

BAST-502 V.F.X.-II

Q. One Sentence Question

1. What is Rotoscoping?
2. What is Chroma and which node is useful for removing green screen?
3. Write the name of any two Roto drawing tool?
4. Explain any two paint features?
5. What is tracker?
6. What is V.F.X?
7. What is Rotoscoping?
8. What is Croma and which node is useful for removing green screen?
9. What is clean plate in V.F.X.?
10. Name any for extension of image sequence format?
11. Write name of any four tools available roto node toolbar?
12. Define Transform tool and Reshape tool?
13. What is Ik?
14. What is Multiframe?
15. What is Motion Blur?
16. What is Planer Tracker?
17. Define following term (a) Keyer (b) Opacity
18. What is paint Brush?
19. Define : Stereo Generation
20. What is Paint Node?

Q. Long Answer Question

- a) Explain the interface of Silhouette with a detailed diagram?
- b) Explain Trackers in detail?
- c) Explain paint node with paint node toolbar in detail?
- d) Explain Tracker in detail?
- e) What is user interface of silhouette 5.2?
- f) Explain paint node and keyer node in detail?
- g) Explain Point tracker and Planer tracker in detail?
- h) Give detail information on Timeline?
- i) Explain Wire removal and Green Screen removal in detail?
- j) Explain interface of Silhouette 5.2?
- k) Give detail on Roto node?
- l) Explain paint node and its feature in detail with help of diagram?

Q. Short Answer Question

- i. Explain New Session window in Silhouette software?
- ii. What is point tracker explain it with detailed drawing?

- iii. Explain the process of clean plate in c?
- iv. Give information on Timeline Panel in Silhouette software?
- v. Explain roto node tool bar in detail?
- vi. Explain steps for generating image sequence file format and Green screen removal?
- vii. How to render a JPEG sequence image output in Adobe Premier Pro for importing in Silhouette?
- viii. What is Roto node and explain its feature in detail?
- ix. Give brief information on Mocha Tracker in detail?
- x. What are warps and morphs? Explain its feature?
- xi. Write short note on Motion Blur?
- xii. Write short note on Rendering in silhouette 5.2?
- xiii. Give detail information on Clone Brush?
- xiv. What is effect node? Explain with detail?
- xv. Give brief information on Power Matte?
- xvi. Explain following term: Close Shape Method in Power Matte
- xvii. Write short note on interface of Silhouette 5.2?
- xviii. Explain File menu for Silhouette 5.2?
- xix. How to create project in Silhouette 5.2?
- xx. Explain steps for generating image sequence format for video?
- xxi. Write short note on composite node in Silhouette 5.2.
- xxii. Explain process of Clean Plate in Silhouette 5.2?
- xxiii. Explain Roto shape drawing tool with diagram?
- xxiv. Give information on rendering in Silhouette 5.2?

QUESTION BANK

BAST – 504 E-COMMERCE

Q.1) Define Following Terms/Answer in one sentence. [5*2=10]

1. Define Cyber security.
2. Define File sharing.
3. Define URL.
4. Define Web.
5. Define Internet.
6. Hackers.
7. Internet.
8. Software.
9. IPR.
10. Piracy.
11. Define Denial of service attack.
12. Define web.
13. Define Software.
14. Define cookies.
15. Define Piracy.
16. Protocols (TCP/IP)
17. Remote Login Procedure
18. Role of ITU, WTO and ATP
19. Certifying or Governing authorities
20. Internet Service Provider
21. Communication Techniques.
22. Passive or Pull-Based Advertising
23. Virtual Banking Operations
24. Electronic payment procedure
25. Management of Domain names

Q.2) Attempt the Following

[10 Marks]

1. Explain the concept of computer viruses with its types.
2. Explain the concept of hackers with its types.
3. Explain the concept of cybercrime.
4. Explain different types of frauds in cybercrime.
5. Explain about viruses, software & prevention.
6. Explain the concept of Internet fraud with its types.
7. Explain the concept of spoofing & phishing.
8. Explain the concept of Internet & Web.
9. Explain the concept of hacker & cracker.
10. Define Electronic Data Interchange. What are the components of Electronic Data Interchange?
11. Explain how SSL protocol is used for secure transaction. Explain the advantages of e-commerce.
12. What role does SCM play in Business to Business model i.e B2B e-Commerce.
13. Discuss e-governance. Explain the Business to Administration model.
14. Discuss in brief virtual auction. Explain the differences between virtual auction and reverse auction.
15. What is Firewall? State the function of Firewall in e-commerce.

Q.3) Attempt the Following

[5 Marks]

1. Write short note on ATM fraud.
2. Write a short note on wire fraud.
3. Explain short note on child pornography.
4. Write a short note on Denial of services.
5. Write short note on Crackers.
6. Write a short note on Piracy.
7. Write short note on Trojan horse.
8. Write a short note on computer worm.
9. Write short note on phishing.

10. Write a short note on spoofing.
11. Write short note on cyber frauds.
12. Write a short note on child pornography.
13. Write a short note on computer viruses.
14. Write a short note on cybercrime.
15. Write short note on internet fraud.
16. Write short note on child pornography.
17. Write short note on Trojan horse.
18. Write short note on “Work from Home” scheme.
19. Trade cycle and describe the different stages of a Trade cycle.
20. Define digital cash or e-cash. Explain with example how an online banking system works.
21. Explain the working principle of DES algorithm.
22. Distinguish between SSL and SET protocol.
23. Explain EAN coding system for EDI message.
24. Explain the ways and means of protecting online website operations from hackers.
25. Discuss the features of online bookshop.
26. What is World Wide Web and Web Technology ?
27. What is called Network Security and Cryptography ? Discuss.
28. Explain the role of Government to Regulate Internet (censorship).
29. Explain the concepts of Data Organization and Data Management.
30. Explain about digital signatures, digital certificates and RSA algorithms.

SECC AST-507 AI

Question Bank

Q.1) Answer in One Sentence.

1. What is Intelligence?
2. What is Perception?
3. Define Natural Language Processing.
4. What is Linguistic intelligence?
5. What is Neural Networks?
6. State Task Domains of AI.
7. Define Forward Chaining.
8. What is Perception?
9. Define Backward Chaining.

Q.2) Attempt any ONE of the following.

- a) Explain Real Life Applications of AI in Research Areas.
- b) Explain the various types of Intelligence with example.
- c) What are different Agents and Environment? Explain with diagram.
- d) Describe Goal Based Agent.
- e) Explain Types of Intelligence with example.
- f) State and Explain Domain Classification of AI.

Q.3) Attempt any TWO of the following.

- a) Describe Goals of AI.
- b) State the difference between Programming with AI and Programming without AI.
- c) Write short note on AI techniques.
 - a. Describe NLP.
 - b. Explain Characteristics of Expert System.

- c. Write short note on Components of Knowledge Base.
- d) Describe Applications of Expert System.
- e) State the Application Domain of Computer Vision.
- f) Write short note on Components of Robot.