

Course Code: BCA

Course Title: Software Engineering

Note:-attempt all questions.

- 1) What is software Engineering? Explain the goal & characters of software engineer.
सॉफ्टवेयर इंजीनियरिंग क्या है ? सॉफ्टवेयर इंजीनियरिंग के हव्स तथा विशेषताएँ समझाइए ।
- 2) Explain of the type of software.
Software के प्रकार को समझाइए ।
- 3) What is cardinality & modality?
Cardinality तथा Modality क्या है ?
- 4) Explain the data classification.
Data classification को समझाइए ।
- 5) What is Verification & Validation?
Verification & validation क्या है ?
- 6) What is software testing? Explain testing methods.
Software testing क्या है ? testing methods को समझाइए ।
- 7) Describe the role is software quality manager.
Software quality manager का role को समझाइए ।
- 8) What is cost estimation model? Describe empirical cost model in software Engineering.
cost estimation model क्या है ? empirical cost model की व्याख्या कीजिए ।
- 9) Define the term test automation.
Test automation को परिभाषित कीजिए ।
- 10) Write short notes.
(i) SQA (ii) SRS (iii) Project metric.

Course Code: BCA

Course Title: Multimedia System

Note:-attempt all questions.

- 1) What do you mean by multimedia? Explain the elements of multimedia.
Multimedia से आप क्या समझते हैं ? Multimedia के अवयवों को समझाइए ।
- 2) Explain any five multimedia input & output device.
Multimedia के किन्हीं पाँच input एवं output devices को समझाइए ।
- 3) Write in detail about text, font size and text effects.
Text font आकार एवं text effect को विस्तार से समझाइए ?
- 4) Define vector graphics also write down some differences with raster graphics.
Vector graphics को define करिए तथा raster graphics से इसके अंतरों को समझाइए ?
- 5) What is animation? Explain various attributes and file format of sound.
एनिमेशन क्या है ? Sound के विभिन्न attributes और फाइल format को समझाइए ।
- 6) Write down difference between 2D and 3D Animation.
2D एवं 3D animation के विभिन्न अंतरों को समझाइए ।
- 7) Explain the importance of graphics in multimedia.
Multimedia में graphics के महत्व को समझाइए ।
- 8) Explain any five audio and video editing tools used in multimedia.
Multimedia में उपयोग होने वाले कोई पाँच audio और Video editing tools समझाइए ।
- 9) Describe cell Animation.
Cell animation को विस्तार से समझाइए ।
- 10) Write short note on printer and Quick time tool.
Printer एवं Quick time tool पर संक्षिप्त टिप्पणी कीजिए ।

Course Code: BCA

Course Title: Management Information System

Note:-attempt all questions.

Qus.01- What is System? Explain types of System.

System क्या ? System के प्रकारों को समझाइये।

Qus.02- Explain System Development life Cycle in MIS.

MIS में System Development Life Cycle को समझाइये।

Qus.03- What is Feasibility Analysis? Also Explain Fact Finding Technique.

Feasibility Analysis क्या है? Fact Finding Technique को समझाइये।

Qus.04- Explain DBMS. Also Explain Normalization .

DBMS को समझाइये। Normalization को भी समझाइये।

Qus.05- Explain System Security in MIS.

MIS में System Security को समझाइये।

Qus.06- What is Prototyping? Explain use of prototyping.

Prototyping क्या है? Prototyping के उपयोग को समझाइये।

Qus.07- Explain The Road and qualification of DBA.

DBA के Road और Qualification को समझाइये।

Qus.08- What is E-Business? Explain the Importance of E-Business.

E-Business क्या है? E-Business के महत्ता को समझाइये।

Qus.09- Explain different Starched analysis in MIS.

MIS में Starched analysis को समझाइए।

Qus.10- Explain Following.

(a) MIS.

(b) Input Form design.

Course Code: BCA

Course Title: Information Technology Trends

Note:-attempt all questions.

Qus.01- What is Information, data and System?

सूचना, आँकड़े और सिस्टम क्या है?

Qus.02- What is Network? Explain the Types of Network?

नेटवर्क क्या है? नेटवर्क के प्रकारों को समझाइये।

Qus.03- What do you mean by operating System? Describe the Unix operating System.

ऑपरेटिंग सिस्टम से आप क्या समझते हैं? यूनिक्स ऑपरेटिंग सिस्टम के विषय में बताइये।

Qus.04- What is distributed System and draw its Architecture ?

डिस्ट्रीब्यूटेड सिस्टम क्या है और इसकी संरचना बनाइये।

Qus.05- Explain the Working Manner of E-payment System with Appropriate algorithm.

ई-पेमेंट की कार्य प्रणाली को उचित आरेख सहित समझाइये।

Qus.06- What is GIS? Describe its utility?

GIS क्या है? इसकी उपयोगिता बताइये।

Qus.07- What is Data mining? Write The Steps of Data Mining and Explain KDD.

डाटा माइनिंग क्या है? इसके चरणों को तथा KDD को समझाइये।

Qus.08- Write Short notes (Any Three):

(i) Wi-Fi. (ii) FTP (iii) WAP (iv) SMTP (v) Topology.

Qus.09- Describe the utility of EDI.

EDI के विषय में बताइये।

Qus.10- What are GUI and Virtual Reality?

GUI तथा Virtual रियालिटी क्या है?

Course: BCA

SUBJECT: HUMAN VALUES & ETHICS

1. Explain about old indian society culture?
2. Explain indian concept of values and culture.
3. Explain about bases of moral judgment.
4. Explain about ethics of responsibility.
5. Make proper difference between duty and responsibility.
6. What is profession? Explain about professional ethos.
7. Explain about corporate social responsibility.
8. Explain about domestic violence. Explain with example.
9. Explain about NSS and NCC activates.
10. Explain about human value freedom, creativity love and wisdom.

Course Code: BCA

Course Title: Data Warehousing and Mining

Note:-attempt all questions.

Qus.01- What is data ware house? Explain Various features of Data ware housing.

Data Ware House क्या ? Data Ware Housing के विभिन्न लाभ को समझाइये ।

Qus.02- What are differences between OLAP and OLTP?

OLAP और OLTP के बीच विभिन्न अंतर क्या हूँ

Qus.03- Explain Multi-dimensional Data model.

Multi-dimensional data model को समझाइये ।

Qus.04- Write Short Note on:-

संक्षिप्त में लिखिए:-

(i) Meta data.

(ii) Star Schema.

Qus.05- What is ELT? Explain architectural components of Data ware housing.

ELT क्या है? Data ware Housing के architectural components को समझाइये ।

Qus.06- Explain data Security Backup and recovery concept in data ware housing.

Data Ware housing के अन्तर्गत Data Security, Backup और recovery concept को समझाइये ।

Qus.07- What is apriori algorithm? Explain with suitable Example.

Apriori Algorithm क्या है? उदाहरण सहित समझाइये ।

Qus.08- Explain in brief:-

संक्षिप्त में समझाइये:-

(i) Clustering.

(ii) Web roaming.

Course Code: BCA

Course Title: Computer Graphics

Note:-attempt all questions.

- 1) Explain the difference between manual and computer drafting.
Manual एवं computer drafting के विभिन्न अंतरों को समझाइए ।
- 2) Explain any three graphical input and graphical output devices.
कोई तीन ग्राफिक्स इनपुट एवं आउटपुट डिवाइसेस को समझाइए ।
- 3) Discuss about polygon, types of polygon and representation of polygon.
Polygon, Polygon के प्रकार और polygon के representation को समझाइए ।
- 4) Describe Cohen – Sutherland subdivision line clipping algorithm.
कोहेन सदरलैण्ड सबडिविजन लाइन क्लिपिंग एलगोरिथम को समझाइए ।
- 5) Explain translation, Rotation, and scaling in 2D-Transformation.
2D translation में स्थानांतरण, आवर्तन एवं प्रवर्धन को समझाइए ।
- 6) What is Animation? Brief about its types and Principles.
एनिमेशन क्या है ? इसके प्रकारों और सिद्धान्तों का वर्णन कीजिए ।
- 7) Explain Z-Buffer algorithm.
Z-Buffer algorithm को समझाइए ।
- 8) Explain Bezier curve.
Bezier curve को समझाइए ।
- 9) What is illumination model? Explain categories of illumination model.
Illumination model क्या होता है ? इसके प्रकारों को समझाइए ।
- 10) What are blobby obeyed, explain?
blobby obeyed क्या होता है , समझाइए ?