AMT-403/3DM&T/4th Sem/2018/M

3D MODELING AND TEXTURING

Full Marks - 70

Time - Three hours

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

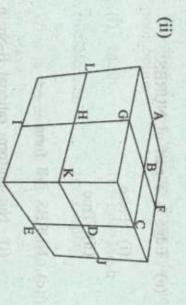
Illustrate your answers with suitable and examples wherever necessary sketches

Answer question Nos.1 and 2 and any three from the rest.

- Choose the correct option: 1×15=15
- To get Auto Contrast option in Photoshop, select
- (i) Filter Menu
- (ii) Image > Adjustment
- \equiv The V key on the keyboard
- The X key on the keyboard.

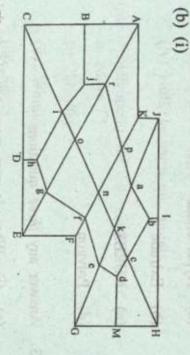
04/AMT-403/3DM&T (2)	(iv) None of the above	(iii) Select	(ii) Edit Mesh	(i) Mesh	(e) Which menu we will get Extrude option in Maya?	(iv) Perspective, Camera 1, Camera 2, Camera 3	(iii) Top, Left, Right, Back	(ii) Top, Side, Front, Back	(i) Top, Perspective, Side, Front	(d) In Maya there are four view ports, what are they?	(iii) Image (iv) File	(i) Projection (ii) Project	(c) Automatic mapping is a	(iii) STUDIO (iv) ADS	(b) A Maya file saves as a ——— file. (i) Max (ii) ASCII	
104/AMT-403/3DM&T (3) [Turn over	(iv) Subdiv., Deformers, Polygon	(iii) Polygons, Bevels, NURBS	(ii) Polygons, NURBS, Deformers	(i) NURBS, Subdiv., Polygons	(i) There are three different geometry types in Maya and they are:	(iii) 6 or has manage (iv) 91	(i) 5 (ii) 4	(h) Texture mode in Maya	(iv) Game Programming	_	(ii) Casual game (ii) Video game developer	Y	(iii) Ctrl+A (iv) Ctrl+F	(i) Ctrl+D (ii) Alt+D	(f) What is the shortcut key for duplicate in Maya?	

0	Which menu we will get Insert edge loop tool option?	(n) Edge is a part of NURBS.
	(i) Mesh (ii) Edit Mesh	(i) False
	als	(ii) True
8	What is the shortcut key for Rotated Tool	(o) NURBS full form —
	a ?	(i) Nun-uniform rational B-Spain
	(i) W (ii) E	(ii) Non-uniform rational B-spline
	(iii) R (iv) Q	(iii) Non-uniform rationality B-spline
Θ	Three main elements of polygon matters	(iv) Non-uniform rational R-solin
	(i) Points, faces and control vertices	The second secon
	(ii) Faces, edges and Edit points	2. Write short notes on any two: 2×5=10
	(iii) Vertices, edges and faces	(a) Hyper shade
	(iv) Hull, Isoparm and points	(b) Extrude
(m)	Which menu we will get 'Outliner' option in Maya?	(c) NURBS
	(i) Display	(d) Polygon
	(ii) Windows	3. Answer any three questions:
	(iii) Select	(a) (i) What do you mean by 3D model in
	(iv) None of the above	Maya?
4/AM	4/AMT-403/3DM&T (4)	6
TATE IL		104/AMI-403/3DM&T (5) [Turn over



The diagram is a cube which has edges (AB, BC, CD, DE, FB, BG, GH, HI, LH, HK, KD, DJ) drawn by insert edge loop tool.

What are the other two options through which you can make the same edges? Discuss it step by step. 3+12=15



Observe the diagram and indicate how many faces, vertex, and edges are there in the diagram.

104/AMT-403/3DM&T (6)

- (ii) How many types of Boolean are there?

 Name them. Describe any two types of Boolean with figure.

 3+12=15
- (c) What are the various steps for setting up Image Planes in Maya to create an organic or inorganic model? Describe the process.
- (d) Discuss the process of working in Photoshop in your own language. Write a note on Bump Map, Displacement map.

5+5+5=15