

Philip's Modern School Atlas 95<sup>th</sup> edition

- 6 a) Rye is adjacent to the river Rother (925206), as the river is only 3 km ~~set~~ from the sea edge, trading vessels will be able to travel up the river to sell their goods in the town. The fact the town is set back from the edge of the sea offers it protection during storms as there is otherwise no natural cove in the area.
- Rye is also the meeting point of the river Brede and the river Rother (925204). This means that historically a bridge may have been built here (925206), thus drawing in people from far and wide making it an attractive place for traders due to its bottle neck.
- Rye is also protected between two parts of high land at (901195) and (920215) this means that it may not be as exposed to high winds as it would be down by the sea front. This makes it a more comfortable place to live leading to the development of a settlement.
- Another reason for the site being where it is, is that down by the coast where a traditional harbour town may be is a large marsh system (930185). This would make building homes and roads incredibly difficult due to the

fact buildings foundation would be incredibly unstable.

A royal military road leads into Rye (913178) meaning that the town may have been built next to this road due to the ~~water~~ links they would gain from it.

Rye's location could also be due to the fact it is situated on very flat ground (920203) thus making the construction of buildings and roads easier rather than if the town was being built on hilly terrain. The flat land to the rear of the town (910205) offers space for the town to increase in size in a safe direction away from the marshland.

Finally the towns location between agricultural land to the north (903224) and canal trading links to the south (950180) would have historically allowed farmers to import and export goods to further away than they may otherwise have been able to if there was no waterway system. The town location effectively links the two industries together.

b) (i)  $1 \text{ cm} = 25000 \text{ cm}$

$2 \text{ cm} = 250 \text{ m}$

$0.4 \text{ cm} = 100 \text{ m}$

$0.6 \text{ cm} = 150 \text{ m}$

b) (ii) I have chosen this site for a variety of reasons, firstly it is off the A259. This is significant since it is the road leading from the M20, the road most motorists travelling from Kent will take. This is significant as it means this is going to be carrying the largest percentage of the traffic so by placing the park and ride here we will seriously reduce town centre congestion as most cars will have to travel through the town.

Secondly, the site at (934206) is far enough set back from the river at (924205) that there is a very low risk of flooding to the site meaning that the service won't be disrupted and will be able to continue operating, thus reducing congestion in the town.

The site is also ideal as it does not disrupt any existing infrastructure in the local area such as paths (926204) or the train line (930212). This means that few people

will object to the site which will save the Council time and money through having to justify their decision.

The site at (934200) is surrounded by a large amount of open space meaning that, if required, they have the ability to expand onto the adjacent land if there is the demand. This is a good option for the council as it means they don't have to plan another site in a different location.

Finally the site is able to use the Canber road (937210) as access to the park and ride. This means that they do not have to spend lots of money and cause a huge amount of disruption building a slip road off the A259. The Canber road would require some widening work however it would cost a lot less and cause far less hassle than building a junction on the A259 as well as a road to access the site.

c) (i) One potential reason is that the area is set back from any roads making it quiet and secluded for any animals visiting the area. They are unlikely to ~~be~~ ~~be~~ disturbed.

Another reason is that as it backs onto another

marsh at (930180) there is little else the council could do less, a road would be difficult due to the marshy land and horses would be at risk due to weak foundations, not to mention the fact that the area is extremely exposed to the elements, so would make for an unenjoyable place to live. All these factors mean it is logical for the area to be given up as a nature reserve.

Finally the presence of the Groynes on the beach (930169) indicates there is a large level of erosion from the sea. This tells us there is little point in using the area for development or industry as it may face issues in 10 years to come from disappearing sand dunes meaning that they may as well leave it for a nature reserve.

(ii) One problem is that birds or other animals could be disturbed by dog walkers using the Coastal Path and cycle-way along the dunes (935175), this can disturb nesting and breeding patterns of rare birds on the reserve and if the problem becomes very serious it could severely damage the species size and cause some types to become endangered. Secondly there is a works at Rye harbour (940190), this brings the risk of pollution to

animals on the reserve in the event of a chemical spill for example. This would have the opposite effect to protecting species and could kill off many rare animals.

Boats travelling up and down the canal at (945187) could also disturb animals on the reserve by the potential for air pollution in the river and this getting into the ecosystem of the reserve.

X733/77/31

2016 GEOGRAPHY ADVANCED HIGHER

SUPPLEMENTARY ITEM B  
for Q1

Full name of centre

Name of candidate

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Date of birth

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