## Cambridge International Examinations

Cambridge Ordinary Level

GEOGRAPHY

## 2217/22

Paper 2
October/November 2016
INSERT
2 hours 15 minutes

## READ THESE INSTRUCTIONS FIRST

This Insert contains Photograph A for Question 2, Figs. 11 and 15 and Table 3 for Question 7, and Figs. 16 and 20 and Tables 5 and 7 for Question 8.

The Insert is not required by the Examiner.

Photograph A for Question 2


Fig. 11 for Question 7
River drainage basin


Table 3 for Question 7

| Site | Discharge (cumecs) |
| :---: | :---: |
| 1 | 0.13 |
| 2 | 0.37 |
| 3 | $\mathbf{0 . 9 0}$ |
| 4 | 2.34 |

Fig. 15 for Question 7
Visual pollution recording form

Site 3

| Evidence | 0 points | 1 point | 2 points | 3 points | 4 points |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Suspended solids | Very clear | Clear | Fairly clear | Slightly dirty | Dirty |
| Colour | Very clear | Clear $\checkmark$ | Slightly brown | Dark brown | Black |
| Stones | Clean and bare | Clean | Lightly covered in brown deposits $\checkmark$ | Coated with brown deposits | Covered in brown and grey deposits |
| Water weed | None | A little in shallow water | Lots in shallow water $\checkmark$ | Lots throughout the river | River is full of weed |
| Grey sewage fungus | None $\checkmark$ | Very little | Little | Present in patches | Plenty |
| $\begin{aligned} & \text { Scum / froth } \\ & \text { / oil } \end{aligned}$ | None | A few bubbles $\checkmark$ | Noticeable islands of foam | Large quantities | Covers whole river |
| Dumped rubbish | None | A few small items | A few large items $\checkmark$ | Large and small items | Many different large items |

Overall score

| $0-3$ | very clean |
| :--- | :--- |
| $4-9$ | clean |
| $10-15$ | fairly clean |
| $16-21$ | slightly polluted |
| More than 21 | badly polluted |

Fig. 16 for Question 8
Completed tally sheet for the suburban shopping centre

| Type of shop or service | Tally | Number |
| :---: | :---: | :---: |
| Accessories for clothes | 1 | 1 |
| Antiques |  | 0 |
| Art shop |  | 0 |
| Bar/café | HH | 5 |
| Beauty \& health | // | 2 |
| Bookshop |  | 0 |
| Bread \& cakes | 1 | 1 |
| Butcher | 1 | 1 |
| Camera shop |  | 0 |
| Car/bike parts |  | 0 |
| Cell phones | 1 | 1 |
| Chemist |  | 0 |
| Clothes | HHI | 6 |
| Computer games |  | 0 |
| Confectionery \& sweets |  | 0 |
| Department store |  | 0 |
| Dry cleaner/launderette | // | 2 |
| Electrical goods | 1 | 1 |
| Fast food | // | 2 |
| Fishmonger | / | 1 |
| Florist | 1 | 1 |
| Furniture |  | 0 |
| Gift/souvenir |  | 0 |
| Grocer (1 checkout) | // | 2 |
| Hairdresser | // | 2 |
| Hardware | 1 | 1 |
| Household goods | // | 2 |
| Hypermarket (10 or more checkouts) |  | 0 |
| Jeweller |  | 0 |
| Leather goods |  | 0 |
| Music shop |  | 0 |


| Newspaper shop | $/ /$ | 2 |
| :--- | :--- | :--- |
| Optician | $/$ | 1 |
| Pet shop |  | 0 |
| Restaurant | $/$ | 0 |
| Shoe repair |  | 1 |
| Shoes |  | 0 |
| Sports goods | 1 | 0 |
| Stationery |  | 0 |
| Supermarket (2 to 9 checkouts) |  | 1 |
| Tobacconist |  | 0 |
| Toys | 1 | 0 |
| Travel agent |  | 0 |
| Wine and beer |  | 37 |
| Total |  |  |

Table 5 for Question 8
Number of shops in CBD and out-of-town shopping centre

| Type of shop or service | CBD | Out-of-town centre |
| :---: | :---: | :---: |
| Accessories for clothes | 5 | 5 |
| Antiques | 3 | 0 |
| Art shop | 4 | 1 |
| Bar/café | 37 | 19 |
| Beauty \& health | 10 | 8 |
| Bookshop | 2 | 3 |
| Bread \& cakes | 4 | 2 |
| Butcher | 1 | 0 |
| Camera shop | 1 | 1 |
| Car/bike parts | 1 | 0 |
| Cell phones | 5 | 3 |
| Chemist | 4 | 2 |
| Clothes | 72 | 60 |
| Computer games | 5 | 3 |
| Confectionery \& sweets | 3 | 1 |
| Department store | 3 | 2 |
| Dry cleaner/launderette | 1 | 1 |
| Electrical goods | 2 | 4 |
| Fast food | 6 | 7 |
| Fishmonger | 1 | 0 |
| Florist | 2 | 2 |
| Furniture | 4 | 2 |
| Gift/souvenir | 2 | 3 |
| Grocer (1 checkout) | 3 | 0 |
| Hairdresser | 13 | 8 |
| Hardware | 2 | 1 |
| Household goods | 7 | 3 |
| Hypermarket (10 or more checkouts) | 1 | 1 |
| Jeweller | 16 | 11 |
| Leather goods | 4 | 2 |
| Music shop | 1 | 2 |


| Newspaper shop | 3 | 2 |
| :--- | :---: | :---: |
| Optician | 8 | 5 |
| Pet shop | 1 | 1 |
| Restaurant | 17 | 23 |
| Shoe repair | 2 | 1 |
| Shoes | 7 | 10 |
| Sports goods | 1 | 3 |
| Stationery | 2 | 1 |
| Supermarket (2 to 9 checkouts) | 4 | 2 |
| Tobacconist | 2 | 1 |
| Toys | 6 | 3 |
| Travel agent | 1 | 1 |
| Wine and beer | 1 | 0 |
| Total | 280 | 210 |

Table 7 for Question 8
Results of student's classification

| Group | Percentage of shops in each group |  |  |
| :---: | :---: | :---: | :---: |
|  | CBD | Suburban centre | Out-of-town centre |
| A | 21 | 8 | 20 |
| B | 14 | 25 | 11 |
| C | 5 | 16 | 4 |
| D | $\mathbf{2 8}$ | 16 | 33 |
| E | $\mathbf{3 2}$ | 35 | 32 |

Fig. 20 for Question 8


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