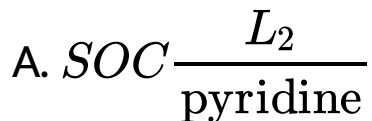
D. K

Answer: A



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15. The reagent used in the preparation of aspirin from salicylic acid is



Answer: C



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16. The metal ion present in vitamin B_{12} is

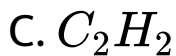
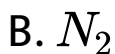


Answer: A



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17. Which of the following is used as a rocket fuel?



Answer: A



18. Blue prints are based on the formation of transition metal cyanide complex. The metal is

A. manganese

B. cobalt

C. chromium

D. iron

Answer: D



19. The drug used as post operative analgesic in medicine is

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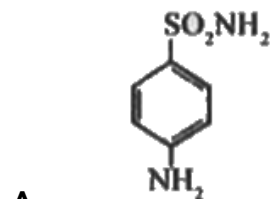
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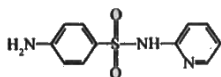


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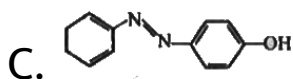
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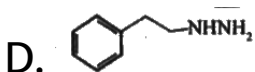
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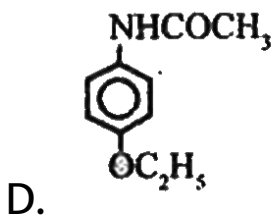
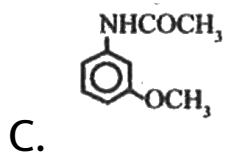
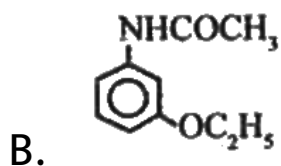
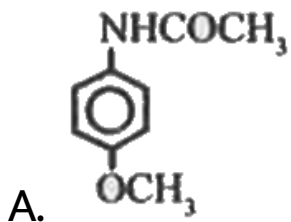
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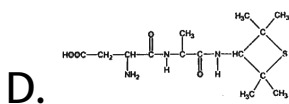
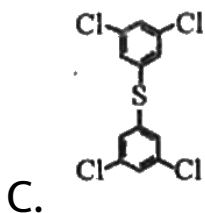
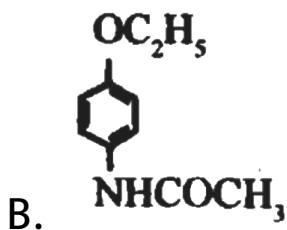
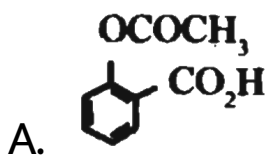
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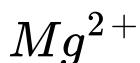
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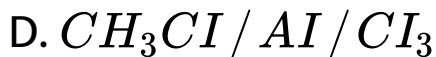
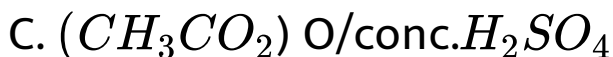
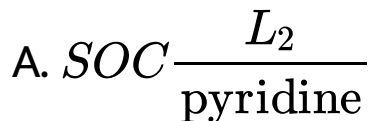
D. K

Answer: A



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Answer: C



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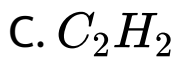


Answer: A



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Answer: A



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36. Blue prints are based on the formation of transition metal cyanide complex. The metal is

A. manganese

B. cobalt

C. chromium

D. iron

Answer: D



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