SUVA SANGAM COLLEGE

YEAR 13

COMPUTER

WORKSHEET 9

Strand 1	**APPLICATION PACKAGE**
Sub-Strand	**Database**
Content Learning Outcome	Describe database fields Explain features file organization model
Reference from Text	Pg.35-38

Questions

No.	**CONCEPT IN BRIEF**: Discuss features of database fields
1	i. A high school Principal wants to put the details of all the teachers in the school on a database. Name **four** most relevant fields that should be included in the database ii. Nancy noticed on her first day at work in the Outpatient clinic that patients' records are kept manually on cards. She suggests to the doctor to use a database to keep records of all patients. Discuss **two** reasons why it would be a good idea for the doctor to have a database.
2	**CONCEPT IN BRIEF :** Discuss features of Database file organization
	i. Relational database is one way of organizing data. Describe **two** features of relational database ii. Identify **one** similarity and **one** difference between hierarchical database and network database.
3	**CONCEPT IN BRIEF:** Discuss features of file organization model
	i. Describe two features of the direct file organization model. ii. When would you implement a distributed database? iii. Write down two concerns regarding the security of databases. iv. Why would you need to create relationships between tables in a relational database?