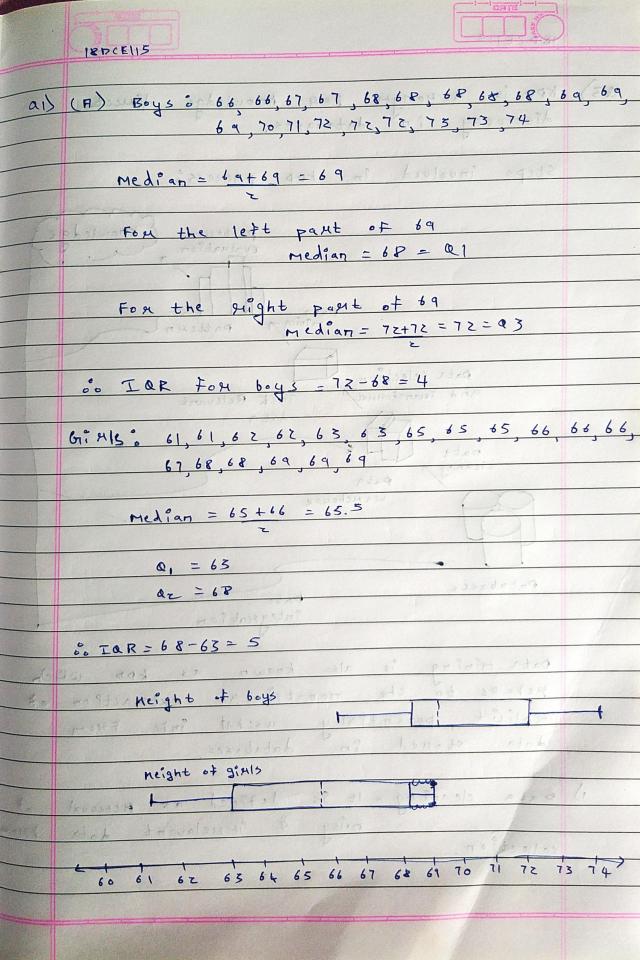
QI) (B) The various methods for handling the problem of missing values in data tuples include: cis Ignoring the tuple of This is usually done when the value is missing to is especially pool when the percentage of missing values per attribute varies considerably. ein Manually filling in the missing value of This appurach is time consuming & may not be neasonal task for large data sets with many missing values. Missing value ? Replacing all missing attribute values by the same constant. (in using the attnibute mean for quantitative (namenic) values on attnibute mode fog categorical (nominal) values. in the missing value to Fill Tehning honores to apkalase and





2) Data "integration" lt is defined as hetergenous

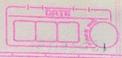
data from multiple sources

combined in common source (datawavehouse) Data selection of It is defined as the process

where data relevant to the analysis is decided & petrieved from data collection. 4) Data Thansformation oIt is defined as process appropriate from req mining process it has two typ. steps o pata mining & code generation 5) Data Mining out is defind as cleven techniques
to extract potential for potential
use. 6) Pattern Fual nation : It 95 defined as identifying

Strictly patters representing

Knowledge base on given measures Thousedge preparesentation : le is techniques which uses tools to present data mining presonaces, generates preports table, et c.



04) Issues in data Mining:

- .) Mining Methodology & usem interaction.
 Handling noise & incomple data

 - Incomposition of background knowledge - Mining different Kinds of Knowledge in databases.
 - Pattern evaluation
 - Expression & visualisation of data mining Mesults, in set is prillip allowant to
- 2) Pentonnance & scalability

 Etticiency & scalability of data Mining
 algorithms
- Parallel Listributed and inchemental

 Mining methods

 3) issues melating to the discusity of data

 types:

 handling grelational & complex types of data

 Mining information from hetrogeneous

 Latabases.
- The most probable value by 4) Issues grelated to application & social impacts

 - Application of discovered knowledge,
 protection of data security integrity & privacy
 -lintegration of discovered knowledge &

existing knowledge,