DEVELOPMENT STUDIES PAPER 4 (0453/4) FINAL MARK SCHEME 1

NOV. Rada Cambridge Com.

•	a	1	Asking questions lace to lace/anow respondent to talk freely	'
		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
	С		 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. 	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	а	i	Unprotected wells	1
		ji	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	

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FINAL MARK SCHEME

2

list with 2 or more weaknesses.

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

Ideas such as: С

- 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.

One mark per appropriate question asked. Eg 3

- 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

Every patient must bring someone with them to attend to their care.

5 @ 1 mark for appropriate suggestions, crediting development points as b 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

4

4

1

5