

Name :-

Date :- 26-11 -2007

Pre test question paper

1)C.F.C. stands for ?

2) Name the chemical formula of R-12 .

.....

3) Name the chemical formula of R-22

.....

4) what is the standing pressure of R-12 & R-22 ?

.....

5) Why does CFC refrigerant phase out ?

6)Name the different alternatives to R-12 ?

7) Why does C.T.C. phase out ?

.....

8)Which is the chemical to be used for cleaning in place of C.T.C?

9)Which substance in CFC refrigerant deplects the Ozone layer ?

10)Where POE Oil used ?

.....

11) Have you worked with another refrigerant other than R-12 ?

- 12) State disadvantage of using R-12 (from environment point of view)
- 6 H.F.C. stands for ?
- 7 Which among the following are HC Blends? (Cross the wrong, tick the correct)
- 1) HC 290 2) HC 600 A 3) Care 30 4) Hychill
- 8 Have you heard about HC refrigerant?
- 9 When should a CFC Appliance be retrofitted?
- 10 What does ODP stand for?
- 11 What does GWP stand for?
- 12 What is a Lock ring?
- 13 HCFCs have high GWP. Yes / No
- 14 Retrofitting with HC is easier than Retrofitting with R-134a. Yes / No
- 15 Can a switch be regarded as ignition source . Yes / No
- 16 It is necessary to recover CFC refrigerant for environmental safety .
Yes / No
- 17 Same recovery machine can be used for different refrigerants .
Yes / No
- 18 The refrigerant R-12 has highest ODP value . Yes / No
- 19 Hydrocarbons have no ODP value . Yes / No
- 20 A person may suffocate by breathing HFCs in high
Concentration . Yes / No
- 21 The Montreal protocol sets phase out schedule of ODS
substances . Yes / No
- 25) It is safe to vent out HC refrigerant to atmosphere .Yes / No

Name :-

Date :- 16-02-2008

post test question paper

1) What is ozone layer? and how it is formed?

2) What are the commonly used ozone depleting substances used in refrigeration and air conditioning?

8) What is the O.D.P value of R-12 ?

9) Name the different alternatives to R-12 ?

10) Which is the chemical to be used for cleaning in place of C.T.C?

10) Does the ODS regulation stipulate phase out of following Refrigerants say yes or no ?

- | | | | |
|-------------|-------|---------|-------|
| 1) R-12 | | 2) R-22 | |
| 3) HFC-134A | | 4) HCs- | |

11) What are the main safety issues for handling HCs ?

12) What are the precaution to be taken in handling of POE Oil?

13) State the amount of charge of HC used in comparisons to R-12?

14) Which among the following are HC Blends? (Cross the wrong, tick the correct)

- 1) HC 290 2) HC 600 A 3) Care 30 4) Hychill

14) What is Zeotropic Blend?

15) When should a CFC Appliance be retrofitted?

16) What does ODP stand for?

17) What does GWP stand for?

18) What is a Lock ring?

19) HCFCs have high GWP. Yes / No

20) Retrofitting with HC is easier than Retrofitting with R-134a.
Yes / No

21) Can a switch be regarded as ignition source . Yes / No

22) It is necessary to recover CFC refrigerant for environmental safety
Yes / No

23) Same recovery machine can be used for different refrigerants .
Yes / No

24) The refrigerant R-12 has highest ODP value . Yes / No

25) Hydrocarbons have no ODP value . Yes / No

26) A person may suffocate by breathing HFCs in high
Concentration . Yes / No

27) The Montreal protocol sets phase out schedule of ODS
substances . Yes / No

28) It is safe to vent out HC refrigerant to atmosphere .Yes / No

Name:-

Date :- 11-5-09

Pre test question paper

1) What is ozone layer, and how it is formed?

vks>kksu ysvj D;k gS] og dSls curk gS ?

2) What are the commonly used ozone depleting substances used in refrigeration and air conditioning?

jsfizQtjs'ku vkSj ,vjdaMh'ku esa ges'kk bLrseky gksusokys vkSj vks>kksu dks gkuh igqWapkusokys dkSuls lCkLVaslsal gS ?

3) What is the O.D.P value of R-12 ?

R-12 dh O.D.P OgWY;w D;k gS ?

4) Name the different alternatives to R-12 ?

R-12 dsk dkSuls fofo/k i;kZ; gS] uke fys[ksa ?

5) Which is the chemical to be used for cleaning in place of C.T.C ?

dkSulk jlk;u \$ dsfedy C.T.Cds cnys(flLVhe) liQkbZ ds fy;s bLrsekyfd;k tkkusa rk gS?

6) Does the ODS regulation stipulate phase out of following Refrigerants say yes or no ?

jsX;qys'ku vWDV ds vuqlkj uhps fn;s gq, dkSuls ODS lCkLVaslsal iQst vkmV djus gS ? gkW \$ uk fy[ks

1) R-12 2) R-22

3) HFC-134A 4) HCs-

7) What are the main safety issues for handling HCs ?

HCs bLrseky djrs oDr dkSulh lqj{kk ysuh pkfg;s ?

8) What are the precaution to be taken in handling of POE Oil?

POE Oil bLrseky djrs oDr dkSulh lko/kkfu;kWa cjruh pkfg;s ?

9) State the amount of charge of HC used in comparisons to R-12?

R-12 fd rqyuk esa HC fdrus izfr'kr pktZ djuk pkfg;s ?

10) Which among the following are HC Blends? (Cross the wrong, tick the correct)

uhps crk;s x;s i;kZ;esals HC Blends dkSulk gS
(xyr tokc dkV nsa] lgh tokc funsZf'kr djsa)

1) HC 290 2) HC 600 A 3) Care 30 4) Hychill

11) What is Zeotropic Blend?

f>kvksV!kWihd CysaM dk eryc D;k gS ?

12) When should a CFC Appliance be retrofitted?

CFC vIykz;al jsV!ksfiQV dc djuk pkfg;s ?

13) What does ODP stand for?

ODP dk eryc (iQqy iQkWeZ) D;k gS ?

14) What does GWP stand for?

GWP dk eryc (iQqy iQkWeZ) D;k gS ?

15) PTC stand for?

PTC dk eryc (iQqy iQkWeZ) D;k gS ?

16) HCFCs have high GWP. ? Yes / No

HCFCs fd GWP T;knk gS D;k ? gkW \$ uk

17) Retrofitting with HC is easier than Retrofitting with R-134a. ? Yes / No

HC ds lkFk cnyko djuk R-134a ds eqdkcys vklku gS
D;k ? gkW \$ uk

18) Can a switch be regarded as ignition source ? Yes / No

D;k bysfDV!d Lohp vkx iSnk dj ldrk gS ? gkW \$ uk

19) It is necessary to recover CFC refrigerant for environmental safety ? Yes / No

D;k okrkoj.k Dh lqj{kk ds fy;s CFC jsfizQtjsaV
tek djuk tjQjh gS ? gkW \$ uk

20) Same recovery machine can be used for different refrigerants ? Yes / No

D;k ,d fjDgjh e'khu vyx vyx jsfizQtjsaV ds fy;s
bLrseky fd;k tk ldrh gS ? gkW \$ uk

21) The refrigerant R-12 has highest ODP value ? Yes / No

R-12 dk ODP OgWY;q lcls T;knk gS ? gkW \$ uk

22) Hydrocarbons have no ODP value ? Yes / No

gk;M!ksdkcZu dks ODP OgWY;w ugh gS ? gkW \$ uk

23) A person may suffocate by breathing HFCs in high Concentration ? Yes / No
D;k HFC fd ek_kk T;knk gksusls vkneh dks lkWal
ysus esa dfBukbZ gksrh gS ?S gkW \$ uk

24) The Montreal protocol sets phase out schedule of ODS substances ? Yes / No
Montreal fu;eksa ds vuqlkj ODS lclVsaLaksl can djus
izfdz;k lqjQ gks xbZ gS ? gkW \$ uk

25) It is safe to vent out HC refrigerant to atmosphere .Yes / No
D;k HC [kwyh gok esa NksMuk lgh gS ? gkW \$ uk

Name :-

Date :-

Post test question paper

1) What is ozone layer, and how it is formed?

vks>kksu ysvj D;k gS] oks dSls curk gS ?

2)What are the commonly used ozone depleting substances used in refrigeration and air conditioning?

jsfizQtjs'ku vkSj ,vjdaMh'ku esa ges'kk bLrseky
gksusokys vkSj vks>kksu dks gkuh igqWapkusokys
dkSuls lCkLVaslsal gS ?

3)What is the O.D.P value of R-12 ?

R-12 dh O.D.P OgWY;w D;k gS ?

4)Name the different alternatives to R-12 ?

R-12 dsk fofo/k i;kZ; ds uke\$ R-12 dsk dkSuls fofo/k
i;kZ; gS] uke fys[ksa ?

5)Which is the chemical to be used for cleaning in place of C.T.C ?

dkSulk jlk;u \$ dsfedy C.T.Cds cnys liQkbZ ds fy;s
bLrseky fd;k tk ldrk gS ?

6)Does the ODS regulation stipulate phase out of following Refrigerants say yes or no ?

1) R-12 2) R-22
 3) HFC-134A 4) HCs-
 jsX;qys'ku vWDV ds vuqlkj uhps fn;s gq, dkSuls
 ODS lCkLVaslsal iQst vkmV djus gS ? gkW \$ uk fy[ksa

1) R-12 2) R-22
 3) HFC-134A 4) HCs-

7) What are the main safety issues for handling HCs ?

HCs bLrseky djrs oDr dkSulh lqj{kk ysuh pkfg;s ?

8) What are the precaution to be taken in handling of POE Oil?

POE Oil bLrseky djrs oDr dkSulh lko/kkfu;kWa cjruh
 pkfg;s ?

9) State the amount of charge of HC used in comparisons to R-12?

R-12 fd rgyuk esa HC fdrus izfr'kr pktZ djuk
 pkfg;s ?

10) Which among the following are HC Blends? (Cross the wrong, tick the correct)

1) HC 290 2) HC 600 A 3) Care 30 4) Hychill
 uhps crk;s x;s i;kZ;esals HC Blends dkSulk gS (xys
 tokc dkV nsa] lgh tokc funsZf'kr djSa)
 1) HC 290 2) HC 600 A 3) Care 30 4) Hychill

11) What is Zeotropic Blend? f>kvksV!kWihd CysaM dk eryc D;k gS ?

12) When should a CFC Appliance be retrofitted?

CFC vIykz;al jsV!ksfiQV dc djuk pkfg;s ?

13) What does ODP stand for?

ODP dk eryc (iQqy iQkWeZ) D;k gS ?

14) What does GWP stand for?

GWP dk eryc (iQqy iQkWeZ) D;k gS ?

15) What does POE Oil stands for?

POE vkWbZy dk iQqyiQkWeZ D;k gS ?

16) HCFCs have high GWP. ? Yes / No

HCFCs fd GWP T;knk gS D;k ? gkWa \$ uk

17) Retrofitting with HC is easier than Retrofitting with R-134a. ? Yes / No

HC ds lkFk cnyko djuk R-134a ds eqdkcys vklku gS
 D;k ? gkW \$ uk

18) Can a switch be regarded as ignition source ? Yes / No

D;k bysfDV!d Lohp vx x iSnk dj ldrk gS ? gkW \$ uk

19) It is necessary to recover CFC refrigerant for environmental safety ? Yes / No

D;k okrkoi.k ds izHkkols cpus ds fy;s CFC jsfizQtjsaV tek djuk tjqjh gS ? gkW \$ uk

20) Same recovery machine can be used for different refrigerants ? Yes / No

D;k ,d fjdoqjh e'khu vyx vyx jsfizQtjsaV ds fy;s bLrseky fd;k tk ldrk gS ? gkW \$ uk

21) The refrigerant R-12 has highest ODP value ? Yes / No

R-12 dk ODP OgWY;q lcls T;knk gS ? gkW \$ uk

22) Hydrocarbons have no ODP value ? Yes / No

gk;M!ksdkcZu dks ODP OgWY;w ugh gS ? gkW \$ uk

23) A person may suffocate by breathing HFCs in high Concentration ? Yes / No

D;k HFC fd ek_kk T;knk gksusls vkneh dks lkWal ysus esa dfBukbZ gksrh gS ?S gkW \$ uk

24) The Montreal protocol sets phase out schedule of ODS substances ? Yes / No

D;k fu;eksa ds vuqlkj ODS lcLVsaLaksl can djus izfdz;k lqjQ gks xbZ gS ?

25) It is safe to vent out HC refrigerant to atmosphere .Yes / No

D;k HC [kwyh gok esa NksMuk lgh gS ? gkW \$ uk

