

31255- COMPUTER APPLICATION IN ARCHITECTURE - I

DETAIL SYLLABUS

UNIT – I

Introduction to Auto Cad – Recommended Hardware – New – Save – Save As – Q new Open– Close – Quit – Line – Circle – Erase – Oops – D settings – Arc – Ellipse – Polygon – D settings – Move – Copy – Array – Break – Mirror – Offset – Scale – Rotate – Trim – Extend – Stretch– Solid – Donut – Limits – Units – Rev cloud – Exercise on sketches using all the above Commands

UNIT – II

Text – M text – Style – Scale text – Spell – Zoom – Pan – View – Colour – Line type – Line weight – Layer – Lay trans – Layer – Properties – Match prop – B hatch – Hatch – P line – P edit – Fillet – Chamfer – Editing with grips – Id – List – Dist – Area – Lengthen – Sp line – Sp line edit – M line – Ml style – Ml edit – Dimensioning – Dim Linear – Dim Aligned – Dim Radius– Dim Diameter – Dim Center – 55 Dim Angular – Dim Baseline – Dim Continue – Dim Ordinate– Q dim – Exercise on sketches using all the above Commands

UNIT – III

Tolerance – Leader – Q leader – Associative Dimensioning – Dim reassociate – Dim style Dim override – X line – Ray – Filter – Group – Cal – Block – Insert – W block – Attributes – AttDef– Base – Attdisp – Eattedit – Attredef – Battman– Minsert – Divide – Measure – Mslide – Vslide– Slide Library – Script – Extracting Attribute Information – Attext – Creating Compound Documents with OLE – Insertobj – Olelinks – CAD standards – Batch Standards Checker Working with Hyperlinks – Exercise on sketches using all the above Commands.

UNIT – IV

Blocks Vs External REFERENCES s – Xref – Xbind – Using Layer and Spatial Indexes Circular REFERENCES s – Clipping Boundaries – Editing REFERENCES s in Place – Layer– Xopen – Etransmit – Communication Center – AutoCAD Design Center – Tool Palettes – Xplode – Exercise on sketches using all the above Commands

UNIT – V

Plotting in AutoCAD – Configuring Serial Ports – Drawing Web Format – Design Publisher Autodesk Express Viewer – Publish to Web – Layout Management – Working in Paper space–

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Notes

Syllabus

Question Papers

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Determining Layout Settings – Creating Non Rectangular Viewports– Exercise on sketches using all the above Commands

REFERENCES

Auto CAD REFERENCES S manual - Autodesk UNC, 2010