	One Step In Changing	a Education C	hain			FA	CUL	TY N	IAME																	
F	ED &			<u>E</u> ®		STA	ART	ING	DATE	D	С)	-	M	M	-	Υ	Υ	GR	ID		1				
_	GROUP OF I					EN	DIN	G D	ATE	D	С)	-	M	M	-	Υ	Υ	В.	ГІМЕ		Н	Н	:	M	M
STUD	ENT NAME												G	oog	LE C	CLAS	SRO	ОМ	COI	DE						
AUTO	CAD (CIVIL – 2D))																			T	OTA	L DA	YS:	/	/30
LEC.	TOPIC									DA	ГΕ	P	P/A	DA	Y	FEI	EDB/	ACK	S	TU. S	SIGI	V	FAC	ULT	Y SIC	ŝN
1	INTRODUCTION of - BASIC DIMENSION, U GRID, UCS, SELECT - LINE TOOL & DIRECT - OBJECT SNAP TRACK	UNIT SETUP TION TION {GRIDI	, LIMIT	SETUP	(ZOON	M ALL)								1/	′2	<i>A</i>	A	B D								
P1	PRACTICE WITH BASIC	CPLAN T												1/	′ 2		/	10								
2	ARC :- 3 POINT, (ST ENTER, LEN	ADIUS, CENT TAN, TAN, TA	ER DIAN AN) R, END), T, END, D	(START, O	POINT, S CENTER N), (STA	, ANGLE), (ST.	ART, DIUS),	,					1/	<u>'</u> 2	<i>J.</i>		B D								
3	POLYGON :- IN SCRI	ATION	CLE, CII	RCUMSO	CRIBED				ON,					1/	' 2		-	B D								
4	DRAW TOOLS 2 SPLINE :- SPLINE FIT, CONSTRUCTION LINE RAY LINE, DIVIDE, ME MODIFY TOOLS 1 -MOVE, ROTATE, CO	: HORIZON ⁻ EASURE, MU	ULTIPLE	POINTS	S, POL	AR TRA								1	L	4	A	B D								
5	MODIFY TOOLS 2 -TRIM, EXTENDED, FI -ERASE, EXPLODE, JO ARRAY - RECTANGULAR ARRA - POLAR ARRAY - DINI - PATH ARRAY - PLOT SNAP MODE(F9)	OIN, OFFSET AY - COLUM NG TABLE	r, BREAI											1		4		B D								
P2	DOOR ELEVATION	N 5]											1	Ĺ	_	/	10								
Р3	DRAFTING OF PLAN -1BHK -2BHK -BUNGALOW	N													2	_	/	10								
8	DOOR - WINDOW - BASIC DIMENSION	- VENTILA	TION											1/	' 2	<i>A</i>	-	B D								
P4	APPLY P3 DOOR, W & VENTILATION	/INDOW												1/	′2	_	/	10								
9	LAYERS - NEW LAYER, DELETE - ON\OFF LAYER, ISOL - LOCK LAYER, MAKE (EXC.TRANSFER ALL W.	ATE LAYER, CURRENT, D	, FREEZ DELETE	E LAYER LAYER,	PURGE				НТ					1	L	<i>A</i>		B D								

	EXC. ANTHROPROMATRY DRAWING			/10	
10	FURNITURE* - BASIC DIMENSION - SOFA, BED, CHAIR, DINING TABLE, FAN, AC, ETC		1	A B C D	
11	BLOCK -CREATE BLOCK, BLOCK EDITOR, DESIGN CENTER(DC), ONLINE BLOCK LIBRARY DOWNLOAD		1	A B	
P5	APPLY P4 WITH PROPER SCALE		1	/10	
12	ANNOTATE -TEXT(STYLE,JUSTIFICATION)(SINGLE LINE,MULTILINE) DIMENSION -STYLES, ALL TYPE OD DIMENSION, CONTINUE, BASELINE DIMENSION)		1/2	A B C D	
P6	APPLY P5 TEXT & DIMENSION		1/2	/10	
13	HATCH - SOLID, GRADIENT, PATTERN - (COLOR, TRANSPARENCY, ANGLE, SCALE) - PICK POINT, SELECT, SET ORIGINTRANSPARENCY DISPLAY DRAW ORDER - SEND TO BACK & SEND TO FRONT - MATCH PROPERTIES		1	A B	
P7	APPLY P6 SUPER COLOR COMBINATION		1	/10	
14	STAIRCASE * - RISER, TREAD & LANDING - U-SHAPED STAIR, SPIRAL STAIR		1	A B C D	
P8	DRAFTING OF GIVEN STAIRCASE -L-SHAPED, , C-SHAPED, T-SHAPED - STRAIGHT STAIRS		2	/10	
15	TABLE -STYLES(DOOR, WINDOW SCHEDULE) -ALIGNMENT, INSERT, DELETE RAW OR COLUMN, MERGED CELLS		1	A B	
16	ELEVATION * - REFERENCE OF PLAN -USE OF CONSTRUCTION LINE		1	A B C D	
P9	DRAFTING OF ELEVATION		2	/10	
	TEST (SOFTWARE MCQ)			/50	

17	ELEVATION DESIGN * -PARKING -LIFT -STAIR -PERAPET WALL -CABIN STAIRS		1	A B C D	
P10	2BHK AND BUNGALOW PROJECT ELEVATION DESIGN		2	/10	
18	SECTION * - REFERENCE OF PLAN - USE OF CONSTRUCTION LINE		1	A B C D	
P11	DRAFTING OF GIVEN SECTION		1	/10	
19	PRINT & PLOT PAGE SETUP, PRINTER/PLOTTER, PAPER SIZE, PLOT AREA, PLOT SCALE, ETC		1/2	A B C D	
P12	SUBMISSION OF ALL SHEET WITH FORMAT – PDF		1/2	/10	
P13	MASTER STUDIO PROJECT -PLOT AREA SIZE()()WITH ALL DIMENSION) A3 SIZE PRINT SUBMIT WITH FORMATE		2	/50	_

- FEEDBACK WILL BE GIVEN BY STUDENTS
- MARKS OUT OF 10 WILL BE GIVEN BY TUTOR

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LEC.	TOPIC																DA	ATE	.	P/A		DAY	FE	EDB	ACI	(STU.	SIGI	N	FAC	CULT	Y SI	GN
1	INTRODUCTION - TEMPLATE INF - FILE(NEW, OPI - UNIT (WINDO) - EDIT(CUT, COFI - TOOLBARS (RE	ORN EN, S W - PY, P	AVE MOD ASTE	ON , SAVI DEL IN E)	E AS	S, IM - UI	NITS)	(PC	ORT)												1/2	11	A C	B D								
2	DRAW TOOL - SELECT, ERAS - LINE TOOL & - RECTANGLE, I TYPE OF ARC, (DIRE ROT <i>i</i>	ATED	RECT				RCLE,	P	DLIGO	NC											1/2		A C	B D								
3	EDIT TOOL - MOVE, COPY, - PULL (PLANE S - FOLLOW ME (I - SCALE	URF BED	ACE) DESI	GN),					()												_	1/2		A C	B D								
4	MAKE GROUI CAMERA TOO - SHORTCUTS A - ORBIT, PAN, ; - TO RIGHT CLIC - A HIDE, UNHIE	P, CO DLS DD (ZOO	OMF WIN M, Z	DOW- OOM	- P	REFE				Γ, PR	EVI	ous										1/2		A C	В								
5	DIMENSION 1 - MEASURE TAP - DIMENSION (L - 3D TEXT (RNW	(ELI	VAT MEA					DR													-	1		A C	B D								
6	LAYER (WALL, - NEW LAYER, MODEL INFO - PURGE(STATIO	DELE							ON)											_	1		A C	B								
7	SOLID TOOL - OUTER SHELL,	INT	ERSE	CT, UI	NI (ON, 9	SUBT	ΓRAC	Т, 1	RIM,	, SP	LIT										1		A C	В								
8	SAND BOX (C - FROM CONTO - SMOOLE - DRAPE		rou	-FF -S1	RON FAN	и sc	RAT	СН													-	1		A C	B D								
9	IMPORT PLAN - WALL, SILL LEV																				-	1		A C	B D								
P1	3D PLAN OF F 2BHK AND BL		ALO	W IN	1P(ORT																1		/	'10								
10	DOOR - WINI - BASIC DIMENS - FLOOR CELLIN	SION		VENT	ΓIL	ATIC	ON															1		A C	B D								
P2	APPLY TO P1	DOC)R &	WIN	IDO)W	& V	ENTI	ILA	TIOIT	N											1		/	'10								
11	FURNITURE (/, CH	AIR,	ETC		HOL	JSE))																A C	B D								

Р3	APPLY P2 FURNITURE WITH DIMENSION		2	/10	
12	SECTION PLAN & CAMERA -2 STANDARD VIEWS, TWO POINT PERSPECTIVE, PARALLEL PROJECTION, PERSPECTIVE		2	A B C D	
P4	LIVING ROOM - TV UNIT, SOFA, SITTING AREA WITH MATERIAL AND LIGHT - FURNITURE(WebWAREHOUSE)		4	/10	
P5	BED ROOM - BED, DRESSING AREA, TV WALL, WARDROBE (WITH MATERIAL AND LIGHT)		3	/10	
Р6	KITCHEN - DINNING AREA, FRIEDGE, ALL KITCHEN OBJECT		3	/10	
P7	ELEVATION DESIGN BUNGALOW WITH LANDSCAPE - 2 FLOOR REQUIRED, GARDEN, SWIMMING POOL, MAIN GATE, PARKING WITH CAR, ETC		5	/10	

- FEEDBACK WILL BE GIVEN BY STUDENTS
- MARKS OUT OF 10 WILL BE GIVEN BY TUTOR

SKET	CH UP VRAY					TC	TAL DAYS: / 30
LEC.	TOPIC	DATE	P/A	DAY	FEEDBACK	STU. SIGN	FACULTY SIGN
11	MATERIAL (PAINT BUCKET TOOL) - BASIC INFORMATION (APPLY PROJECT) - VRAY MATERIAL - SCENE MATERIAL (MATERIAL CATEGORIES)			1	A B C D		
11 (A)	MATERIAL THEORY PPT -INFORMATION REFLECTION, REFRACTION, GLOSSINESS, BUMP			1	A B C D		
12	CREATE MATERIAL -STANDARD, EMISSIVE (DIFFUSE, REFLECTION, REFRACTION, MAP(BUMP))			1	A B C D		
P1	APPLY MATERIAL TO PROJECT 1 -DIFFUSE (EXTRACT FROM AN IMAGE- WEBSITE {ADOBE COLOR CC}) - COLOR COMBINATION			2	/10		
13	V-RAY SETTING (OPTION) -PRESET - RENDER -OUTPUT - ENVIRONMENT			1	A B		
13 (A)	LIGHT THEORY PPT -DIFFERENT TYPES OF LIGHT AND INFORMATION			1	/10		
14	V-RAY LIGHT - RECTANGLE LIGHT - SPHERE LIGHT - SPOT LIGHT / HANGING LIGHT - IES LIGHT (INTERIOR & EXTERIOR VIEW)			2	A B C D		
P2	APPLY LIGHT TO PROJECT 1			3	A B C D		
16	DOME LIGHT - USE DOME TEXTURE (SPHERICAL - FULL DOME) - DOWNLOAD HDRI (HDRI HEAVEN, HDRI SKY)			2	A B C D		
P2	APPLY MATERIAL AND LIGHT TO LIVING ROOM - TV UNIT, SOFA, SITTING AREA WITH MATERIAL AND LIGHT - FURNITURE(WebWAREHOUSE)			4	/10		
Р3	APPLY MATERIAL AND LIGHT TO BED ROOM - BED, DRESSING AREA, TV WALL, WARDROBE (WITH MATERIAL AND LIGHT)			3	/10		
P4	APPLY MATERIAL AND LIGHT TO KITCHEN - DINNING AREA, FRIEDGE, ALL KITCHEN OBJECT			3	/10		
P5	APPLY MATERIAL AND LIGHT TO ELEVATION OF BUNGALOW WITH LANDSCAPE - 2 FLOOR REQUIRED, GARDEN, SWIMMING POOL, MAIN GATE, PARKING WITH CAR, ETC			6	/10		

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LEC.	TOPIC																	DA	TE		P/	Α	D	AY	FE	EDB	ACK	S	TU.	SIGI	N	FAC	ULT	Y SIC	GN
1	INTRODUCTION - BASIC INFORM - 3DS MAX LAYO UNIT SETTING	MATIC DUTS	ON				IGAT	ION	тос	DLS,	VISU	JAL :	ТҮА	λL,								-	1	/2	l	A C	В								
2	GEOMETRY SI - STANDARD PR EXTENDED PR -HEDRA, CHAMI	RIMIT RIMI	TIVE	ES							TOR	iUS,	EAF	PO ⁻	T, ET	C)						-	1	/2	-	A C	B D								
3	MAIN TOOLB SELECTION FIL - MOVE, ROTAT NAMED SELEC - MIRROR, ALIG	TER, E, SC	ALE N S	, SNA S ET	AP T	OC	GLE,							CT))									1	-	A C	B D								
4	EDITABLE POI - VERTEX (REMO - EDGE (RING, LI - POLYGON (EXT	OVE,	RE	MOV	Ε, Ε	ΧTΙ	RUDE	E, CH	HAM				CT)											2	l	A C	B D								
P1	TEMPLE TOP	(ED	ITA	BLE	POI	LY	USII	NG))													-		3	_	/	10								
5	COMPOUND BOOLEAN, PRO COPY:- COPY, TOOLS:- ARRA	OBOC INST	LE/	N, S CE, F	REFE	RE	NCE		OLS													-		1	-	A C	B D								
P2	COMPOUND	WAI	.L, î	2 GA	ΤE	DE	SIGI	N														•		4		/	10								
Р3	IMPORT CAD	FILE	ΑN	ID C	ON	VE	RT T	О 3	BD													-		2	_	/	10								
7	DOORS - PIVOT -BIFOLD - SLIDING		-	AWN PROJ PIVO	ING ECT	ED		-FIX -CA	(ED SEM IDIN													-		1		A C	B D								
8	AEC (FOLIAGE, STAIRS - STRAIGHT STA - I TYPE STAIR		LL, F	-U-	-TYP	E S	TAIR STAIF															-		1		A C	B D								
9	CREATE SHAP - SPLINES (LINE,		TAN	IGLE,	. CIR	:CL	E, TE	ΧΤ, Ι	ETC	.)												-		1	l	A C	B D								
P4	CREATE LOGO) DE	SIG	N																		-		3		/	10								
10	MODIFIERS - BEND, DISPLACE NOISE, OPTIMIZ TWIST, WAVE) SI	моо	πH,						-		2	i	A C	B D								
P5	CLOTH PILLOW AND M.	ATTF	RESS	ES	_		_		_	_	_	_	_			_					_			2	_	/	10								

11	SELECT IMAGE OF BEDROOM AD MAKE FURNITURE BED, CUPBORD ETC		4	/10	
12	CONVERT 3D BEDROOM WITH TH HELP OF BED ROOM IMAGE		4	/10	
P6	LIVING ROOM WITH THE HELP OF 3D SKY / 3D ARCHIVE		5	/10	
13	RENDER SETUP -SETTING OF IMAGE(SCANLINE RENDERER, NVIDIA MENTAL RAY, V-RAY ADV) MATERIAL - SCAN LINE MATERIAL {DIFFUSE (BITMAP)}		1	A B C D	
13 (A)	MATERIAL THEORY PPT -INFORMATION REFLECTION, REFRACTION, GLOSSINESS, BUMP		1	A B C D	
14	MENTAL RAY (ARCH DESIGN) - DIFFUSE (BITMAP) REFLECTION, REFRACTION, SELF ILLUMINATION - MAP (BUMP)		2	A B C D	
P7	GIVE MATERIAL TO PROJECT 6 TH		2	/10	
15	CAMERA EFFECTS -TARGET, FREE LIGHT (PHOTOMETRIC) - TARGET LIGHT, FREE LIGHT (INTENCITY/COLOR/ATTENUATION/SHAPES/AREA SHADOWS, ETC)		1	A B C D	
15 (A)	LIGHT THEORY PPT -DIFFERENT TYPES OF LIGHT AND INFORMATION		1	A B C D	
16	MENTAL RAY LIGHT -TARGET SPOT -FREE SPOT -TARGET DIRECT -FREE DIRECT -OMNI -SKY LIGHT		1	A B C D	
P8	GIVE LIGHT TO PROJECT 7 TH		2	/10	

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3DS	MAX VRAY	<u>′</u>																							T	ОТА	L DA	YS:		/30
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1	V-RAY SETTIN V-RAY MATERIA V-RAY LIGHT MA BUMP) EX. INTERIOR SC	LS ATERIA	ALS,	V-RA\	/ MT	L (DI	FFUSE ,	REFLO	CTIO	ON , RE	FRÆ	ACTION	١,						1	. ├─	2	B D								
P1	GIVE MATERIA -LIVING ROOM					СНЕ	N												7	_	/	10								
2	V-RAY LIGHT PLANE LIGHT (CC SPHERE LIGHT DEMO LIGHT (EX IFS LIGHT/ EX. IN	(TERIC	DR ۱	(IEW)															2	. ├	A	В								
P2	CREATE INTER -GIVE LIGHT TO					LAR	GE FIX	WIN	DO\	W									5	_	/	10								
3	V-RAY TWO SI	IDE N	ſΑT	ERIA	L FO	R CI	JRTAI	N AN	D LI	IGHT									2		A C	B D								
4	SUN LIGHT EX. EXTERIOR OF	BUN	GLA	.ow															2	,	A	B D								
5	FOREST PACK LIBRARY (PROPE		, DI:	STRIBU	JTIO	N) M	AP, ET	C											2	. ⊢	A C	B D								
Р3	APPLY MATER WITH LANDSC - 2 FLOOR REQU WITH CAR, ETC	APE IRED,																	5	_	/	20								
6	History Of TI PAGES SIZING RESOLUTION) EDIT MENU :-	FUN	CTI	N)NC	/EΒ,					PPS, 8	š								1	. ⊢	A	В								
7	SELECTION, CU PEN TOOL : PA MAGIC WAND	ATH (QUI	CK SE	LEC	OIT					00	L,							2	!	A C	B D								
8	SELECT MENU SELECT MENU						ERS, IV	ODE	CHA	ANGES	S								1	.	A	В								
9	BRUSH TOOL ERASER TOOL																		1	.	A C	В								

10	TEXT TOOL ALIGN TOOL		1	A B C D	
11	PEN TOOL :- PATH PATH :- ALL FUNCTIONS		1	A B C D	
12	LAYER STYLE		1	A B C D	
13	IMAGE MENU		2	A B C D	
14	EDIT MENU		1	A B C D	
P4	BROCHURE & PORTFOLIO		3	A B C D	

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