

Course Code : 5BCA1
Course: Title: Computer Graphics
Credit: 4
Assignment No. :
Last Date Of Sumbision: April 30 (for January Session)
October 31, (for July session)

Max.Marks:-30
Min.Marks:-10

Note: Attempt All Questions.

Que.1 What is Computer Graphic? Write the advantage and application of Computer graphics?

Computer graphics क्या है? Computer graphics के लाभ तथा उपयोगिता को लिखिए ।

Que.2 Explain all the graphical input devices which is used in computer graphics?

Computer graphics में प्रयोग होने वाली सभी graphical input devices को विस्तार से समझाइए ।

Que.3 Write on algorithm of line generation and circle generation/

Line और Circle generation Algorithm को लिखिए ।

Que.4 What do you understand by polygon? Explain the various types of polygon?

Polygon से आप क्या समझते हैं? विभिन्न Polygon के प्रकारों को समझाइए ।

Que.5 Define 2D Geometric Transformation & 3D Geometric Transformation?

2D Geometric तथा 3D Geometric Transformation को समझाइए ।

Que.6 Explain the following :- (निम्न को समझाइए) :-

(i) Midpoint Subdivision algorithm

(ii) Line Clipping algorithm

Que.7 What do you mean by Polygon Clipping? Explain about Hodge man Polygon Clipping algorithm.

Polygon Clipping से क्या अभिप्राय है? Hodge man Polygon Clipping algorithm के बारे में समझाइए ।

Que.8 Write down about Segments and Segment Table?

Segment तथा Segment Table के बारे में लिखिए?

Que.9 Explain the following :- (निम्न को समझाइये) :-

(i) B – Spline Curves

(ii) Bezier Curves

Que.10 Define the Tem : - (निम्न को विस्तार करें) :-

(i) Z – buffer Algorithm

(ii) Painter's Algorithm

Course Code : 5BCA3
Course: Title: Multimedia Systems
Credit: 3
Assignment No. :
Last Date Of Sumbision: April 30 (for January Session)
October 31, (for July session)

Max.Marks:-30
Min.Marks:-10

Note: Attempt All Questions.

- Que.1 What is Multimedia System Write the element's of Multimedia.
मल्टीमीडिया क्या है? इसके विभिन्न अवयवों को लिखिए।
- Que.2 Explain the use of Multimedia?
मल्टीमीडिया के उपयोग को बताइए।
- Que.3 Write the input and output devices in use of Multimedia?
मल्टीमीडिया में उपयोग होने वाले इनपुट एवं आउटपुट उपकरण को लिखिए?
- Que.4 What do you mean by image processing?
इमेज प्रोसेसिंग से आप क्या समझते हैं?
- Que.5 Write the difference between vector and raster graphics?
Vector तथा Raster ग्राफिक्स के मध्य अंतर लिखिए।
- Que.6 Write the features and limitations of Corel Draw?
Corel Draw के लाभ तथा हानियाँ लिखिए।
- Que.7 Write different between analog and digital Sound?
Analog तथा digital sound के मध्य अंतर लिखिए।
- Que.8 Explain the Basic Principles of animation?
Animation के आधारभूत सिद्धांतों को लिखिए।
- Que.9 Write the various types of digital video file format's?
Digital Video file format के विभिन्न प्रकारों को लिखिए?
- Que.10 Write the tools of movie making?
Movie बनाने के टूल्स को लिखिए।

Course Code : 5BCA5
Course: Title: Data Warehousing & Mining
Credit: 3
Assignment No. :
Last Date Of Sumbision: April 30 (for January Session)
October 31, (for July session)

Max.Marks:-30
Min.Marks:-10

Note: Attempt All Questions.

- Que.1 Explain the Basic Concepts of data mining and data warehousing?
डेटा माइनिंग तथा डेटा वेयरहाऊसिंग के बेसिक कान्सेप्ट्स को समझाइये।
- Que.2 Explain different Strategic technique for data mining also explain its charecteristics?
डेटा माइनिंग में विभिन्न स्ट्रेजिक तकनीकी को समझाइये? साथ ही इसकी विशेषताओं को भी समझाइये।
- Que.3 What is OLAP models. Explain its different operations.
ओ.एल.ए.पी. मॉडल क्या होता है? इसके विभिन्न आपरेशनस् को समझाइये।
- Que.4 Explain different Strategy technique for data modeling with the help of Structure?
डेटा मॉडलिंग के विभिन्न स्ट्रेटिजिक तकनीक को उसके स्ट्रक्चर की सहायता से समझाइये।
- Que.5 Explain different Component of data warehousing and data mining in oracle data base system?
ओरेकल डेटावेस सिस्टम में डेटा वेयरहाऊसिंग तथा डेटा माइनिंग के विभिन्न कंपोनेंट को समझाइए।
- Que.6 What is Infrastructure? Explain physical and Logical Extraction of the data warehouse?
Infrastructure क्या होता है? डेटा वेयरहाऊस के विभिन्न physical तथा Logical Extraction को समझाइए।
- Que.7 How to Implement the data in Physical storage device? Explain.
Physical storage device में डेटा किस प्रकार Implement किया जाता है समझाइए।
- Que.8 Explain deployment activity's and data Security?
डिप्लोयमेंट एक्टिविटी तथा डेटा सिक्युरिटी को समझाइए।
- Que.9 Explain different steps of data mining algorithm techniques.
डेटा माइनिंग तकनीक एल्गोरिथम के विभिन्न स्टेप्स को समझाइए।
- Que.10 Write short notes on (Any – 3)
- (a) KDD Process
 - (b) Association rules
 - (c) Star schema
 - (d) Knowledge discovery

Course Code : 6BCA1

Course: Title: Web Development Through open Source Technologies
(PHP, My SQL)

Credit: 3

Assignment No. :

Last Date Of Sumbision: April 30 (for January Session)

October 31, (for July session)

Max.Marks:-30

Min.Marks:-10

Note: Attempt All Questions.

Que1. What is PHP Scripting Language? Explain System Comments using in PHP?

Que.2 How many types of Variables and data types use in PHP Scripts?

Que.3 What is Array? Write a Program in PHP to Enter 10 Numbers and find out sum of all the elements.

Que.4 How many types of conditional statement? Explain each in detail.

Que.5 How many types of loop use in PHP? Explain each in detail?

Que.6 What is functions? Explain types of functions in PHP scripting Language?

Que.7 What is object and classes Write a Program in PHP to detailed of employee and whose field's are (name, id, salary , doJ, etc)

Que.8 What is HTML web pate? Explain cookies and static page in PHP?

Que.9 How to understanding database in PHP? With the help of example?

Que.10 Write Short Notes on (Any - 3)

(a) PHP 5

(b) Handling errors

(c) HPP Session functions

(d) Flat files

Course Code : 6BCA2
Course: Title: Information Technology Trends
Credit: 3
Assignment No. :
Last Date Of Submission: April 30 (for January Session)
October 31, (for July session)

Max.Marks:-30
Min.Marks:-10

Note: Attempt All Questions.

- Que.1 What is distributed System? Explain it .
distributed System क्या होता है समझाइये ।
- Que.2 Describe the online Processing and Real time Processing?
Online एवं Real time Processing System को समझाइए ।
- Que.3 What do you understand by term distributed database and write down the advantage and disadvantage of it?
Distributed Database System क्या होता है, इसके लाभ एवं हानि को समझाइए ।
- Que.4 What is the impact of VR (Virtual Reality) in the communication field?
Virtual Reality को Communication field (संचार क्षेत्र) में क्या प्रभाव है समझाइये ।
- Que.5 What is the E – CRM? Write its advantages.
E – CRM क्या है? इसके लाभ बताइए ।
- Que.6 Write down the Various applications of AI.
AI के अनुप्रयोग को लिखिए एवं समझाइये ।
- Que.7 What is an Expert System? Explain with example?
Expert System क्या है? उदाहरण सहित समझाइये ।
- Que.8 What is data warehousing? Describe the common ware house data model?
Data warehousing क्या है? Common data ware housing Data Model को समझाइये ।
- Que.9 What is the GIS? Explain the Role of GIS in modern World.
GIS क्या है? Modern World (आधुनिक जगत) में GIS के Role को समझाइये ।
- Que.10 What is EDI? Explain the Processing of EDI.
EDI क्या है । EDI के क्रियान्वयन को समझाइये ।

