

### Module 3 – Living things and air

#### Question Bank

2019-2020

##### Section 1

1. Fill in the blanks: (1)

10 marks

- a) photosynthesis
- b) cellular respiration
- c) transpiration
- d) stomata

2. Name the cellular organelles: (2)

2 marks

- a) M
- b) M
- c) M
- d) M

##### Section 2

3. Multiple choice question (1)

10 marks

- a) M
- b) M

4. Question (2)

10 marks

- a) M
- b) M
- c) M
- d) M
- e) M
- f) M
- g) M
- h) M
- i) M
- j) M
- k) M
- l) M
- m) M
- n) M
- o) M
- p) M
- q) M
- r) M
- s) M
- t) M
- u) M
- v) M
- w) M
- x) M
- y) M
- z) M

# Mastering Science Workbook 2a Unit 8 Answer

**Camilla Rothe**



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the aldol condensation is extremely important because it can form a  $\beta$  hydroxy aldehyde or

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web an aldol reaction was performed by combining acetone and benzaldehyde to make dibenzalacetone the percent yield of dibenzalacetone was found to be 73 which is a good percent yield the melting point of dibenzalacetone was around the range of 104 110 c this helped conclude that dibenzalacetone had a trans trans e e isomer

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web oct 25 2013 experiment performed on may 6 and 8 2003 br the purpose strong of strong this experiment was to synthesize dibenzalacetone via an aldol condensation reaction br between acetone and benzaldehyde this was done by mixing the two reactants with naoh and ethanol br

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produce an a b unsaturated aldehyde and water figure 1 aldol condensation of ethanal to