Q1) A) Multiple choice questions. (Tick mark the correct answer). [10]

i) Artificial intelligence is intelligence exhibited by _____.
   a) Expert from arts  b) Common man
   c) Machine  d) All the above

ii) An expert system is a computer program that _____.
   a) Uses artificial intelligence
   b) Converts the knowledge of an expert in a specific subject
   c) Emulates the decision-making ability of a human expert:
   d) All the above

iii) ____ is the contribution of information to any media and most especially to digital media for an end user in specific contexts.
   a) Content Analysis  b) Content Creation
   c) Information Repackaging  d) Information Analysis
iv) _____ abstract is based on the frequency count of occurrence of significant words in a document and high use words in the sentence.

a) Auto  
b) Slanted  
c) Indicative  
d) Graphic

v) PRECIS was developed for use in _____

a) BNB  
b) INB  
c) IBM  
d) Unicode

vi) The rationships of terms represented in thesaurus from generic to specific are called _____

a) Broader Terms  
b) Synonyms  
c) Related Terms  
d) Narrower Terms

vii) SDI is an example of _____

a) Information analysis  
b) Repackaging of Information  
c) Thesaurus  
d) Content creation

viii) The title of thesaurus devised by P.M. Roget was _____

a) Thesaurus of English words  
b) Thesaurus of English phrases  
c) Thesaurus of English Phrases and words  
d) Thesaurus of English words and phrases
ix) DDC is an example of ______
   a) Pre-coordinated indexing system
   b) Post co-ordinated indexing system
   c) Both a and b
   d) None of these

x) Chemical abstract is published ______.
   a) Monthly
   b) Quarterly
   c) Weekly
   d) Fortnightly

B) Answer the following questions in one or two sentences:

i) What is the dictionary meaning of 'retrieved'?

ii) The word 'index' is derived from which Latin word?

iii) How many steps are involved in POPS?

iv) Which are the two parts of an abstract?

v) Which indexing system consists of unit terms?

vi) In which year, 'Bulletin Signaletique' abstracting service was started?

vii) 'Vocabulary control affects the construction of search strategy.' State whether true or false.

viii) Define 'classified Index'.

ix) What is full form of 'PDF'?

x) Who is the publisher of 'Psychological abstract'?
Q2) Define 'Information Retrieval'. Explain all the IR Models including Artificial intelligence and expert systems. [20]

OR

Write an essay on abstracting stating its types, steps involved in preparation of an abstract and the impact of IT on abstracting services.

Q3) Describe the steps involved in design and construction of thesaurus. Explain role of thesaurus in information retrieval. [20]

OR

Write an essay on 'Information Consolidation and Repackaging.'

Q4) Write short notes (Any Four):

a) Information retrieval process.
b) Characteristics and usefulness of an abstract.
c) Indexing Language
d) Uniterm Indexing
e) Objectives of information retrieval.
f) Electronic content creation