8 marks

Exemplar 3

(iii)* Kerry was originally going to use an optical storage device to transfer her files.

Discuss whether an optical or solid state device is the most appropriate media to transfer these files.

You may want to consider the following characteristics in your answer:

- * born don's suffer from major damage is portability-
- robustness. . dropped, for example.
- capacity

[8]

of capacity generally, but compared to a tolid state drive (which is esten expensive) portion and a very cheap-

doctor apparent opinical devices nave a 1000 cost per unit

nowever, offical devices aren't do robuse, because they have

bill outher musace of the dine muich uthurseuts a pival

value. It me disk is scratched, a new pit is sormed, enduging

THE data which had been stored on the drive: Solid state

drives are more robust, as they aren't easily damaged in

that sense. Producing pegarding pertability, pota devices

an elmitang easy to transpor, as they have no moving

pans on the drives tromserves, and optical drives are also

waterproof. Solid state antes wave a gre generally come

in tarder cobacines, by object qualitare med nindia nieg inte

for the storing examultimedia project (e.g. a film). In

terms of Mading a to and waning speeds, solid state

drives are juster, as the dard on thom can be sandowly

accessed, who reas in an optical drive, the laser light need

to intribute the oblical quies not to tearth for the gara.

SUMPLEASON THE PROPERTY OF THE COLOR

Dreran, a solid start drive would be more practical for Kerry.

as mag generally come in larger capacities, which is app-

ropriate as the is transferring on the data from Mer laprop.

watch would generally be a large amount of data. SSDs

are also much faith to write to, which is bineficial

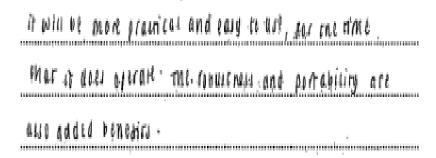
As with writing an ner data to an optical drive would

be eine consaming . Despite SSOs naving a snorter igespaa,

8 mark candidate exemplar

GCSE (9-1) Computer Science

Exemplar Candidate Work



Examiner commentary

This candidate has given a well-structured response that has a discussion of both types of media, with multiple points for both sides. The final paragraph has good examples of linking the points back to the scenario, these are clear explicit links which allow it to access L3. The numerous valid points and structured discussion allow it to gain the maximum marks.