



Section III question 28

a) i) LCD - liquid crystal display

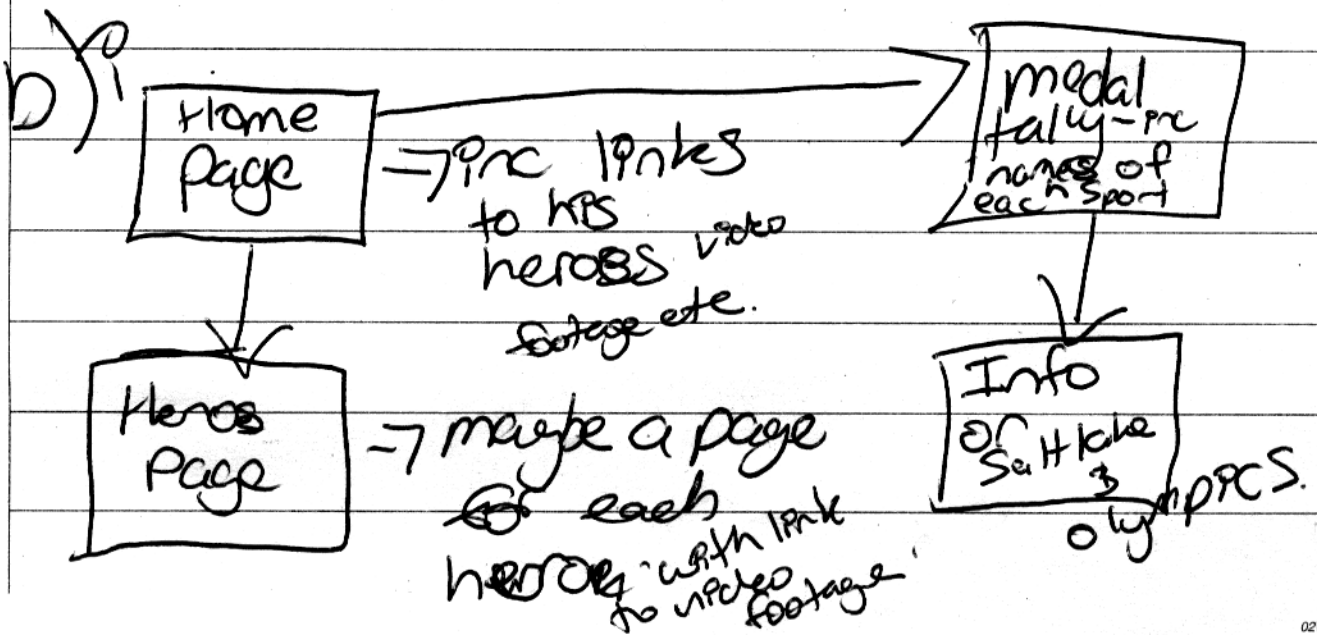
Screens are lightweight, &
cost less than CRT

CRT - Cathode ray tube refresh
screen by beams of light
projected on back of

monitor - more pricey &
heavier than LCD

ii) Path based - entire frames must
be created each movement

Cell-based - only moving objects etc
must be created each
movement.





b) file size =

$$16 \times 600 \times 400$$

Number of colours Screen size

$$\begin{array}{r} = 16 \times \\ \quad 600 \times \\ \quad \quad 400 \\ \hline 3840000 \end{array}$$

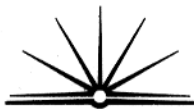
file size would be

3840000 kilobytes

or 3.84 mb

c) collecting - info gathered by
fax, email or post.

- Errors could occur from
misinterpretation of
handwriting or typing
errors.



BOARD OF STUDIES
SOUTH WALES

C) cont.

→ Info sent by post could be incorrect by time of publishing eg already sold.

organising → data must be carefully sorted into correct categories to be more - user friendly.
→ no errors can be made during organising.

displaying → info must be correct & easily read & obtained.
→ hyper links would be advisable.
→ info & graphics should be clear.
→ Categories should be easily distinguished between eg cars, boats



- displaying is quite effective through use of categories & graphics give better picture of item to be sold.
- should also provide search engines within categories & maybe specific categories
ie cars \$500
\$1000
\$5000
etc.

would add to ease of use = customer satisfaction.