COURSE CODE : CIT841
COURSE TITLE: Advanced Information Storage and Retrieval
CREDIT: 2 Units
TIME ALLOWED: 2 Hours
INSTRUCTION: Answer Question 1 and any other TWO (2) questions

1.a.	Define information in relation to data.	(5mks)
b.	Describe how information can be categorized with respect to its audience and content.	(4mks)
c.	With suitable example, Describe primary and secondary information sources?	(12mks)
e.	Enumerate **six** key steps in the information life cycle.	(6mks)
f.	Explain what data is.	(3mks)
2.a	Describe a bibliography.	(4mks)
b.	What types of resources does it typically include today?	(6mks)
c.	Enumerate what constitutes non-bibliographic information.	(4mks)
d.	List **six** examples of non-bibliographic information.	(6mks)
3.a.	Enumerate **five** different MARC 21 formats.	(5mks)
b.	Discus purpose that MARC 21 formats serve.	(10mks)
c.	Explain information retrieval.	(3mks)
d.	State the primary goal of information retrieval.	(2mks)
4.a	Explain how one can search for non-bibliographic sources.	(2mks)
b.	What categories of information should be considered?	(7mks)
c.	State the two advantages of information retrieval over classic information retrieval.	(6mks)
d.	Write short note on URL.	(5mks)
5.a.	Define metadata.	(1mks)
b.	Enumerate why metadata is important for information resources.	(6mks)
c.	What are the **three** main types of metadata?	(6mks)
d.	Explain why are formats and standards essential for the interoperability of digital information between different digital libraries.	(7mks)