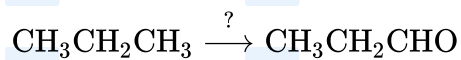


Questions with Answer Keys

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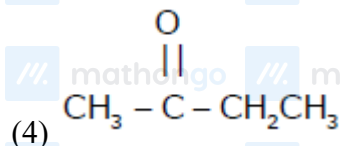
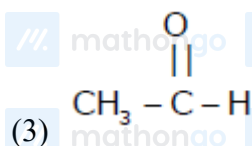
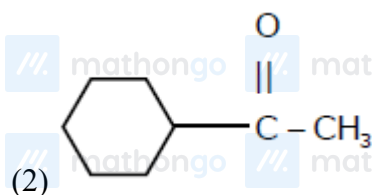
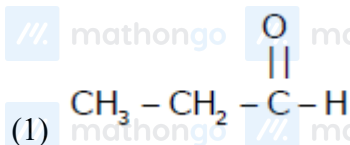
Q1: 24 Feb (Shift 1) - Single Correct

Which of the following reagent is used for the following reaction?



- (1) Potassium permanganate
- (2) Molybdenum oxide
- (3) Copper at high temperature and pressure
- (4) Manganese acetate

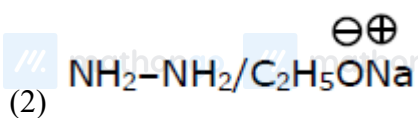
Q2: 24 Feb (Shift 2) - Single Correct

Which one of the following carbonyl compounds cannot be prepared by addition of water on an alkyne in the presence of HgSO_4 and H_2SO_4 ?

Q3: 24 Feb (Shift 2) - Single Correct



Which of the following reagent is suitable for the preparation of the product in the above reaction.



Q4: 25 Feb (Shift 1) - Single Correct

Given below are two statements:

Statement-I : CeO₂ can be used for oxidation of aldehydes and ketones.

Statement-II : Aqueous solution of EuSO₄ is a strong reducing agent.

(1) Statement I is true, statement II is false

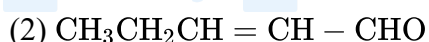
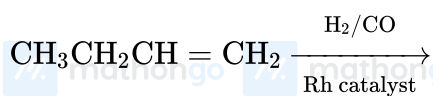
(2) Statement I is false, statement II is true

(3) Both Statement I and Statement II are false

(4) Both Statement I and Statement II are true

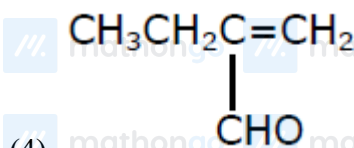
Q5: 25 Feb (Shift 2) - Single Correct

The major product of the following reaction is :



Questions with Answer Keys

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(4)

Q6: 26 Feb (Shift 2) - Single Correct

2,4 -DNP test can be used to identify:

(1) aldehyde

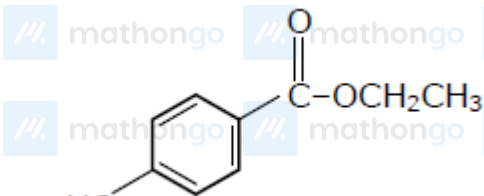
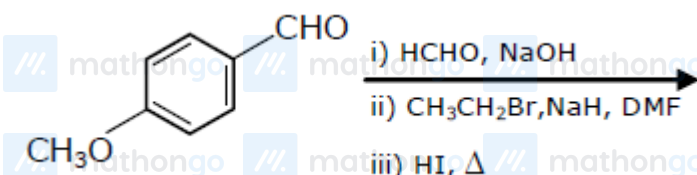
(2) halogens

(3) ether

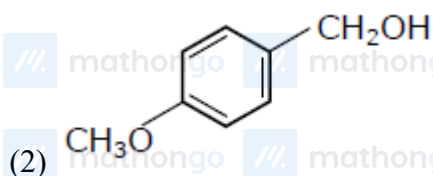
(4) amine

Q7: 26 Feb (Shift 2) - Single Correct

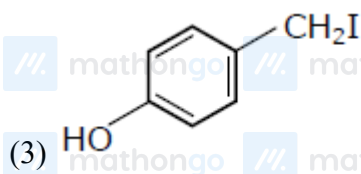
Identify A in the following chemical reaction.



(1)



(2)



(3)

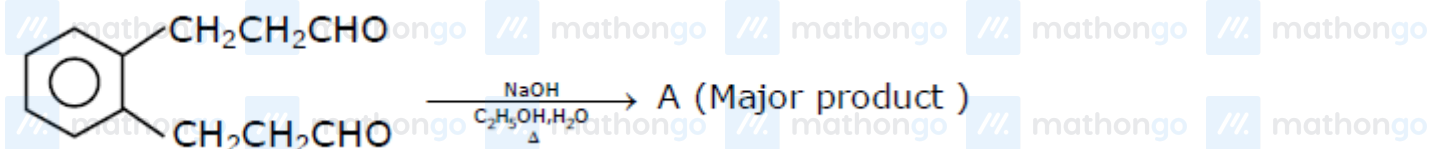
Questions with Answer Keys

MathonGo



Q8: 26 Feb (Shift 2) - Single Correct

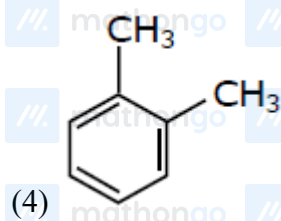
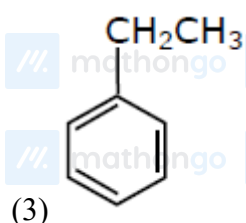
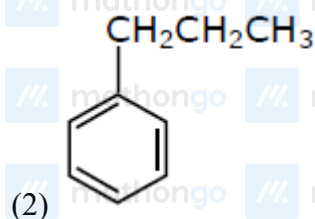
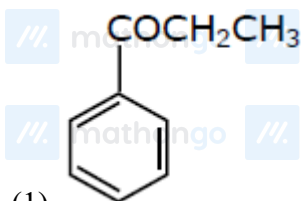
Identify A in the given chemical reaction.



Q9: 26 Feb (Shift 2) - Single Correct



Considering the above reaction, the major product among the following is:



Questions with Answer Keys

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Answer Key

// mathongo // mathongo // mathongo // mathongo // mathongo // mathongo

Q1 (2)

Q2 (1)

Q3 (2)

Q4 (4)

// mathongo // mathongo // mathongo // mathongo // mathongo // mathongo

Q5 (3)

Q6 (1)

Q7 (3)

Q8 (1)

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Q9 (3)

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