

Total No. of printed pages = 2

AMT-405/RIG/4th Sem/2015/N

RIGGING

Full Marks – 70

Pass Marks – 28

Time – Three hours

The figures in the margin indicate full marks for the questions.

Answer any *seven* questions.

1. Explain rigging in 3D production. 10
2. What is constrain ? Name the different kinds of constrains and explain each. 2+2+6=10
3. Differentiate between the following : 6+4=10
 - (a) IK and FK
 - (b) Parent and child.

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4. Explain about joint, joint chains and bones with proper diagram. What do you mean by hierarchy ?
6+4=10
5. Explain about the set driven key tool and the hypergraph.
6+4=10
6. What are non-linear deformers ? Explain each with diagram.
2+8=10
7. What is skinning ? Explain the different methods of skinning.
2+8=10
8. Define the following :
5×2=10
- (i) Cluster
 - (ii) Lattice
 - (iii) Biped and quadruped
 - (iv) Pivot and node
 - (v) Attribute.
9. Explain about blendshape and its use with suitable diagram.
10