



ASSESSMENT and  
QUALIFICATIONS  
ALLIANCE

# Mark scheme

# June 2003

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## GCE

## Archaeology

### Unit ACH1

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**ACH1****Survey and Excavation****Question 1**

Study Figure 1.

Explain why the archaeologists have adopted the excavation strategy shown here.

(6 marks)

- L1: General reason(s) without identification or just identification. **1-2**  
 L2: Good description but without sound justification or sound justification for strategy without link to source. **3-4**  
 L3: Both elements of L2 plus allude to sampling for 5. Clear explanation/reference to sampling for 6. **5-6**

Answers need to be clearly site specific for L3.

**Question 2**

Study Figures 2(a) and 2(b).

Identify the techniques shown in these figures and explain how each is used.

(8 marks)

- L1: One technique named = 1. Both named = 2. Identification but no real explanation or very poor generalised description = 1. **1-2**  
 L2: One technique named and explained or both elements of L1. **3-4**  
 L3: Elements of both explained (and named for 6). For 6 marks awareness that organic matter floats in floatation is essential. **5-6**  
 L4: Both techniques named and fully explained. Some reference to sources required for 8. **7-8**

Parts that contextualise answers to top of level. Credit wet sieving so long as explanation is clearly floatation. Addition of oil/frothing to top of level.

**Question 3**

Study Figures 3 and 4.

Explain which of these figures provides the more useful archaeological record of the pit complexes in trench E.

(9 marks)

- L1: Descriptive responses. **1-3**  
 L2: Generic responses on plans vs. photos or specific references but very unbalanced. **4-6**  
 L3: Specific compare/contrast with balance. **7-9**

For all three levels award marks according to level of detail/no. of points. Candidates who recognise sequence in Figure 3 move to top of L2/L3. Clear reference to conventions to top of L2/L3. For Level 3 clear exemplification from sources required.

#### Question 4

Study Figure 5.

Which is the earliest context in each of the following pairs? (4 marks)

- (a) 186 or 187
- (b) 209 or 213
- (c) 165 or 178
- (d) 111 or 120

1 mark for each correct answer.

- a) 187
- b) 213
- c) 178
- d) 111

#### Question 5

Study Figures 5 and 6.

What kinds of information might the archaeologists have used in order to construct Figure 6? (7 marks)

- |     |  |            |
|-----|--|------------|
| L1: | Awareness of stratigraphy (1 if not named) or description only.                          | <b>1-2</b> |
| L2: | Explanation of one type of information only or good list without explanation.            | <b>3-4</b> |
| L3: | Two or more kinds of information with explanation. As L2 plus explicit links to sources. | <b>5-6</b> |
| L4: | Both parts of L3.  | <b>7</b>   |

Place in level determined by level of detail or breadth of examples. Expect; TPQ, TAQ, stratigraphic sequence, contexts, features, soil colour/texture, datable artefacts, datable material; credit recording techniques were relevant, Harris matrix, etc.

#### Question 6

Study the introductory map and illustrations, numbered (i) to (vi), on pages 2 and 3 of the paper.

Which techniques are most appropriate for an extended survey of settlement remains within 100 kilometres of Abu Hureyra? Give reasons for your choices. (10 marks)

- |     |   |            |
|-----|---|------------|
| L1: | Lists or very short responses including some relevant methods.        | <b>1-2</b> |
| L2: | The appropriateness of one technique explained and/or very good list. | <b>3-5</b> |
| L3: | Several relevant techniques discussed.                                | <b>6-8</b> |

L4: Good range of appropriate techniques with convincing reasons. **9-10**

For L3 there must be direct reference to the sources indicated. Expect: aerial photography, remote sensing, field walking, geophysics, augering etc. (limited test pits/trial trenches acceptable), desk top, local knowledge, etc.

Sound explanation of sampling strategies to next level up. L3+ must display evidence of a strategic approach.

### Question 7

Outline some of the factors which archaeologists from Britain might need to consider when excavating this site. (6 marks)

- L1: Factors unrelated to location but possibly relevant. **1**
- L2: Either political/social or related to type of terrain/excavation or both elements only briefly covered. **2-4**
- L3: Both parts L2 discussed with some reference to this site or relevant case study for 6. **5-6**

Expect: references to heat, aridity, grave yard, political climate, ownership of artefacts, employment of locals etc.