



देव संस्कृति विश्वविद्यालय

शान्तिकुन्ज, हरिद्वार

आन्तरिक मूल्यांकन परीक्षा - INTERNAL EVALUATION TEST

**उत्तर-पुस्तिका**

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कक्षा BCA 6th Sem  
Class

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प्रश्न पत्र संख्या 02  
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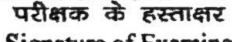
नामांकन संख्या 1800000124  
Enrollment Number

विषय  
Subject

दिन Thursday  
Day

  
परीक्षार्थी के हस्ताक्षर  
Signature of student's

लघु उत्तरीय		योग/Total
A) Short Answer Type		
1	2	
दीर्घ उत्तरीय		
B) Long Answer Type		
1		
कुल योग अंकों में / TOTAL IN DIGITS		
कुल योग शब्दों में/TOTAL IN WORDS		

  
परीक्षक के हस्ताक्षर  
Signature of Examiner

SHORT-ANSWER

Question Q1 Neural Networks techniques of Data Mining.

Answer Neural networks are parallel computing devices, which are basically an attempt to make a computer model of the brain. The main objective is to develop a system to perform various computational tasks faster than the traditional systems. This ~~is not~~ ~~over~~ the.

- With the help of neural networks, we can find the solution of such problems for which algorithmic method is expensive or does not exist.
- Neural Networks can learn by example, hence we do not need to program it at much extent.
- Neural Network have the accuracy and significantly fast speed than conventional speed.

SHORT ANSWER

Question 02

Multimedia Database.

Answer

The multimedia databases are used to store multimedia data as images, animation, audio, video along with text. This media Data is stored in the form of multiple file type like .txt (Text), .jpg (Images), .swf (Videos), .mp3 (audio) etc.

Contents of the multimedia Database

→ The multimedia database stored the multimedia data and information related to it. This is given in detail as follows—

→ ~~Media~~ Media Data → this is multimedia data That is used stored such as images, videos, audios, animation etc, in Database.

→ Media format data

The media format data contains the formatting information related to the media data such as sampling rate, frame rate, encoding Scheme etc.

→ Media Keyword Data:→ This contains the keyword data related to the media in the database. For an image the keyword data can be date and time of the image description of the image etc.

Media Feature data:→ The media's feature data describes the media data. For an image, feature data can be colours of the images, textures in the images etc.

Question 01 Importance of web datamining in present time.

Answer → Web mining can widely be seen as the application of adapted data mining technique to the web, whereas data mining is defined as the application of algorithm to discover patterns on mostly structured data embedded into knowledge discovery process.

Web mining has a distinctive property to provide a set of various data types. The web has multiple aspects that yield different approaches for the mining process, such as web pages consist of text, web pages are linked via hyperlinks. and user activity can be monitored via web server logs.

★ Importance

Basically, the information gathered from data mining helps to predict hidden failure patterns, future trends and behaviours well.

and allowing businesses to take decisions.

Technically, Data mining is the computational process of analyzing data from different perspective, dimension, angles, and categorizing it into meaningful information.

Data mining can be applied to any type of data e.g. Data Warehouse, Transactional Databases, Relational Database, Multimedia Database, Spatial Database, Time-Series Database, World Wide Web.