

- a) (coling repedly to 700°C, held for 10° see, quenched to room tout :
- After cooling till 700°c. for 10° sec, 50°60 specimin is coarse pearlite, whom cooling to room tent remaining 50°6 brokening martenite. finally we have 50°6 pearlite, 50°6 marlenite
- 5) Reheating to 700°C | ar 20h.
 - -> We will have 600 % spherodite
- c) Ropally cooled to 600°C, held fartise, respectly to 450°C, held for 10 see We have 50°6 poorliet, 25°1. baincle \$25°% martonaito d) Rapally cooled to 400°C, for held for 2 rec, Men quenched We have 100% martenaite

- e) Coded to hoo'c, hold for 20 sec, then grundled to moan temp -> We have 40°6 baincle & 60°6 martenide
- 6) lack rapidly to 400°C, hald for 2000, men quench to room tent. -> We have 100% hamte
- g) Rapidly wooled to 575°C, held for 205, napidly cooled to 350°C held for loos, hen quenched to recom temp. -> We will have loo'/o fine pearlite.
- (h) Rapidly coal to 250°C, held for loos, quenched to room temp in water, Reheated to 315°C for I h and slawly created to room

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-> We will have 100° 10 tompored nexton martensite

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