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Register No. :

Name of the Candidate:

DIPLOMA EXAMINATION, 2010

(COMMERCIAL FLORICULTURE)

(PAPER – II)

120. PRODUCTION TECHNOLOGY AND COMMERCIAL FLOWER CROPS

December)

(Time: 3 Hours

Maximum: 100 Marks

I. Choose the correct answer for any TEN of the following. (10×1=10)

1. The botanical name of tuberose is
a) *Celosia Cristata* b) *Polianthus tuberose* c) *Crossandra infundibuliformis*
2. Pinching is
a) Removal of branches b) Removal of flower buds c) Removal of terminal shoots
3. Delhi *Crossandra* is propagated through
a) Seeds b) Cuttings c) Layering
4. *Nerium* belongs to the family
a) *Rosaceae* b) *Amaranthaceae* c) *Apocynaceae*
5. The chemical used for shelf life extension
a) 8 HQC b) Sugar c) CCC
6. Disbudding is practiced in
a) Rose b) Jasmine c) Marigold
7. *Chrysanthemum* is propagated by
a) Cuttings b) Suckets c) Rummets
8. Ikebana is a type of
a) Floral arrangement b) Training c) Pruning
9. The famous flower market 'Nilakottai' located at
a) Salem District b) Vilupuram District c) Dindigul District
10. Which is the leading state for loose flower cultivation and production
a) Karnataka b) Tamil Nadu c) Andhra Pradesh

11. Jasmine belongs to the family
a) Acanthaceae b) Verbenaceae c) Oleaceae
12. The product Gulkhand prepared from
a) Jasmine b) Rose c) Tuberose

II. Define any FIVE of the following **(5×2=10)**

1. Ikebana
2. Semi handwood cuttings
3. Absolute
4. Ethylene
5. Disbudding
6. Layering
7. Pinching

III. Write short notes on any FIVE of the following **(5×4=20)**

1. Pruning in Rose
2. Harvesting in Jasmine
3. Packaging or rose for export.
4. Fertilizer done for tuberose
5. Propagation of Nerium
6. Dry flower technique
7. Area and production of flower crops – Tamil Nadu

IV. Write detailed answer for any FIVE **(5×12=60)**

1. Write an essay on scope, importance, area and production of commercial flowers in India.
2. Give detailed account on Rose cultivation.
3. What is flower arrangement? Explain methods and types of flower arrangement.
4. Explain step wise methods of concrete extraction process.
5. Production technology of Tuberose
6. Propagation methods of following Jasmine, crossandra and nerium.

7. Production technology of Chrysanthemum – Explain.

ikpHhf;fk;

I.

gpd;tUtdtw;Ws; gj;J nfs;tpfSf;F kl;Lk; rhpahd tpiliaj; njh;e;bjLj;J vGJf.

(10×1=10)

1. rk;g';fpapd; jhtutpay; bgah;

m) brnyhtpah fphp!;nll;lh M) ghypahe;j!; ,) oa{lnuhrh

<) fpurhd;uh ,d;gd;og[ypggh;kp!;

2. Edpfps;Sjy; vd;gJ

m) Edpjsph;fis mfw;Wjy; M) fpisfis mfw;Wjy;

,) g{ bkl;Lf;fis mfw;Wjy;

3. bly;yp fdfhk;guj;ij ,dtpUj;jp bra;ag; gad;gLtJ

m) tpj M) jz;Lf; Fr;rp ,) jiug;gjpad;

4. muypapd; FLk;gk;

m) nuhrrpna M) mkuhe;njrpna ,) mnghirndrpna

5. g{f;fspy; mWtilf;F gpd;rh; thH;ehis mjpfhpf;fg; gad;gLk; ntjpg;bgHUs;

m) 8 HQC M) bty;yk; ,) CCC

6. ve;jg; gaphpy; bkhl;Lf; fps;Sjy; vd;gJ xU Kf;fpakhd a[f;jpahf fUjg;gLfpwJ

m) nuh#h M) ky;ypif ,) brz;L ky;yp

7. brt;te;jpia ,dtpUj;jp bra;ag; gad;gLtJ

m) jz;Lf; Fr;rp M) gf;ff; fd;W ,) xLbfhofs;

8. ,f;fghd vd;gJ

m) g{ ntiyg;ghL M) bro xG';F gLj;Jjy; ,) fthj;J Kiw

9. gpurj;jp bgw;w “epyf;nfh;l;il” g{f;fs; re;ij ve;j khtl;l;jjpy; cs;sJ

m) nryk; khtl;lk; M) tpGg;g[uk; khtl;lk; ,) jpz;Lf;fy; khtl;lk;

10. cjphpg; g{f;fs; cw;gj;jpapy; Kd;dpiy tfpf;Fk; khepyk;
m) fh;ehlfh M) jkpH;ehL ,) Me;jpug; gpunjrk;
11. Fz;Lky;ypapd; FLk;gk;
m) mfhe;njrpna M) bth;gpndrpna ,) xypnarpna
12. 'Fy;fe;J' gpd;tUtdtw;wpy; vjpypUe;J bgwg;gLfpwJ
m) ky;ypif M) nuh#h ,) rk;g';fp

II. gpd;tUtdtw;Ws; le;J nfs;tpfSf;F kl;Lk; tiuaW (5×2=10)

1. ,f;fpghdh
2. kpj ,Wfpa jz;Lf;Fr;rp
3. Rj;jkhd bkGF (mg;rrhl;)
4. g{ bkhl;L fps;Sjy;
5. gjpad;
6. Edpfps;Sjy;

III. gpd;tUtdtw;Ws; le;J nfs;tpfSf;F kl;Lk; rpWFwpg;g[tiuf. (5×4=20)

1. nuh#htpy; fthj;J Kiw
2. ky;ypifapy; mWtil El;g';fs;
3. Vw;Wkjpf;F Vw;g nuh#htpy; rpg;gkpljy;
4. cug;ghpe;Jiu - epyrk;g';fp
5. muypapy; ,dtpUj;jp
6. cyh; kyh;fs; bjhHpy;El;g';fs;

7. cjphpg; g{f;fs; gug;gst[kw;Wk; cw;gj;jp - jkpH;ehL

IV. gpd;tUtdtw;wpy; VnjDk; le;J nfs;tpfSf;F kl;Lk; tphpthf tpilaspf;ft[k;. (5×12=60)

1. ,e;jpahtpy; kyh;fspd; Kf;fpaj;Jtk;/ vjph;fhy tha;g;g[/ gug;gst[kw;Wk; cw;gj;jp gw;wp tphpthf vGJf.

2. nuh#htpd; rhFgo El;g';fis tphpthf tpthp.

3. g{f;fs; totikg;g[vd;why; vd;d? mjd; Kiwfs; kw;Wk; tiffis tpthp.

4. thrid bkGF gphpj;bjLf;Fk; Kiwia tpsf;Ff.

5. rk;g';fpapd; rhFgo El;g';fis tphpthf vGJf.

6. fPH;f;fz;l kyh;fspd; ,dtpUj;jp Kiwia tpsf;Ff.
m) ky;ypif M) fdfhk;guk; ,) musp

7. brt;te;jpapd; rhFgo El;g';fis gw;wp tphpthf vGJf.
