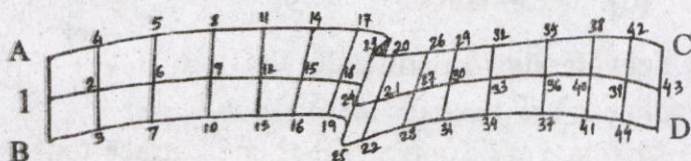# 3D MODELING

Full Marks – 70

Pass Marks – 28

Time – Three hours

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

Answer any *five* questions.

1. (a) What do you mean by 3D Modeling ?

(b) How many faces, vertex and edges are there
and indicate it.

(c) What is the full form of NURBS ?

4+7+3=14

2. (a) What is the role of import option in MAYA ?

[Turn over

(b) What is the mirror option used for in MAYA ? 7+7=14

3. (a) What do you mean by Poly model ?

(b) What are editing curves and surfaces ?

6+8=14

4. (a) What do you mean by Boolean ?

(b) How many types of Boolean are there ? Name them. Describe any one type of Boolean with figure. 6+8=14

5. Write short notes on the following panels. (any *two*) : 7×2=14

(a) Extrude

(d) Deformation

(c) Insert Isoparm.

6. Explain split polygon tool and cutface tools with diagram. 14