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6494

Register No. :

Name of the Candidate :

M.B.A. DEGREE EXAMINATION, 2011

SECOND YEAR

(PAPER–XV)

355/273. PRODUCTION PLANNING CONTROL AND MAINTENANCE

(Common with M.B.A. Three year Programme with 75 marks Maximum)

December) (*Time: 3 Hours*

Maximum: 100 Marks

All questions carry equal marks

SECTION – A ***(5×5=25)***

Answer any FIVE questions

1. What is Production Planning?
2. Define and discuss routing sheets with example.
3. State the needs for forecasting.
4. List down the uses of sales and demand forecasting in planning.
5. Distinguish between Inspection and Quality Control.
6. What do you understand by AQL? Discuss and illustrate.
7. What are the common mistakes identified while using the control charts.
8. Give a brief note on Silver Meal Approach.

SECTION – B ***(3×15=45)***

Answer any THREE questions

9. Should Cost be primary criterion in production planning? Explain.
10. Explain the concept of EOQ with all assumptions.
11. Explain the quantitative methods of forecasting.
12. Elucidate the blue print of Process Planning.
13. Discuss the assignments of machines by indicator method.

SECTION – C ***(1×15=15)***

Answer any ONE question

14. Discuss and illustrate Perpetual and Periodical Order Scheduling.
15. Compare the merits and demerits of preventive and breakdown maintenance.
16. Describe and illustrate Process Capability Analysis.
17. Describe in detail job shop scheduling with the frame of reference of priority decision rules.

SECTION – D *(1×15=15)*

Compulsory

18. Find EOQ when the monthly requirement of the material is 30,000 units, cost of material is Rs.3,200 per lot of 25 units, ordering cost per order is Rs.1,000, and fraction of carrying cost is Rs.0.25 per unit per year. Also, find out the number of orders per year and time between Successive orders.

jkpHhf;fk;

gFjp - m

(5×5=25)

VnjDk; le;J tpdhf;fSf;F tpilaspf;ft[k;

1. cw;gj;jp jpl;lkply; vd;why; vd;d?
2. ‘fr;rhg; bghUs; cw;gj;jpf;F bry; epiy tHpfhl;oj;jhs;’ vd;gij tiuaiw bra;J tpsf;Ff.
3. bghUs; njit Kd;fzpg;gpd; njitfis tpthp.
4. jpl;lkplypy; tpw;gid kw;Wk; njit mstpid Kd;Tl;o fzpj;jypd; gad;fis gl;oaypLf.
5. Ma;t[kw;Wk; juf; fl;Lg;ghL Mfpaitfis ntWgLj;jpf; fhl;Lf.
6. AQL vd;why; vd;d? tpthpf;f.
7. fl;Lg;ghl;L ml;ltiziag; gad;gLj;jp ve;jtpjkhd bghJj; jtWfisf; fz;Lgpof;fyhk;.
8. bts;sp czt[mQFKiw (Silver Meal Approach); gw;wp rpW Fwpg;g[tiuf.

gFjp - M

(3×15=45)

VnjDk; _d;W tpdhf;fSf;F tpilaspf;ft[k;

9. cw;gj;jp jpl;lkplypy; mlf;f tpiy xU Kf;fpa fhuzpah? tpsf;Ff.
10. cj;jk mst[ruf;fpUg;g[(EOQ) vd;w nfhl;ghl;il mjd; mDkhd';fSld; tpsf;Ff.
11. mst[mog;gil Kiwapy; Kd;fzpg;g[Kiwapid tpsf;Ff.
12. cw;gj;jp Kiw jpl;lkplypd; khjphp tiug;glj;ij (Blue Print) tpsf;Ff.
13. ,ae;jpu';fSf;F xJf;fg;gLk; gad;fis fhl;Lthd; Kiwapy; (Indicator method) tpsf;Ff.

gFjp - ,

(1×15=15)

VnjDk; xU tpdht[f;F tpilaspf;ft[k;

14. bjhlh; kw;Wk; mt;tg;nghJ cw;gj;jp jpl;lj;ij tFg;gij tpsf;Ff.
15. Kd; vr;rhpf;if guhkhpg;g[kw;Wk; jil te;jgpd; guhkhpg;g[Mfpaitfspd; rpwg;g[fs; kw;Wk; FiwghLfis xg;gpLf.
16. cw;gj;jp Kiw bra;aty;y mst[Ma;tpid tpthpf;f.

17. Miy cw;gj;jp bra;tHp Kot[fis tpsf;Ff.

gFjp - < **(1×15=15)**

fl;lha tpdh

18. khjhe;jpu fr;rhg; bghUs; njit 30/000 ld;fs;/ fr;rhg; bghUs; tpiy myF fj;ij xd;Wf;F %. 3/200/ xUfj;ijapy; cs;s myFfs; 25 MFk;. Miz bryt[xU Mizf;F %.1000. xU a{dpl;Lf;F Mz;blhd;Wf;fhFk; Fiw mst[%.0.25. cj;jk mst[(EOQ) fz;Lgpof;f. nkYk; xU Mz;od; Miz mst[k;/ xt;bthU Mizf;Fk; ,ilna cs;s fhy msita[k; fzf;fpLf.

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