

DEVELOPMENT STUDIES PAPER 4 (0453/4)
FINAL MARK SCHEME

NOV

1

1	a	i	Asking questions face to face/allow respondent to talk freely	1	
		ii	Look at/watch/see with your own eyes	1	
		iii	A selection/small amount selected from the total studied	1	
	b	i	To enable the study to be completed in the allocated time/it would have taken too long to study the entire population/not possible to interview the entire population/etc	1	
		ii	Whilst the question asks for description the appropriate words would be suitable: • Random/interview anyone willing in the village/first 25 homes; • Systematic/every nth home; • Stratified/quota sampling/appropriate proportion of rich\poor, young\old, etc.	2	
	c	Ideas such as: • To act as translators; • Because locals would not trust strangers/white people/locals more likely to be accepted; • To enable work to be done more rapidly; • Safety; • Help them find their way round. Etc	2		
	d	Ideas such as; • Many villagers are unlikely to be co-operative/may not answer questions/may not reveal answers to all questions; • Villagers may not tell the truth; • Villagers may be offended by nature of some of the items being observed or asked, eg evidence of vermin, age); • There could be hostility; • Difficult to observe features such as evidence of flies/cockroaches, etc; • Practical difficulties such as transport/accommodation/food • Difficult environmental conditions for UK students to work in (or specifics); • Difficulty of estimating age; • Contagious diseases • Might not be at home/difficult to contact people, etc.	3		
	2	a	i	Unprotected wells	1
			ii	Piechart/graph	1
			iii	Information is clearly/effectively shown/easy to read. Shows proportions/percentage/share of the whole.	2
		b		2@3 marks Candidates could select pie chart, divided rectangle, bar graph or pictogram. For each method: Level 3 – Information plotted accurately, axes drawn and labelled accurately. Level 2 – As above with one weakness (e.g. axes not labelled. Some inaccuracy in plotting, etc). Level 1 – Uses line graph with no errors or an attempt at a suitable method from the	



list with 2 or more weaknesses.

NB No double credit for repeat of method (credit most accurate).

- c Ideas such as:
- Water from unprotected well/river may be contaminated;
 - Homes without pit latrines may dispose of sewage unhygienically;
 - Rubbish dumped in pits/bushes
 - Could result in flies/pollution of wells.
- 3 One mark per appropriate question asked. Eg
- What are the main ailments that people have? (or specifics, eg AIDS)
 - What remedies/medicines/drugs are you able to supply?
 - What percentage/number of babies/children are inoculated/vaccinated?
 -against which diseases?
 - What equipment is available in the hospital? (or specifics)
 - How has the incidence of disease changed over the years/
 - etc
- 4 a Every patient must bring someone with them to attend to their care.
- b 5 @ 1 mark for appropriate suggestions, crediting development points as appropriate.
Ideas such as:
- employ more nurses/carers/doctors/staff;
 - train more people to work in health care;
 - build more hospitals/clinics;
 - government/overseas aid;
 - purchase more equipment (or specifics);
 - purchase more drugs/medicines;
 - programme of vaccination for babies/children...
against diseases such a....
 - screening/preventative methods. Etc

Total 35