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**GCSE Combined Science**

**(and Chemistry)**

**Student Answer Booklet**

**Earth and Atmosphere**

**Contents:**

1. ANSWERS Multiple Choice Quiz
2. ANSWERS Exam Practice

**ANSWERS Multiple Choice Quiz**

1. **d**
2. **d**
3. **c**
4. **a**
5. **a**
6. **b**
7. **a**
8. **c**
9. **a**
10. **c**
11. **c**
12. **a**
13. **a**
14. **c**
15. **a**
16. **a**
17. **b**
18. **c**
19. **d**
20. **c**

**Earth and Atmosphere ANSWERS Exam Practice**

**Atmosphere question**:

(a)     dissolved

in this order

1

carbonates

1

(b)     Photosynthesis

1

(c)     water

In this order

oxygen

both needed for the mark

1

(d)



Extra lines from Gas negate the mark

3

(e)     increases global temperatures

1

(f)     use renewable energy supplies

1

(g)     correct reason, eg:

•        renewable technology underdeveloped

•        disagreement between countries

1

[10]Examiner's report here

Notes here

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44 questions

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**Potable water question**:

(a)     (i)      Solids

**1**

(ii)     Chlorine

**1**

(iii)    kill microbes / bacteria

*allow to make the water safe to drink*

*ignore disinfect*

*ignore remove / get rid of microbes*

**1**

(b)     energy

*allow heat*

**1**

(c)     improve dental health

*allow reduce tooth decay*

*allow (local) government requirement*

*allow help teeth*

**1**

**[5]**