

2012

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Course : B.C.A. (2nd YEAR)

Composition : Hindi

Time : 3 hours

Full Marks : 100

Candidates are required to give their answers in
their own words as far as practicable.

परीक्षार्थी यथासंभव अपने शब्दों में ही उत्तर दे .

The figures in the margin indicate full marks .

उपांत के अंक पूर्णांक के घोतक है .

निर्देशानुसार प्रश्नों के उत्तर दीजिए .

1- fuEukafdr iz'uksa esa ls fdUgh rhu ds mRrj nhft, %

15x3=45

1/4d1/2^ ;'kks/kjk* esa fl)kFkZ ds egkfufu" dze.k dh izsjd ifjfLFkfr;ksa
dk

xqIr th us ekfeZd o.kZu fd;k gSA bl mfDr dk ijh{k.k dhft,A

1/4[k1/2 ;'kks/kjk ds fojg&o.kZu dh fo'ks"krk,Wa crkb,A

countinue

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$\frac{1}{4}x^{\frac{1}{2}}$ ^dq: {ks=* dkO; esa eq[; leL;k D;k gSa\ fnudj us ml leL;k dk
fp=.k fdl izdkj fd;k gS\

$\frac{1}{4}k^{\frac{1}{2}}$ ^dq: {ks=* ds ;qf/kf"Bj dk pfj=kadu dhft,A

$\frac{1}{4}M^{-\frac{1}{2}}$ ^;K* vFkok ^gejkj lkaLd` frd iru* 'kh"kZd fuca/k esa of.kZr
ys[kdh;

fopkjksa dk izfriknu dhft,A

2- fuEukafdr vorj.ksa esa ls fdUgha rhu dh lizlax O;k[;k dhft, %
 $10 \times 3 = 30$

$\frac{1}{4}d^{\frac{1}{2}}$ ejus dh tx thrk gSA
fjlrk gS tks jU/kziw.kZ ?kV]
Hkjk gqvk Hkh jhrk gSA

$\frac{1}{4}[k^{\frac{1}{2}} iM+h jg rw esjh Hko&HkqfDr!$
eqfDr gsrq tkrk gwWa ;g eSa] eqfDr] eqfDr] cl eqfDrA
esjk ekul&gal lqusxk vkSj dkSu lh ;qfDr\
eqDrkQy fu}ZU} pqusxk] pqu ys dksbZ 'kqfDrA

$\frac{1}{4}x^{\frac{1}{2}}$ ml lr; ds vk?kkr ls
gSa >u>uk mBrh fkjk,W izk.k dh vlgk;&lh]
lglk foiaph ij yxs dksbZ vifjfpr gkFk T;ksaA
og fryfeyk mBrk] exj]
gSa tkurk bl pksV dk mRrj u mlds ikl gSaA

$\frac{1}{4}k^{\frac{1}{2}}$ {kek 'kksHkrh ml Hkqtax dks]
ftlds ikl xjy gksA
mldks D;k tk nUrghu
fo"kjfgr] fouhr] lji gksA

$\frac{1}{4}M+\frac{1}{2}$ g,nh tc rd ugha yxrh] rc rd 'osr&ls&'osr oL= vifj/ks; gh cuk jgrk gSaA gYnh tc rd ugha] rc rd dkSek;Z vifj/ks; gh jgrk gSaA gYnh tc rd ugha iM+rk rc rd jlorth vizs; gh jgrh gSaA

$\frac{1}{4}p\frac{1}{2}$ vki /keZ dh j{kk djks /keZ vkidh j{kk djsxkA mldk vlyh rkRi;Z ;gh gS fd ge i;kZoj.k ds bu fofHkUu Lrjksa dks ifj'kq) cuk;s j[ksa vkSj muesa vkil esa ,d lkeatL; cuk jgsA

3- fuEukafdr y?kq mRrjh; iz'uks esa ls fdUgha rhu ds mRrj nhft, %

$5 \times 3 = 15$

$\frac{1}{4}d\frac{1}{2}$ ^;'kks/kjk* esa xqiz th Hkk"kkA

$\frac{1}{4}[k\frac{1}{2}$ ^dq:{ks=* dk "k"B lxZA

$\frac{1}{4}x\frac{1}{2}$ fuca/k ds izdkjA

$\frac{1}{4}k\frac{1}{2}$ dkdk dkysydj dk ;k=k&o'rA

$\frac{1}{4}p\frac{1}{2}$ jkgqy&;'kks/kjk dk laoknA

$\frac{1}{4}N\frac{1}{2}$ pEiw dkO;A

4- fuEukafdr oLrqfu"B iz'uksa ds mRrj nhft,A

1 x 10

(i) ^dq:{ks=* esa fdrus lxZ gSa\

(ii) ^;'kks/kjk* esa uan vkSj egkiztkirh dkSu gSa\

(iii) ^lizlkxj egknku* fdldh jpu gSa\

(iv) gfj'kadjijlkbZ fdl izdkj ds ys[ku ds fy, izfl) gSa\

**countinue
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(v) fo|kfuokl feJ fdl lkfgfR;d fo/kk ds fy, tkus tkrs gSa\

(vi) ^vkvks gks cuoklh* fdld mfDr gSa\

- (vi) ^Hkkjr&Hkkjrh* fdldh jpu gSa\
- (vii) lcls cM+k /keZ gSa uj dk] lnk izTofyr jguk* fdl iqLrd dh
iafDr gSa]
- (ix) ^jloarh* fdlh jpu gSa\
- (x) vkbZ gqbZ e`R;q fdlds b'kkjs ij Bgj xbZ Fkh\

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