

INDIAN CAPSTONE PROJECTS COMPENDIUM

Student will get more than 100 practice hours



Sr No.	WORKOUTS	DESCRIPTION	AVAILABLE FOR MULTIPLE COMPANIES	MAXIMUM PROJECT DURATION (Minutes)	LEVEL
Accounting & Financial Analysis Basic					
	Finance Essentials	Basic excel and finance skills			
1	EMI Computation			30	Basic
2	Financial formulas			30	Basic
3	LTCG			30	Basic
4	Rule of 72			30	Basic
5	Preparing Financial Statements	Prepare a complete accounting statement from a listed company trial balance	Major listed companies	180	Intermediate
6	Ratio Analysis	Prepare ratios for a listed company based on its financial statements	Major listed companies	120	Intermediate
Managerial Acc & Ind AS Cases					
7	Cost Accounting	Creating cost sheet for Oriental Carbon and Chemicals		60	Intermediate
8	Marginal Costing	Creating cost sheet for Oriental Carbon and Chemicals		60	Advanced
9	Ind AS 109 - STFC	Computing provisioning required for loans based on delinquency		60	Advanced
10	Ind AS 116 - SpiceJet	Accounting for Lease has changed; Compute impact on profits		60	Advanced
11	Ind AS 115 - Mahindra Holidays	Accounting for Lease has changed; Compute impact on profits		60	Advanced
12	Dividend - Infosys	Consider 2 interim dividends, 1 special dividend, one bonus issue, 1 buy back to arrive at residual reserves and distributable profits for final dividend payment for Infosys limited		60	Advanced
13	Depreciation Policy - INEOS & Bhansali	Compare depreciation policy for 2 companies and explore its impact on profits		60	Advanced
Fixed Income Analysis					
14	Bond Valuation NHAI	Compute yields and analyse if the bond is attractive		60	Intermediate
15	Bond Valuation REC	Compute yields and analyse if the bond is attractive		60	Intermediate
16	Bond yield and impact on profits	PNB Gilts: Explore how PNB gilts benefitted from falling bond yields		60	Advanced
17	Predicting Benchmark Rate	Predicting RBI rate based on Taylor rule		60	Advanced
18	Asset Liability Management	Explore how India Bulls was impacted by Asset Liability mismatch		60	Advanced
Financial Modelling					
19	Financial Modelling Template with and without valuation linkings for all Companies	Assign partly completed financial modelling template. The candidate required to create a complete model. This is not auto scoring, but is designed for additional practice.	Major listed companies	120	Intermediate
20	Valuation Models - Listed Companies				
21	Kajaria Ceramics Ltd.	Create a financial model based on assumptions and work out its valuation		180	Advanced
22	Dr. Lal PathLabs Ltd.	Create a financial model based on assumptions and work out its valuation		180	Advanced
23	CEAT Ltd.	Create a financial model based on assumptions and work out its valuation		180	Advanced
24	Larsen & Tubro Technology Services	Create a financial model based on assumptions and work out its valuation		180	Advanced
Special Projects					
25	Embassy REIT - Modelling	Create Financial model based on assumptions and work out its attractiveness at IPO		180	Advanced
26	Project Finance - Deepak Phenolics Part 1	Create financial model to assess the Acetone project for Deepak Nitrate		120	Advanced

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27	Project Finance - Deepak Phenolics Part 2	Create financial model to assess the Acetone project for Deepak Nitrate		120	Advanced
28	Project Finance - Century Plyboards	Create financial model for MDF business to assess the project at launch and after 3 years		180	Advanced
29	Chennai Super Kings Valuation	Value Chennai Super Kings franchise based on a set of assumptions		180	Advanced
30	Vodafone Idea - Strategic Valuation	Value Voda IDEA based on strategic valuation		180	Advanced
Portfolio Analysis & Management					
31	Multi Asset Class	Compare Multi asset class returns		120	Intermediate
32	Beta	Compute stock beta and analyse	Major listed companies	60	Basic
33	SAPM - Mutual Fund	Assess mutual fund risk		90	Intermediate
34	SAPM - Auto Industry	Assess auto stock risk		90	Intermediate
35	Rolling Return - Rich Investor	Understand rolling return vs point to point returns		90	Basic
36	Rolling Return - Retiree	Understand rolling return vs point to point returns		90	Basic
37	Rolling Return - Conservative Investor	Understand rolling return vs point to point returns		90	Basic
38	Mutual Fund Computations	Compute NAV of a fund and its return ratios		90	Intermediate
Investment Banking Essentials					
39	Comprehensive Financial Analysis	Get the candidate to analyse any listed company and compare with our algorithm answers	Major listed companies	180	
40	What's in the Market Price	Calculate embedded perpetuity growth in share price	Major listed companies	30	Intermediate
41	Screener	Screen for companies based on certain criteria	Major listed companies	60	Basic
42	Leverage Finance	Should you borrow and invest		30	Intermediate
43	Pre & Post Money Valuation			30	Intermediate
Investment Banking Case Analysis					
44	Delta Corp - Policy Impact	Assess impact of new licence fee on profits		60	Advanced
45	Blue Star - Custom duty hike	Assess impact of new customs duty on sales and profits		60	Advanced
46	Ricoh - Corporate Governance	Assess issues faced by Ricoh due to corporate governance		60	Intermediate
47	8K Miles - Corporate Governance	Assess issues faced by 8 k miles due to corporate governance		60	Intermediate
Investment Banking M&A					
48	BoB, Vijaya, Dena	Assess merger synergies and swap ratios for BOB, Vijaya and dena bank		180	Advanced
49	Gruh Bandhan - Synergy	Assess merger synergies and swap ratio		120	Advanced
50	Gruh Bandhan - Impact Analysis	Assess merger synergies and swap ratio		120	Advanced
51	Swap Ratio Analysis	Assess swap analysis for 3 mergers		180	Advanced
52	Buyback - Small	Assess buy back - is it good to invest		120	Advanced
53	Buyback - General	Assess buy back - is it good to invest		120	Advanced

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Sr No.	WORKOUTS	DESCRIPTION	AVAILABLE FOR MULTIPLE COMPANIES	MAXIMUM PROJECT DURATION (Minutes)	LEVEL
Taxation					
54	Tax Basic (Computation)			30	Basic
55	Taxation - Salaried Individuals			30	Basic
56	Income from house property			30	Basic
57	Presumptive Tax 44ADA	Small Professional Taxation		30	Intermediate
58	Presumptive Tax 44AD PGBP	Small business taxation		30	Intermediate
59	GST Basics	How does GST work for a small business		30	Intermediate
60	GST Input tax credit	How does GST work for a small business		60	Intermediate
Credit Rating					
61	Credit Rating - Trident	Rate Trident limited and decide if loan can be given and also price the loan based on given pricing criteria		180	Advanced
62	Credit Rating - Sterlite	Rate Trident limited and decide if loan can be given and also price the loan based on given pricing criteria		180	Advanced
Portfolio Simulation Game					
63	Game 1 - 12 listed companies	Experience building real equity portfolio with live excel models and broker notes. Play 1 practice simulation with 8 companies and 1 final simulation with 18 companies. The simulation companies are back dated to 1 year back and you are to select your best companies for investment with a 1 year view. The simulator will compute the returns generated by your selection over the 1-year period and also show what went right and what went wrong.		180	Advanced
64	Game 2 - 18 listed companies	Experience building real equity portfolio with live excel models and broker notes. Play 1 practice simulation with 8 companies and 1 final simulation with 18 companies. The simulation companies are back dated to 1 year back and you are to select your best companies for investment with a 1 year view. The simulator will compute the returns generated by your selection over the 1-year period and also show what went right and what went wrong.		300	Advanced

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