(A) MVOT
(B) YVCT
(C) YJCT
(D) MVCT

Q2 Select the Venn diagram that correctly represents the classes given below.
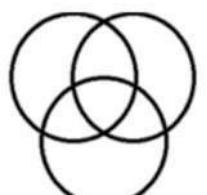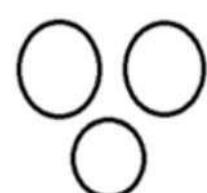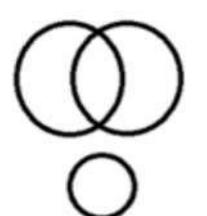
Wives, Lecturers, Working Mothers

(A)

(B)

(C)

(D)

Q2 ml osu vkjs[k dk p;u djsa tk uhp fn, x, oxks± dk lgh <ax ls izfrfuf/kRo djrk gSA

ifRu;k¡] O;k[;krk] dkedkth ekrk,¡

(A)

(B)

(C)

(D)
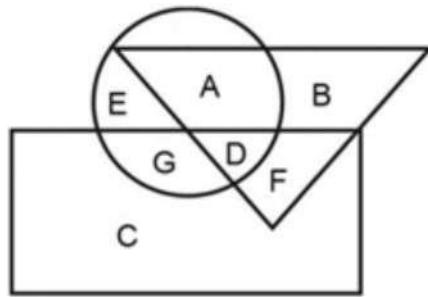
- (A) A
- (B) E
- (C) D
- (D) G

Q4 Select the correct water image of the given characters.

MOTHERLAND

- (A) WOLHEAJ**Я**ИD
- (B) **Ơ**И**А7Я**ЭН⊥OW
- (C) WO⊥HER**⅃**AИD
- (D) **ƠИА7Я**ЭН⊥OW

Q5 Select the term that is related to the third term in the same way as the second term is related to the first term.

Cheerful : Morose : : Valiant :?

- (A) Absurd
- (B) Ideal
- (C) Idle
- (D) Coward

- (A) A
- (B) E
- (C) D
- (D) G

Q4 uhps fn, x, v{kjk dh lgh ty Nfo dk p;u djA

MOTHERLAND

- (A) WOLHEAJ**Я**ИD
- (B) **ƠИА7Я**ЭН⊥OW
- (C) WO⊥HER**⅃**AИD
- (D) **ƠИА7Я**ЭН⊥OW

Q5 ml fodYi dk p;u dj tks rhljs "kCn ls mlh rjg lacaf/kr gS] ftl izdkj igyk "kCn nwljs "kCn ls lacaf/kr gSA

izQqfYyr % #[kk % % cgknqj % \

- (A) ÅViVkax
- (B) vkn"kz
- (C) lqLr
- (D) dk;j

(B) Exhausted
(C) Greedy
(D) Anxious

Q7 Select the option that correctly fills in the blank and completes the series.

ay, cw, eu, gs, iq, ko, _____

(A) nm
(B) mm
(C) mn
(D) nn

Q8 If all the letters appearing at the odd number positions in the English alphabet are removed, then what will come at the 9th place in the new alphabet series?
(A) Letter R
(B) Letter S
(C) Letter Q
(D) Letter P

Q9 Consider the following series of letters and numbers.
ZBN#$MAL@23l8nS$$59nhfpWn$#l 12EhaI

What comes at the 5th position to the right of the 15th character from the right?

(A) $
(B) W
(C) n
(D) #

Q7 ml fodYi dk p;u djsa tks fjDr LFkku dk lgh <ax l Hkjrk gS vkj J`a[kyk dks iwjk djrk gSA

ay, cw, eu, gs, iq, ko, _____

(A) nm
(B) mm
(C) mn
(D) nn

Q8 ;fn vaxszth o.kZekyk e fo'ke la[;k LFkkuksa ij fn[kkbZ nsus oky lHkh v{kj gVk fn, tkrs gSa rks ub o.kZekyk J`[kyk es 9o LFkku ij dkSu lk v{kj gksxk\
(A) v{kj R
(B) v{kj S
(C) v{kj Q
(D) v{kj P

Q9 fuEu v{kjksa vkj la[;kvksa dh J`a[kyk ij fopkj djsa %
ZBN#$MAL@23l8nS$$59nhfpWn$#l 12EhaI

nkbZa vksj ls 15os v{kj dh nkbZa vksj 5o LFkku ij D;k vk,xk\

(A) $
(B) W
(C) n
(D) #

(C) Car
(D) Cannot be determined

Q11 Select the option that will fill in the blank and complete the given series correctly.

100, 105, 111, 118, 126, 135, _____

(A) 147
(B) 144
(C) 146
(D) 145

Q11 ml fodYi dk p;u dj ts fjDr LFkku dh iwfrZ dj J[kyk dks iwjk djsxkA

100, 105, 111, 118, 126, 135, _____

(A) 147
(B) 144
(C) 146
(D) 145

Q12 Select the option that will fill in the blank and complete the given series correctly.

3, 9, 27, 81, 243, 729, _____

(A) 1458
(B) 1823
(C) 2187
(D) 2923

Q12 ml fodYi dk p;u dj ts fjDr LFkku dh iwfrZ dj J[kyk dk iwjk djsxkA

3, 9, 27, 81, 243, 729, _____

(A) 1458
(B) 1823
(C) 2187
(D) 2923

Q13 In the following series of letters, symbols and numbers, what is the sum of the count of symbols and the count of vowels?

3Hji9#sdlAR3%7@8&vesQi9!kbZ82k2@saneb3@iDwt#u

(A) 14
(B) 15
(C) 16
(D) 17

Q13 v{kjk] irhdk vkj l[;kvksa dh fuEufyf[kr J[kyk es] izrhdks dh la[;k vkj Lojk dh la[;k dk ;ksx D;k gS\

3Hji9#sdlAR3%7@8&vesQi9!kbZ82k2@saneb3@iDwt#u

(A) 14
(B) 15
(C) 16
(D) 17

Q14 Find the missing figure from the given series.

3, 13, 1113, 3113, _____

(A) 331113
(B) 132113
(C) 131313
(D) 313311

Q14 nh xbZ J[kyk e yqIr la[;k Kkr djA

3, 13, 1113, 3113, _____

(A) 331113
(B) 132113
(C) 131313
(D) 313311
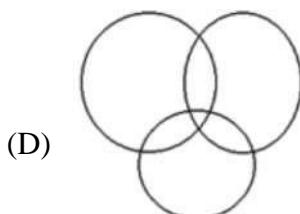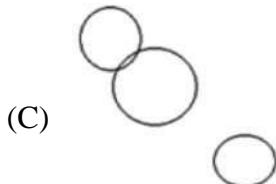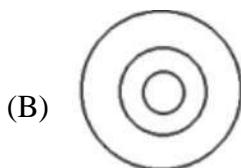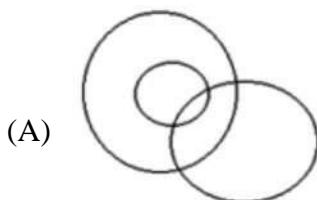
(D) Jocund : serious

(C) mRlo % [kq"kh (Festal : happy)

(D) izQqfYyr % xaHkhj (Jocund : serious)

Q16 In a certain language, ADDICT is written as DDATCI. How will JAGUAR be written?
(A) JUGAAR
(B) GAJRAU
(C) RAUGAJ
(D) AJUGRA

Q16 vxj ,d fuf"pr dwV Hkk"kk es ADDICT dk DDATCI ds :i es fy[kk tkrk g rks JAGUAR dk dSls fy[kk tk,xk\
(A) JUGAAR
(B) GAJRAU
(C) RAUGAJ
(D) AJUGRA
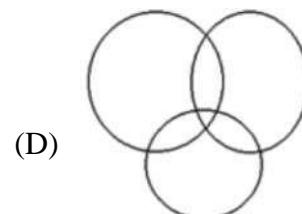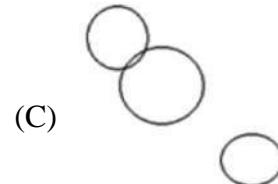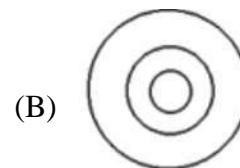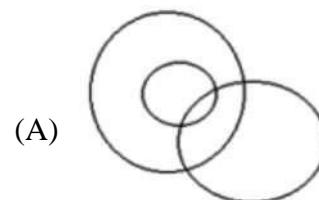
Q17 Which figure depicts the relationship between:

Man, Ornithology, Profession

Q17 fuEufyf[kr es ls dkSu lk fp= fn, x, "kCnk ds chp d lgh lacak n"kkZrk gS %

ekuo] i{kh foKku] O;olk;

(A)

(B)

(C)

(D)

(A)

(B)

(C)

(D)

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(C) 68

(D) 78

Q19 In a certain code, PICKLE is written as 793235 and FORTUNE is written as 6692355, then how will PERFUME be written in the same code?

(A) 7596325

(B) 7596385

(C) 7596345

(D) 7595375
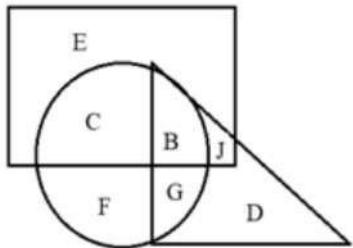
Q20 Select the number that is related to the third term in the same way as the second term is related to the first term.

401 : 19 : : 730 :?

(A) 28

(B) 22

(C) 27

(D) 26

Q21 Select the option that is related to the third term in the same way as the first term is related to the second term.

Barometer : Atmosphere : : Calorimeter : ?

(A) Calories

(B) Heat

(C) Sound

(D) Humidity

(A) F
(B) C
(C) J
(D) E

Q23 Read the given statements and select which of the conclusions given in the options logically follows from the statements.

Statements:
All apples are oranges.
All oranges are bananas.
(A) Some apples are not oranges.
(B) Some oranges are not bananas.
(C) All apple are bananas.
(D) All bananas are oranges.
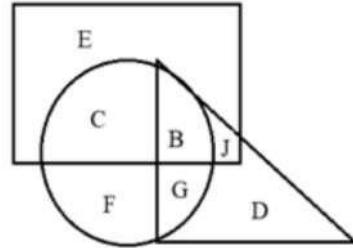
Q24 Read the given statements and conclusions carefully. Assuming that the information in the statements is true, even if they appear to be at variance with commonly known facts, select which of the conclusions logically follow(s) from the statements beyond reasonable doubt.

Statement:
I. All planets are stars.
II. All stars are moons.

Conclusion:
I. Some stars are planets.
II. Some moons are planets.
(A) Only conclusion I follows.
(B) Only conclusion II follows.
(C) Neither conclusion follows.
(D) Both the conclusions follow.

(A) F
(B) C
(C) J
(D) E

Q23 fn, x, dFku i<+s vkSj crk,i fd fodYiks e fn, x, dkSu l fu'd'iz dFkuk dk rdZlaxr :i ls vuq lj.k djrs gaA

dFku %

lHkh lso larj gaA
lHkh larj dsy gaA
(A) dqN lso larj ugha gaA
(B) dqN larjs dsy ugh gSA
(C) lHkh lso dsy gaA
(D) lHkh dsy larjs gA

Q24 fn, x, dFkuks vkSj fu'd'ks dks /;kuiwoZd i<+A vkidks dFkuk es nh xb tkudkjh dks lR; ekuuk gSJ Hky gh os lo Kkr rF;ks ls vyx izrhr gkr gls vkSj vkidk ;g p;u djuk gS fd dkSu lk@ls fu'd'k ;kssfpr ls ij rdZ laxr :i l dFkuks dk vuqlj.k djrk gS@djrs gaA

dFku %

I. lHkh xzg rkjs gSaA

II. lHkh rkj panzek gSaA

fu'd'k %

I. dqN rkj xzg gaA

II. dqN panzek xzg gaA

(A) dsoy fu'd'k I vuqlj.k djrk gSA
(B) dsoy fu'd'k II vuqlj.k djrk gSA
(C) dksb Hkh fu'd'k vuqlj.k ugh djrk gSA
(D) nksuk fu'd'k vuqlj.k djr gA

the statements beyond reasonable doubt.

Statement:
I.   All pets are birds.
II. Some birds are fishes.

Conclusion:
I.   Some fishes are pets.
II. All birds are fishes.
(A) Only conclusion I follows.
(B) Only conclusion II follows.
(C) Neither conclusion follows.
(D) Both the conclusions follow.

Q26 Read the given statements and conclusions carefully. Assuming that the information in the statements is true, even if they appear to be at variance with commonly known facts, select which of the conclusions logically follow(s) from the statements beyond reasonable doubt.

Statement:
I.   Some chairs are beds.
II. No bed is a table.

Conclusion:
I.   Some tables are beds.
II. All beds are chairs.
(A) Only conclusion I follows.
(B) Neither conclusion follows.
(C) Only conclusion II follows.
(D) Both the conclusions follow.

---

djrk gS@djrs gSaA

dFku %
I.   lHkkh ikyrw ik.kh i{kh gSaA
II. dqN if{k;k¡ eNfy;k¡ gaA

fu'd'k %
I.   dqN eNfy;k ikyrw izk.kh gSaA
II. lHkkh if{k;k eNfy;k¡ gSaA
(A) dsoy fu'd'k I vuqlj.k djrk gSA
(B) dsoy fu'd'k II vuqlj.k djrk gSA
(C) dksbZ Hkkh fu'd'k vuqlj.k ugh djrk gSA
(D) nksuk fu'd'k vuqlj.k djr gA

Q26 fn, x, dFkuksa vkSj fu'd'kksa dk /;kuiwoZd i<+A vkidks dFkuk es nh xb tkudkjh ds lR; ekuuk gS] Hkky gh os lo lok Kkr rF;ks ls vyx izrhr gksr gks vkSj vkidk ;g p;u djuk gS fd dkSu lk@ls fu'd'k ;Fkkfpr ls ij rdZ laxr :i l dFkuksa dk vuqlj.k djrk gS@djrs gSaA

dFku %
I.   dqN dqflZ;k¡ fcLrj gSaA
II. dksbZ fcLrj est ugh gSA

fu'd'k %
I.   dqN est fcLrj gSaA
II. lHkkh fcLrj dqflZ;k¡ gaA
(A) dsoy fu'd'k I vuqlj.k djrk gSA
(B) dksbZ Hkkh fu'd'k vuqlj.k ugh djrk gSA
(C) dsoy fu'd'k II vuqlj.k djrk gSA
(D) nksuk fu'd'k vuqlj.k djr gA

(A) Cabbage
(B) Okra
(C) Brinjal
(D) Tomato

Q28 If the sign '×' is interchanged with '÷' and '−' is interchanged with '+', then what will be the value of the expression below?

$225 \times 15 \div 3 - 7 + 1$

(A) 56
(B) 53
(C) 55
(D) 51

Q29 If the sign '×' is interchanged with '÷' and '−' is interchanged with '+', then what will be the value of the expression below?

$136 \times 8 \div 3 - 5 + 3$

(A) 59
(B) 53
(C) 51
(D) 56

Q30 Martha said to Linda, "Your mother's father's only son's only sister is my father's wife."

How is Linda related to Martha?

(A) Aunt
(B) Sister
(C) Cousin
(D) Niece

Q28 vxj fp°u '×' d¡s '÷' ls cny fn;k tkrk gS rFkk '−' d¡s '+' ‖ cny fn;k tkrk gS rk uhp fn, x, 0;atu dk eku D;k gS\

$225 \times 15 \div 3 - 7 + 1$

(A) 56
(B) 53
(C) 55
(D) 51

Q29 vxj fp°u '×' d¡s '÷' ls cny fn;k tkrk gS vk¡j '−' d¡s '+' ‖ cny fn;k tkrk gS rk uhp fn, x, 0;atu dk eku fdruk gksxk\

$136 \times 8 \div 3 - 5 + 3$

(A) 59
(B) 53
(C) 51
(D) 56

Q30 ekFkk us fyaMk ls dgk] ÞrqEgkjh ek¡ ds firk ds bdykSr csVs dh bdykrh cgu esjs firk dh iRuh gSAß

fyaMk dk ekFkk ‖ D;k lacak gS\

(A) pkph
(B) cgu
(C) ppsjh@ekSlsjh@QqQsjh@eesjh cgu
(D) Hkrhth

(A) (B) (C) (D) (E)

(A) C

(B) B

(C) A

(D) D

Q32 Choose the figure that is different from the rest.

(A) (B) (C) (D) (E)

(A) C

(B) B

(C) A

(D) E

Q32 ml fp= dk p;u dΔsa] tk ckdh ls vyx g\$A

(A) (B) (C) (D) (E)

(A) C

(B) B

(C) A

(D) E

Q33 On a farm, there are as many men as oxen. There are twice as many hens as there are men and three times as many cows as oxen. The total head count is 14. What is the leg count of the cows?

(A) 32

(B) 24

(C) 16

(D) 8

Q33 ,d QkeZ ea ftrus iq#'k g\$a] mru gh cSy g\$aA ftrus iq#'k g\$] mldh nqxquh eqfxZ;k g\ vkSj ftrus cSy g\$a] mlls rhu xquk xk; g\$aA QkeZ es dqy fljls dh la[;k 14 g\$A xk;ksa ds iSjks dh dqy la[;k fdruh ga\

(A) 32

(B) 24

(C) 16

(D) 8
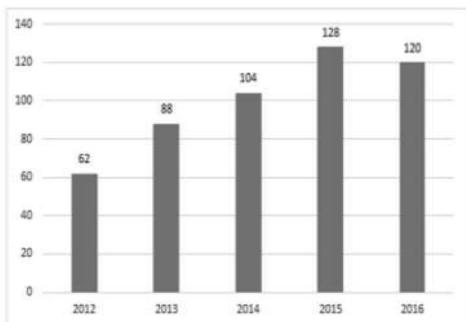
■ Govt. Sectors ■ Bonds ■ Fixed Deposit ■ PPF ■ Shares ■ Mutral Funds

If the amount invested in Bonds is `8,000, then what is the amount invested in Shares?

(A) `30,000
(B) `20,000
(C) `60,000
(D) `40,000

Q35 The bar diagram below shows the data of the number of students (in thousands) who cleared a competitive exam from the year 2012 to the year 2016. Study the diagram and answer the question given below:

What is the percentage increase, from 2013 to 2014, in the number of students who cleared the exam?

(A) 15.4%
(B) 18.2%
(C) 16%
(D) 17.3%
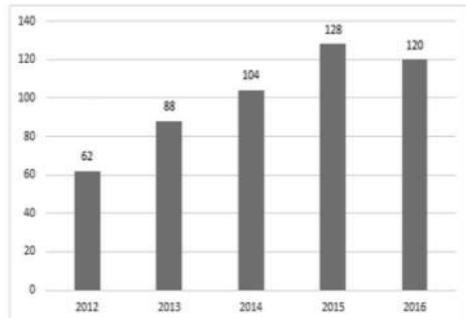
■ Govt. Sectors ■ Bonds ■ Fixed Deposit ■ PPF ■ Shares ■ Mutral Funds

;fn cUM e fuos"k dh xbZ jkf"k `8,000 g)rk "ks;jks e fuos"k dh xbZ jkf"k fdruh gksxh\

(A) `30,000
(B) `20,000
(C) `60,000
(D) `40,000
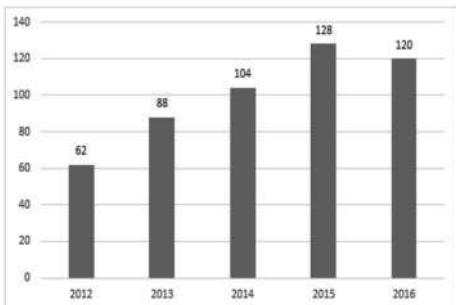
Q35 uhps fn;k x;k ckj vkjs[k mu Nk=k dh I[;k ¼gtkjk e½ d vkdM n"kkrk g] ftUgku o'kZ 2012 ls o'kZ 2016 rd fdlh izfrLi/kk ijh{kk mrh.kZ dj yh gSA vkjs[k dk v/;;u djs vkSj uhp fn, x, iz'u dk mRrj nsA

2013 ls 2014 rd ijh{kk mRrh.k djus okys Nk=ks dh I[;k e izfr"kr o`f) D;k gS\

(A) 15.4%
(B) 18.2%
(C) 16%
(D) 17.3%

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the diagram and answer the question given below:
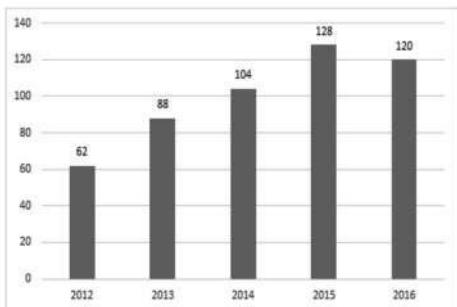
What is the total number of students who cleared the exam till 2014?

- (A) 150
- (B) 250
- (C) 254
- (D) 292

Q37 Hari, a printer, is printing a book. He numbers the pages beginning with 1 and uses 3,189 digits in all. Can you tell the total number of pages in the book Hari is printing?

- (A) 1,022
- (B) 1,074
- (C) 1,043
- (D) 1,062

दये vksj dnps fn, x, fp= d dk mkrj nsa
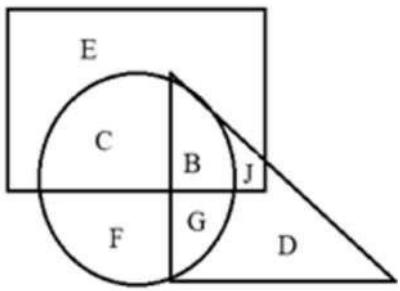
2014 rd ijh{kk mRrh.k djus oky Nk=k dh dqy la[;k fdruh gS\

- (A) 150
- (B) 250
- (C) 254
- (D) 292
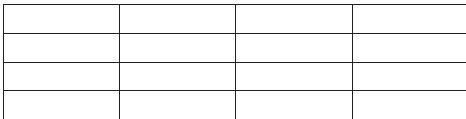
Q37 gfj ,d fdrkc eqfnzr dj jgk gSA og 1 ls "kq: dj i`"Bk dh la[;k vafdr djrk gS vkSj lexz :i ls 3,189 vadks dk mi;ksx djrk gSA D;k vki gfj n~okjk eqfnzr fd, tk jg iqLrd es dqy i`"Bks dh la[;k crk ldrs gSa\

- (A) 1,022
- (B) 1,074
- (C) 1,043
- (D) 1,062

(A) F
(B) J
(C) C
(D) G
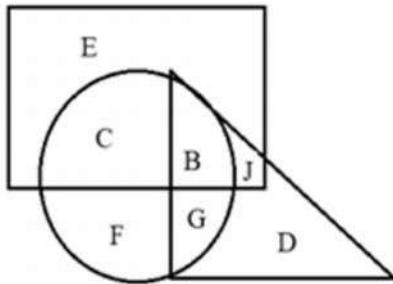
Q39 What is the total number of rectangles in the figure below?

(A) 65
(B) 64
(C) 84
(D) 86
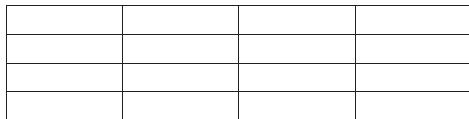
Q40 From his fishpond, Niyaz went to the fish market. First, he went straight towards the north for 2 km and then turned right. Thereafter, he walked straight for a distance of 3 km and then turning left, he walked 3 km to reach the fish market. In which direction is Niyaz's fishpond located with respect to the fish market?

(A) North-east
(B) South-east
(C) South-west
(D) North-west

---

xkh Q [kS/kA Bky] Fkh jFk jkokgh. v,EB=,A dk izfrfuf/kRo djrk g tks fu;ksfator ugha gSaA

(A) F
(B) J
(C) C
(D) G

Q39 uhps fn, x, fp= es dqy vk;rks dh la[;k fdruh gS\

(A) 65
(B) 64
(C) 84
(D) 86

Q40 fu;kt viu eNyh rkykc l eNyh cktkj x;kA lcl igy og lh/ks 2 fdeh mRrj fn"kk es x;k vkSj mld ckn nk, eqMkA mlds ckn] og lh/ks 3 fdeh x;k vkSj mlds ckn ck,; eqM+dj og eNyh cktkj rd igpus ds fy, 3 fdeh pyk eNyh cktkj ds laca/k e fu;kt dk eNyh rkykc fdl fn"kk es fLFkr gS\

(A) mRrj&iwoZ
(B) nf{k.k&iwoZ
(C) nf{k.k&if"pe
(D) mRrj&if"pe

walked 2 km to reach the fish market.
What is the shortest distance between
Niyaz's fishpond and the fish market?

(A) 5.5 km

(B) 4.5 km

(C) 5 km

(D) 3.5 km

Q42 Consider the given statement and decide
which of the assumptions given in the
options is implicit in the statement.

Statement:

The winning team deservingly celebrated
all night by dancing and indulging in tasty
food.

(A) When a team wins, the host country
throws a party in their honour.

(B) When a team wins, the sports
ministry of their country throws a
party in their honour.

(C) Dancing and indulging in food is
one of the ways to celebrate.

(D) Cricket players are always looking
forward to winning a match so that
they can celebrate in style.

Q42 fn, x, dFku ij fopkj djsa vkSj fu.k; y
fd fodYiks es nh xb dkSlu lh /kkj.kk dFku
es varfuZfgr gSA

dFku

fotsrk Vhe us u`R; vkij Lokfn'V Hkkstu e
"kkfey gks dj jkr Hkj mfpr :i ls t"u
euk;kA

(A) tc ,d Vhe thr tkrh gS] estcku
ns"k muds lEeku es ,d ikVh nsrk gSA

(B) tc ,d Vhe thr tkrh gS] rls muds
ns"k dk [ksy ea=ky; muds lEeku e
,d ikVh nsrk gSA

(C) u`R; djuk vkSj Hkkstu es "kkfey gkuk
t"u eukus ds rjhdk es ls ,d gSA

(D) fØdsV f[kykM+h ges"kk ,d eSp thrus
dh mEehn djrs gS rkfd os "kkunkj
‹ax ls t"u euk ldsaA

argument that is 'strong' with respect to the statement given.

Statement:
Should the minister distribute free laptops to underprivileged students who have dropped out of school?

Argument:
I.   Yes. The school dropouts have no other source of entertainment. The laptops will keep them busy.
II. No. The minister can use the money to provide continued education and vocational training to the school dropouts so that they can earn a livelihood.
(A) Only argument I is strong.
(B) Only argument II is strong.
(C) Neither argument I nor argument II is strong.
(D) Both the arguments are strong.

Q44 Given below is a statement, followed by two arguments numbered I and II. Assuming that the information provided in the statement and the arguments is correct (even if it appears to be at variance with commonly known facts), select the statement that is 'strong' with respect to the statement.

Statement:
Should the government disallow eating and drinking at all beaches?

Argument:
I.   Yes. People have been dumping plastic waste and other leftovers on beaches and have dirtied them a lot.
II. No. The leftover food is very crucial for the survival of sea creatures.
(A) Only argument I is strong.
(B) Only argument II is strong.
(C) Neither argument I nor argument II is strong.
(D) Both the arguments are strong.

dFku %

D;k ea=h dks lqfo/kk ls oafpr mu Nk=k dks eq¶r ySiVkWi forfjr djuk pkfg,] ftUgksau Ldwy NksM+ fn;k gS\

rdZ %

I.   gk] Ldy NkMu oky Nk=k d eukjtu dk dksbi vU; lzksrsr ugh gSA yiVkWi mUgs O;Lr j[kxsA
II. ughal e=h mu iII ls dk mi;ksx Ldwy NksM+us oky Nk=ksa ds fujarj f"k{kk vkSj O;kolkf;d izf"k{k.k inku djus ds fy, dj ldrs g rkfd o vkthfodk dek ldsaA
(A) dsoy rd I etcwr gSA
(B) dsoy rdZ II etcwr gSA
(C) u rk rdZ I vkSj u gh rdZ II etcwr gSA
(D) nksuk rd etcwr gA

Q44 uhps ,d dFku ds ckn nks rd I vkSj II fn, x, gSaA ;g ekurs gq, fd dFku vkSj rdZ esa nh xb tkudkjh lgh g ¼Hkys gh og lo/kukr rF;ks ls vyx izrhr gksrh gks½] fn, x, dFku ds Iaca/k es etcwr rdZ dk p;u djA

dFku %

D;k ljdkj dks lHkh leqnz rVk ij [kkus vkSj ihus ij izfrca/k yxkuk pkfg,\

rdZ %

I.   gk] ykx Ien rV ij lykfLVd mi0;; vkSj vU; cps dwM+&k djdV QadkdydrV jgs vkSj mUgs cggr xank fd;k gSA
II. ughal cpk gqavk Hkkstu leqnzh tho ds vfLrRo ds fy, cgqr egRoiw.k gSA
(A) dsoy rd I etcwr gSA
(B) dsoy rdZ II etcwr gSA
(C) u rk rdZ I vkSj u gh rdZ II etcwr gSA
(D) nksuks rdZ etcwr gA

(B) Grandfather
(C) Cousin
(D) Uncle

Q46 Showing a photograph of a girl, Prateek said, "This is Gunjan. She is my father's mother-in-law's husband's only daughter's daughter."

How is Gunjan related to Prateek?
(A) Mother
(B) Sister
(C) Daughter
(D) Niece

Q47 Read the given question and decide which of the following options is required to answer the question?

Question:

Lucy is standing in the immigration queue. How many people are there in the queue?
(A) 15 persons are standing before Lucy.
(B) Lucy is standing exactly in the middle of the queue.
(C) Eight persons are standing ahead of Lucy and 11 persons are standing behind the person standing just ahead of Lucy in the queue.
(D) Eleven persons are standing ahead of Lucy and 9 persons are standing ahead of the person standing just ahead of Lucy in the queue.

(A) firk
(B) nknk
(C) ppsjk@eesjk@ekSlsjk HkkbZ
(D) pkpk

Q46 ,d Q+ksVksxzkQ dks fn[kkrs gq, izrhd ckyk] ^^;g xqatu gSA og esjs firk ds lkl d ifr dh ,d ek= csVh dh cVh gSA^^

xqatu dk izrhd D;k laca/k gS\
(A) eka
(B) cgu
(C) csVh
(D) Hkrhth

Q47 fn, x, iz"u dk i<+ vkSj fu.k; y fd iz"u dk mRrrj nsus d fy, fuEufyf[kr e ls fdu fodYiksa dh vko";drk gS\

iz"u &

ylh vkizokslu drkj ea [kM+h gSA drkj e fdru ykx gSa\
(A) ylh ls vkxs 15 yksx [kM gSaA
(B) ylh drkj d fcYdqy chp e [kM+h gSA
(C) ylh ls vkx vkB yksx [kM g vkSj ykbu es ylh ls vkxs [kM O;fDr ds ihNs 11 yksx [kM gSaA
(D) ylh ls vkxs X;kjg yksx [kM+ga vkSj 9 yksx drkj e yslh ls vkx [kM O;fDr ls vksx [kM [kM+s gSaA

Piyush bought 7 dozen apples and 3 dozen oranges. How much did he spend in all?

(A) Oranges are more expensive than apples by `5.

(B) Each apple costs `4 and each orange costs slightly less than that.

(C) The cost of each orange is `4.5 and each apple costs `7.

(D) The ratio between the cost of apple and orange is 3:4.

Q49 In a race, Gary ran faster than Jai. Neil ran faster than Jai. Sam ran slower than Gary. Who came first in the race?

(A) Cannot be determined

(B) Jai

(C) Gary

(D) Niel

Q50 The ratio of the ages of a child, his father and grandfather is 1 : 5 : 9. Three years hence, the child will be 10 years old. What is the present age of the grandfather?

(A) 72 years

(B) 63 years

(C) 56 years

(D) 78 years

fi;q'k u 7 ntZu lsc vkSj 3 ntZu larjs [kjhnsA mlu dqy fdruk [kpZ fd;k\

(A) larjs lsc ls `5 vf/kd egax gSaA

(B) izR;sd lsc dh ykxr `4 gS vkSj izR;sd larj dh ykxr mlls FkkasM+k de gSA

(C) izR;sd larj dh ykxr `4.5 gS vkSj izR;sd lsc dh ykxr `7 gSA

(D) lc vkj lrj dh ykxr d chp vuikr 3 : 4 gSA

Q49 ,d nkSM+ e xSjh t; ls rst nkSM+kA t; dh rqyuk e uhy rst nkSM+kA Se xSjh ls /kheh xfr l nkSM+kA nkSM e dkSu izFke vk;k\

(A) fu/kkZfjr ugh fd;k tk ldrk

(B) t;

(C) xSjh

(D) uhy

Q50 ,d cǔps] mlds firk vkSj nknk dh mez dk vuqikr 1 % 5 % 9 gSA vc l rhu lky ckn] cǔpk 10 lky dk gksxkA nknk dh orZeku me D;k gS\

(A) 72 o'k

(B) 63 o'k

(C) 56 o'k

(D) 78 o'k

(B) AlphaGo
(C) Odikyo
(D) Blue

Q52 How many Lok Sabha constituencies are present in Uttar Pradesh?
(A) 64
(B) 75
(C) 80
(D) 70

Q53 The high yield variety seeds Sonalika and Kalyan Sona belong to which crop?
(A) Barley
(B) Rice
(C) Wheat
(D) Maize

Q54 With which of the following sports are the terms 'Serve' and 'Volley' associated?
(A) Tennis
(B) Volleyball
(C) Table tennis
(D) Squash

Q55 Where is the Ramakrishna Mission headquartered?
(A) Mumbai
(B) Chennai
(C) Belur Math
(D) Kumbakonam

Q56 Who was the first ruler of the Pala dynasty?
(A) Devapala
(B) Rampala
(C) Gopala
(D) Mahipala

(C) 24

(D) 18

Q58 Pusa Hybrid 4 is a hybrid variety of:
(A) Potato
(B) Tomato
(C) Banana
(D) Papaya

Q59 Which was the first Indian state to set up a 'Special Agriculture Zone'?
(A) Tamil Nadu
(B) Punjab
(C) Uttarakhand
(D) Gujarat

Q60 Who was the first Indian woman to become a chess Grandmaster?
(A) Arti Ramaswamy
(B) Humpy Koneru
(C) S Vijayalakshmi
(D) Krutika Nadig

Q61 In which year did the first Danish East India company start its operations?
(A) 1616
(B) 1650
(C) 1630
(D) 1670

Q62 In India, 30th January is celebrated as:
(A) Father's Day
(B) Martyr's Day
(C) Teacher's Day
(D) Mother's Day

Q58 iwlk gkbfcM 4 fdldh ladj itkfr gS\
(A) vky
(B) VekVj
(C) dsyk
(D) iihrk

Q59 fo"kky Ñf"k {ks= LFkkfir dju okyk igyk Hkkjrh; jkT; dkSu Fkk\
(A) rfeyukMq
(B) iatkc
(C) mRrjk[kaM
(D) xqtjkr

Q60 "krjat dh xzkaM ekLVj gksus okyh igyh Hkkjrh; efgyk dkSu Fkh\
(A) vkrh jkekLoeh
(B) gaih dksu:
(C) ,l- fot;ky{eh
(D) Ñfrdk ukfnx

Q61 igyh Msfu"k bZLV baM;k daiuh us viuk ifjpkyu fdl o"k e "kq: fd;k\
(A) 1616
(B) 1650
(C) 1630
(D) 1670

Q62 Hkkjr esa 30 tuojh dk fdl fnol ds :i es euk;k tkrk gS\
(A) fir` fnol
(B) "kghn fnol
(C) f"k{kd fnol
(D) ekr` fnol

Q64 In which year was the first Economic Census carried out in India?
(A) 1977
(B) 1975
(C) 1980
(D) 1965

Q65 Name the Indian lady who headed Pepsico from 2006 to 2018.
(A) Shikha Sharma
(B) Indra Nooyi
(C) Vinita Bali
(D) Chanda Kochhar

Q66 Which of the following protocols is used to receive email?
(A) SMTP
(B) HTTP
(C) FTP
(D) POP3

Q67 In which year did Uttar Pradesh's first Chief Minister, Govind Ballabh Pant, receive the Bharat Ratna?
(A) 1955
(B) 1960
(C) 1957
(D) 1961

Q68 The inter-agency setup by G-20 nations to enhance food market transparency is called:
(A) Agricultural Market Information System
(B) Agricultural Market Information Service
(C) Agricultural Merchant Information System
(D) Agricultural Merchant Information Service

Q64 Hkkjr es igyh vkfFkZd tux.kuk fdl o'kZ es dh xbZ\
(A) 1977
(B) 1975
(C) 1980
(D) 1965

Q65 2006-2018 rd isflldks dh v/;{k jgus okyh Hkkjrh; efgyk dk uke crkb,A
(A) f"k[kk "kekZ
(B) bafnjk uw;h
(C) fofurk ckyh
(D) pank dkspj

Q66 bZesy izklr djus ds fy, dkSulk izksVksdkWy mi;ksx eµ vkrk gS\
(A) SMTP
(B) HTTP
(C) FTP
(D) POP3

Q67 mRrj in"k dµ igy e[;e=h] xkfon cYyHk iar dµ fdl o'kZ Hkkjr jRu ls lEekufr fd;k x;k\
(A) 1955
(B) 1960
(C) 1957
(D) 1961

Q68 [kkn~; cktkj dh ikjnf"kZrk c<+kus d fy, G-20 jk'Vªµ n~okjk varj&,tslh O;oLFkk dµ D;k dgk tkrk gS\
(A) Ñf'k cktkj lwpuk iz.kkyh
(B) Ñf'k cktkj lwpuk lsok
(C) Ñf'k O;kikjh lwpuk i.kkyh
(D) Ñf'k O;kikjh lwpuk lsok

(D) Meerut

Q70 Name the first female Olympic medal winner from India.
(A) PV Sindhu
(B) Saina Nehwal
(C) Mary Kom
(D) Karnam Malleswari

Q70 Hkkjr dh igyh efgyk vksyafid f[krkc fotsrk dk uke crkb,A
(A) ih-oh- fla/u
(B) lkbuk usgoky
(C) eSjh dkWe
(D) d.ie eYy"ojh

Q71 'The Story of My Experiments with Truth' was written by:
(A) Manilal Gandhi
(B) Gopalakrishna Gandhi
(C) Devdas Gandhi
(D) Mohandas K Gandhi

Q71 'The Story of My Experiments with Truth' d ys[kd dkSu ga\
(A) e.khyky xka/kh
(B) xksikyÑ'.k xka/kh
(C) nsonkl xka/kh
(D) eksgunkl ds- xka/kh

Q72 In which state is the Paithan Hydro-electric project located?
(A) Tamil Nadu
(B) Gujarat
(C) Andhra Pradesh
(D) Maharashtra

Q72 iSBu ty&fon~;qr ifj;kstuk fdl jkT; e fLFkr gS\
(A) rfeyukMq
(B) xqtjkr
(C) vka/k izn"k
(D) egkjk'V^

Q73 Name the highest peak in Kerala.
(A) Agastya
(B) Chembara
(C) Anamudi
(D) Banasura

Q73 dsjy es fLFkr loksZPp ioZr pksVh dk uke crkb,\
(A) vxLr;
(B) pscjk
(C) vukeqMh
(D) cuklqjk

Q74 Who is known as the Picasso of India?
(A) Maqbool Fida Husain
(B) Muhammed Fida Husain
(C) Maqbool Fazal Husain
(D) Muhammed Fazal Husain

Q74 Hkkjr d fidklks d rkSj ij fdls tkuk tkrk gS\
(A) edcwy fQnk gqlSu
(B) eqgEen fQnk gqlSu
(C) edcwy Qty gqlSu
(D) eqgEen Qty gqlSu

Q76 Which of the following is an example of a total root parasite?
- (A) Orobanche
- (B) Cuscuta
- (C) Loranthus
- (D) Cyprus

Q77 _____ is a synthetic auxin.
- (A) CAM
- (B) IBA
- (C) IAA
- (D) NAA

Q78 Identify the disease caused by Mycoplasma.
- (A) Little leaf of brinjal
- (B) Banana bunchy top
- (C) Yellow vein mosaic
- (D) Sterility mosaic

Q79 Which of the following pre-emergence herbicides is recommended for Maize?
- (A) Atrazine
- (B) 2, 4-D
- (C) Paraquat
- (D) Glyphosate

Q80 Central Institute for Cotton Research (CICR) is located in:
- (A) Hyderabad
- (B) Nagpur
- (C) Haryana
- (D) Punjab

Q76 fuEu es I dkSu lk iw.kr% tM ijthoh dk ,d mnkgj.k gS\
- (A) vksjksscap (Orobanche)
- (B) vejcsy (Cuscuta)
- (C) yksjsaFkl (Loranthus)
- (D) lkbizl (Cyprus)

Q77 _____ ,d flaFksfVd vWDlhu gSA
- (A) lh-,-,e- (CAM)
- (B) vkbZ-ch-,- (IBA)
- (C) vkbZ-,-,- (IAA)
- (D) ,u-,-,- (NAA)

Q78 ekbdksIykTek }kjk dkj.k gksus okyh chekjh irk djsaA
- (A) cSaxu dk NksVk iRrk
- (B) dsy dk xqaNknkj "kh"kZ
- (C) ihyh ul okyh eksT+ksd
- (D) vuqoZjdrk eksT+kd (Sterility mosaic)

Q79 eDds ds fy, mxus I igy bLrseky djus ds fy, fuEufyf[kr esa ls fdl r`.kuk"kd ¼gchZlkbM½ dh flQkfj"k dh xbZ gS\
- (A) vVªkthu
- (B) 2, 4 - Mh
- (C) iSjkDokV
- (D) XykbQksIsV

Q80 Hkkjrh; dikl vuqla/kku laLFkku dgk fLFkr gS\
- (A) gSnjkckn
- (B) ukxiqj
- (C) gfj;k.kk
- (D) iatkc

(D) Zinc

Q82 Identify the stem nodulating legume.
(A) Crotalaria juncea
(B) Sesbania aculeate
(C) Phaseolus trilobus
(D) Medicago sativa

Q83 Canker disease in citrus fruits is caused by:
(A) Fungi
(B) Mycoplasma
(C) Bacteria
(D) Virus

Q84 The 'Grow More Food' campaign was launched in the year:
(A) 1954
(B) 1948
(C) 1946
(D) 1952

Q85 The process of preserving organelles, cells and tissues at -196 °C in liquid nitrogen is called:
(A) vitrification
(B) cryo preservation
(C) tissue culture
(D) gene therapy

Q86 In potatoes, black heart is caused by:
(A) lack of CO_2 in storage
(B) lack of light in storage
(C) lack of O_2 in storage
(D) deficiency of Boron

Q88 The Destructive Insects and Pests Act came into force in the year:
(A) 1914
(B) 1905
(C) 1919
(D) 1915

Q89 International Rice Research Institute (IRRI) is located in:
(A) Nairobi
(B) Hyderabad
(C) Ethiopia
(D) Manila

Q90 Who among the following is known as the 'Father of Statistics'?
(A) R.A. Fischer
(B) Pearson
(C) Boddington
(D) A.L. Bowley

Q91 Which of the following is an example of monopsony?
(A) Indian Railways
(B) Organization of the Petroleum Exporting Countries (OPEC)
(C) Retail Trade
(D) Tea Board

Q92 If the rate of application is 3.0 kg of insecticides per hectare, the quantity of simazine (80% WP) required to be sprayed over a 0.4 hectare area would be:
(A) 1.0 kg
(B) 2.0 kg
(C) 1.5 kg
(D) 0.75 kg

Q88 fouk"kdkjh dhM+s vkSj dhV vf/kfu;e fdl o'kZ es ykxw gqvk Fkk\
(A) 1914
(B) 1905
(C) 1919
(D) 1915

Q89 vrjkZ"V~h; pkoy vuqla/kku laLFkku dgkj fLFkr gS\
(A) uSjksch
(B) gSnjkckn
(C) bfFkvksfi;k
(D) euhyk

Q90 fuEu es Ls fdls lkaf[;dh dk tud dgk tkrk gS\
(A) vkj- ,- fQ"kj
(B) fi;Lu
(C) cksfMaXVu
(D) ,-,y- ckWyh

Q91 fuEufyf[kr es I dkSu Ik Øsrk ,dkf/kdkj dk ,d mnkgj.k gS\
(A) Hkkkjrh; jsy
(B) isV^ksfy;e fu;kZrd ns"kks dk laxBu (OPEC)
(C) [kqnjk 0;kikj
(D) pk; cksMZ

Q92 ;fn mi;ksx@bLrseky dh nj izfr gsDVs;j 3.0 kg dhVuk"kd gS rks 0.4 gsDVs;j e fNMdko dju d fy, flethu ¼80% MCY;- ih-½ dh fdruh ek=k dh vko";drk gksxh\
(A) 1.0 kg
(B) 2.0 kg
(C) 1.5 kg
(D) 0.75 kg

(B) Poppy

(C) Periwinkle

(D) Hemp

Q94 Calculate the spray fluid concentration when 1.5 l of monocrotophos 36 SC is applied over 2 hectare of chilli crop by making 1000 l of spray fluid.

(A) 0.01%

(B) 0.05%

(C) 0.04%

(D) 0.03%

Q95 In case of sugarcane, the planting material is obtained from:

(A) bottom one-third portion of the cane

(B) top one-third portion of the cane

(C) middle one-third portion of the cane

(D) lateral shoots

Q96 Stem application in cotton is followed for the management of:

(A) borers

(B) boll worms

(C) sucking insects

(D) root feeders

(B) iksLrk

(C) isjhfoady

(D) Hkkx

Q94 fNM+dko fd, tkus okyꦁ nzo dh lkanzrk dh x.kuk djsa tc 1.5 l eksuksØksVꦁQ둳l 36 ,l-lh- dk 1000 l fNM+dko dk nzo cukdj 2 gsDVs;j fepZ dh Qly es mi;ꦁx fd;k tkrk gSA

(A) 0.01%

(B) 0.05%

(C) 0.04%

(D) 0.03%

Q95 xUus ds ekey es jksai.k lkexzh dgꦁa ls izkIr gksrh gS\

(A) xUus dk fupy 1/3 Hkkx

(B) xUus dk Åijhs 1/3 Hkkx

(C) xUus dk e/; 1/3 Hkkx

(D) ik"oZ dh dfy;ꦁ

Q96 dikl eꦁ LVe dk mi;ꦁx fuEu eꦁ fdld izca/ku ds fy, fd;k tkrk gS\

(A) Nnd

(B) ckWy oeZ

(C) pwld dhV

(D) :V QhMj

(D) 7-8 kg

Q98 Parthenium can be controlled by using bio-agents like:

(A) Cactoblastis cactorum

(B) Ophiomyia lantanae

(C) Solvenia molesta

(D) Zygogramma bicolorata

Q99 _____ is the irrigation method suitable for undulating lands and sandy soils.

(A) Border strip

(B) Sprinkler

(C) Check basin

(D) Furrow method

Q100 Which of the following hormones is used as a herbicide?

(A) Auxin

(B) Cytokinin

(C) 2, 4-D

(D) Abscisic acid

Q98 ikFkfu;e dks dSSls tSo ,tsaVks dk mi;ksx djds fu;af=r fd;k tk ldrk gS\

(A) dSDVksCykfLVe dSDVksje

(B) vksfQ;ksekbvk yaVsuh

(C) lksYos fu+;k esysLVk

(D) tkbZxksxzkek fcdksyksjkVk

Q99 _____ ygjnkj Hkwfe vkSj jsrhyh fe7h dh flapkbZ ds fy, mi;qDr fof/k gSA

(A) lhek i7h

(B) Qkokjk

(C) esM+canh (Check basin)

(D) ukyh fof/k

Q100 fdl gkseksZu dk mi;ksx r`.kuk"kd ds :i es fd;k tkrk gS\

(A) vkWlhu

(B) lkbVksd+huhu

(C) 2, 4-Mh

(D) ,Clhfld ,flM

(B) Laws of Magnetism

(C) Theory of Relativity

(D) Theory of Gravitation

Q102 Which among the following are present in higher amount in hard water?

(A) Calcium and Magnesium

(B) Calcium and Potassium

(C) Potassium and Magnesium

(D) Sodium and Calcium

Q103 Which among the following term refers to the commercial rearing of silkworms?

(A) Vericulture

(B) Sericulture

(C) Liticulture

(D) Pisciculture

Q104 _____ is a simple device that is used to either break an electric circuit or complete it.

(A) Transistor

(B) Fuse

(C) Resistor

(D) Switch

Q105 Which among the following nutrients is essential for the normal functioning of the thyroid gland?

(A) Sodium

(B) Calcium

(C) Iodine

(D) Potassium

Q102 fuEufyf[kr es I dlïu Ik dBksj ikuh e vf/kd ek=k es ekStn gS\
(A) dSfY"k;e vkSj eSXuhf"k;e
(B) dSfY"k;e vkSj iksVSf"k;e
(C) iksVSf"k;e vkSj eSXuhf"k;e
(D) IksfM;e vkSj dSfY"k;e

Q103 fuEufyf[kr es Is dksSu Ik "kCn js"ke ds dhM+ ds okf.kfT;d ikyu dk InfHkZr djrk gS\
(A) osjhdYpj
(B) IsfjdYpj
(C) fyVhdYpj
(D) ihlhdYpj

Q104 _____ ,d Ik/kkj.k midj.k g] ftIdk mi;ksx byfDVd IfdV dks fo;ksftr djus ;k bI iwjk djus d fy, fd;k tkrk gSA
(A) V^katfLVj
(B) ¶;wt
(C) izfrjjls/kd
(D) fLop

Q105 Fkk;jkbM xzafFk d IkekU; dkedkt ds fy, fuEufyf[kr iks'kd es Is dksSu Ik vko";d gS\
(A) IksfM;e
(B) dSfY"k;e
(C) vk;ksMhu
(D) iksVSf"k;e

Q107 _____ Chromosomes are affected in Turner syndrome.
(A) 14
(B) 28
(C) 34
(D) 45

Q108 On the basis of which phenomenon does a Jet Engine work?
(A) Conservation of velocity
(B) Conservation of linear momentum
(C) Conservation of acceleration
(D) Conservation of circular momentum

Q109 Motion that repeats itself after some period of time, is called _____ motion.
(A) rectilinear
(B) periodic
(C) uniform
(D) non-uniform

Q110 Which among the following is necessarily present in an alloy for it to be referred as 'Amalgam'?
(A) Silver
(B) Cobalt
(C) Nickel
(D) Mercury

Q111 _____ is the SI unit of dynamic viscosity.
(A) Newton per metre
(B) Pascal second
(C) Newton per metre square
(D) Pascal metre

Q107 _____ Økektke Vuj flMke e iHkkfor gksrs gSaA
(A) 14
(B) 28
(C) 34
(D) 45

Q108 tsV batu fdl ?kVuk ds vk/kkj ij dke djrk gS\
(A) osx dk laj{k.k
(B) jSf[kd xfr dk laj{k.k
(C) Roj.k dk laj{k.k
(D) o`Rrh; xfr dk laj{k.k

Q109 xfr tks dqN le; d ckn [kn dk nksgjkrh gS] mls _____ xfr dgk tkrk gSA
(A) lh/kk
(B) vkof/kd
(C) ,dleku
(D) xSj&,dleku

Q110 ikjn&feJ.k ;k ^veyxe^ dgyku ds fy, fdlh feJ /kkrq esa fuEufyf[kr esa l fdl dk gksuk vko";d gS\
(A) pkanh
(B) dksckYV
(C) fudy
(D) ikjk

Q111 _____ xfr"khy ";kurk dh SI bdkbi gSA
(A) U;wVu izfr ehVj
(B) ikLdy lsdaM
(C) U;wVu ifr ehVj oxZ
(D) ikLdy ehVj

Q113 When the heavier component in a mixture settles after water is added to it, the process is called _____.
  (A) yarning
  (B) sieving
  (C) sedimentation
  (D) threshing

Q114 Shadows are formed when a/an _____ object comes in the path of light.
  (A) transparent
  (B) translucent
  (C) luminous
  (D) opaque

Q115 A _____ is a passive two-terminal electrical component that implements electrical resistance as a circuit element.
  (A) resistor
  (B) diode
  (C) transistor
  (D) capacitor

Q116 What is a fertiliser that supplies two or more than two primary nutrients called?
  (A) Straight fertiliser
  (B) Organic manure
  (C) Green manure
  (D) Complex fertiliser

Q117 A day is considered a rainy day when it receives a rainfall of:
  (A) 3.0 mm
  (B) 2.0 mm
  (C) 2.5 mm
  (D) 12.5 mm

Q119 What is the percentage of nitrogen present in farm yard manure (FYM) in general?

(A) 0.5

(B) 0.6

(C) 0.8

(D) 0.7

Q120 The interaction between the alleles of two or more loci is known as:

(A) epidemiology

(B) epiphytosis

(C) epistasis

(D) dominant

Q121 Division of Agricultural Meteorology at Pune was established in:

(A) 1932

(B) 1930

(C) 1905

(D) 1924

Q122 The book 'Fungi and Plant Diseases' was written by:

(A) Dr KC Mehta

(B) Dr BB Mundukur

(C) Dr EJ Butler

(D) Dr JF Dastur

Q123 The blood sugar of an insect is:

(A) glucose

(B) mannitol

(C) trehalose

(D) mannose

(D) 1 : 80

Q125 The leading producer of Muga silk in the world is:
   (A) China
   (B) India
   (C) USA
   (D) Russia

Q125 fo"o es exk js"ke dk vxz.kh mRiknd ns"k dkSu lk gS\
   (A) phu
   (B) Hkkjr
   (C) vesfjdk
   (D) :l

Q126 The value of

$$\frac{2}{3}\left[5\frac{1}{4}-\frac{1}{4}\left(\frac{3}{8}-\frac{1}{6}\right)+2\frac{1}{2}\left\{\frac{3}{8}+\frac{1}{4}\left(\frac{1}{2}+\frac{1}{3}\right)\right\}+3\right]\frac{\frac{1}{2}\,of\,1\frac{1}{4}\times\frac{1}{4}\,of\,\frac{4}{5}+\frac{2}{3}\left(\frac{7}{8}-\frac{1}{2}\right)}{}$$

is

   (A) $\dfrac{18}{277}$
   (B) $\dfrac{9}{277}$
   (C) $\dfrac{6}{103}$
   (D) $\dfrac{8}{103}$

Q126 $$\frac{\frac{1}{2}\,of\,1\frac{1}{4}\times\frac{1}{4}\,of\,\frac{4}{5}+\frac{2}{3}\left(\frac{7}{8}-\frac{1}{2}\right)}{\frac{2}{3}\left[5\frac{1}{4}-\frac{1}{4}\left(\frac{3}{8}-\frac{1}{6}\right)+2\frac{1}{2}\left\{\frac{3}{8}+\frac{1}{4}\left(\frac{1}{2}+\frac{1}{3}\right)\right\}+3\right]}$$

dk eku D;k gS\

   (A) $\dfrac{18}{277}$
   (B) $\dfrac{9}{277}$
   (C) $\dfrac{6}{103}$
   (D) $\dfrac{8}{103}$

Q127 The value of

$$\frac{(0.5+0.75)\times(2.5-0.4)\div0.125\,of\,4.8}{(0.5-0.3\,of\,0.25-0.2)\div(0.5-0.3)\,of\,(0.25-0.2)}$$

is:

   (A) $0.00\overline{2}$
   (B) $0.19\overline{4}$
   (C) $0.14\overline{9}$
   (D) $0.00\overline{8}$

Q127 $$\frac{(0.5+0.75)\times(2.5-0.4)\div0.125\,of\,4.8}{(0.5-0.3\,of\,0.25-0.2)\div(0.5-0.3)\,of\,(0.25-0.2)}$$

dk eku D;k gS\

   (A) $0.00\overline{2}$
   (B) $0.19\overline{4}$
   (C) $0.14\overline{9}$
   (D) $0.00\overline{8}$

(C) 3800

(D) 6500

Q129 If $x^2 - 4x + 1 = 0$ then the value of $x^3 - \dfrac{1}{x^3}$ can be:

(A) $30\sqrt{3}$

(B) 26

(C) $8\sqrt{3}$

(D) 52

Q130 One of the factors of $a^3 - b^3 + 1 + 3ab$ is:

(A) $a - b - 1$

(B) $a + b - 1$

(C) $a^2 + b^2 - ab + a - b + 1$

(D) $a^2 + b^2 - ab - a + b + 1$

Q131 The measure of an angle for which the measure of its supplement is 4 times the measure of its complement is:

(A) 45°

(B) 60°

(C) 75°

(D) 20°

Q132 If $\dfrac{7\sqrt{3}}{\sqrt{10}+\sqrt{3}} - \dfrac{3\sqrt{2}}{\sqrt{15}+3\sqrt{2}} = a + b\sqrt{30}$

then the value of $\sqrt{8b-a}$ is:

(A) 3

(B) 4

(C) 5

(D) 7

(A) 8% decrease

(B) 8% increase

(C) 0.8% decrease

(D) 0.8% increase

Q134 Anu marks an article 35% above its cost price. She allows a discount of 20% on this price. She further decides to give another discount of 25% and suffers a loss of `45. What is the cost price of the article?

(A) `240

(B) `244

(C) `280

(D) `284

Q134 vu ,d oLrq dk bldh ykxr ls 35% vf/kd vafdr djrh gSA og bl dher ij 20% NwV nsrh gSA og 25% dh vkSj NwV nsus dk fu"pl djrh gS rFkk mls `45 dh gkfu mBkuh iMrh gA oLr dh ykxr dher D;k gS\

(A) `240

(B) `244

(C) `280

(D) `284

Q135 A merchant mixes two varieties, A and B, of wheat costing `30.80 per kg and `26 per kg, respectively, and sells the mixture at `x per kg, thereby making a profit of 10%. If A and B are mixed in the ratio of 5 : 7, then the value of x is:

(A) 28

(B) 30

(C) 30.6

(D) 30.8

Q135 ,d O;kikjh us A vkSj B fdLe ds xsgwaj ftudh ykxr Øe"k `30.80 izfr kg vkSj `26 izfr kg gS] dks fefJr dj fn;k rFkk fefJr xsg dks `x izfr kg ij csprk gS blls mls 10% ykHk gksrk gSA ;fn A vkSj B dks 5 : 7 ds vuqikr es feyk;k tkrk gS rc x dk eku D;k gksxk\

(A) 28

(B) 30

(C) 30.6

(D) 30.8

Q136 The average of 15 numbers is 118. The average of the first 5 numbers is 92, and that of the next 7 numbers is 120. The 13th number is 14 more than the 14th number but 13 less than the 15th number. What is the average of the 13th and 15th numbers?

(A) 162.6

(B) 162.8

(C) 163.5

(D) 163.8

Q136 15 la[;kvks dk vkSlr 118 gSA igyh ikap la[;kvks dk vkSlr 92 gS] rFkk vxyh lkr la[;kvks dk 120 gSA 13oh la[;k 14oha la[;k ls 14 vf/kd g ysfdu 15oha la[;k ls 13 de gSA 13oh vkj 15oh la[;kvka dk vkSlr D;k gS\

(A) 162.6

(B) 162.8

(C) 163.5

(D) 163.8

fully filled tank?
- (A) 64 hours
- (B) 70 hours
- (C) 72 hours
- (D) 75 hours

Q138 6 men and 9 women can complete a piece of work in 10 days, whereas 5 men and 4 women can complete the same work in 15 days. How many women must assist 4 men to complete the same work in 7 days?
- (A) 20
- (B) 22
- (C) 24
- (D) 30

Q139 A circular road surrounding a circular garden was repaired. The total cost of the repair was `2,21,760 at the rate of `10 per m². If the linear radius is 112 m, then what is the width of the road?
- (A) 14 m
- (B) 15 m
- (C) 30 m
- (D) 28 m

Q140 When $(x^3 - 2x^2 - px - q)$ is divided by $(x^2 - 2x - 3)$, the reminder is $(x - 6)$. The values of p and q are respectively:
- (A) -2 and -6
- (B) 2 and -6
- (C) -2 and 6
- (D) 2 and 6

the earlier loss?
- (A) 9% increase
- (B) 18% increase
- (C) 20% decrease
- (D) 40% decrease

Q142 In a class, the ratio of the number of boys to that of girls is 2 : 3. The ratio of the number of students who passed to the number of those who failed is 5 : 3. Among boys, the ratio of the number of those who failed to the number of those who passed is 3 : 1. What is the ratio of the number of girls who failed to those who passed?
- (A) 1 : 5
- (B) 1 : 7
- (C) 2 : 7
- (D) 2 : 5

Q142 ,d d{kk es yM+dks vkSj yM-fd;ks dh la[;k dk vuqikr 2 : 3 gSA mRrh.k vkSj vuqRrh.kZ gksus oky Nk=k dh la[;k dk vuqikr 5 : 3 gSA tcfd mRrh.kZ vkSj vuqRrh.k gksus oky yMdk dh l[;k dk vuikr 3 : 1 gA mRrh.k vkj vuuRrh.k gku okyh yMfd;k dk vuikr D;k gS\
- (A) 1 : 5
- (B) 1 : 7
- (C) 2 : 7
- (D) 2 : 5

Q143 A and B share a piece of land in the ratio of 3 : 4. Each of them grows rice and wheat in this land, and the entire land is covered by rice and wheat in the ratio of 4 : 3. If the ratio of rice to wheat grown on A's land is 5 : 3, then what is the ratio of rice to wheat grown on B's land?
- (A) 15 : 14
- (B) 16 : 13
- (C) 17 : 15
- (D) 18 : 17

Q143 A vkSj B 3 : 4 ds vuqikr e ,d Hkw[kaM dks lk>k djr gSaA nksuk bl Hkwfe es pkoy vkSj xsgw dh [ksrh djr gS vkSj iwjh Hkwfe es pkoy vkSj xsg dh [ksrh ds {ks=Qy dk vuqikr 4 : 3 gSA vxj A ds fgLls dh Hkwfe ij pkoy vkSj xsg ds {ks=Qy dk vuqikr 5 : 3 gS] rks B dh Hkwfe e iSnk fd, tku okys pkoy vkSj xsgw dk vuqikr D;k gS\
- (A) 15 : 14
- (B) 16 : 13
- (C) 17 : 15
- (D) 18 : 17

instalments each of `5,512.50. If the rate of interest was 5% p.a., compounded yearly, then the total interest paid by the farmer was:

(A) `664

(B) `775

(C) `780

(D) `810

Q145 A man can row $7\frac{1}{2}$ km downstream and 5 km upstream in 1 hour. He can row $22\frac{1}{2}$ km downstream and 20 km upstream in $3\frac{1}{2}$ hours. He will row a distance of $18\frac{3}{4}$ km in still water in:

(A) 1 hour

(B) $1\frac{1}{4}$ hours

(C) $1\frac{1}{2}$ hours

(D) $1\frac{3}{4}$ hours

pqdk;k tkuk gSA ;fn C;kt nj okrkZad vk/kkj ij pØof)r 5% ifro'k g] rk fdlku n~okjk Hkqxrku fd;k x;k dqy C;kt fdruk gS\

(A) `664

(B) `775

(C) `780

(D) `810

Q145 ,d O;fDr 1 ?kaVs ea izokg d lkFkk $7\frac{1}{2}$ km rFkk izokg ds foijhr 5 km ukSdk pyk ldrk gSA og $3\frac{1}{2}$?kaVs e izokg ds lkFk $22\frac{1}{2}$ km rFkk izokg d foijhr 20 km ukSdk pyk ldrk gSA og "kkar ikuh es $18\frac{3}{4}$ km dh nwjh fdrus le; e iwjh djsxk\

(A) 1 ?kaVs

(B) $1\frac{1}{4}$?kaVs

(C) $1\frac{1}{2}$?kaVs

(D) $1\frac{3}{4}$?kaVs

but if they move in opposite directions, they meet after $1\frac{1}{2}$ hours. The speed of the faster car is more than that of the other car by:

(A) 20%

(B) 28%

(C) $30\frac{2}{3}$ %

(D) $33\frac{1}{3}$ %

Q147 The perimeter of a triangular park is 540 m, and its sides are in the ratio of 25 : 17 : 12. If the area of the park is equal to the area of a square field, then what will be the perimeter of the square field?

(A) $120\sqrt{6}$ m

(B) $125\sqrt{6}$ m

(C) $120\sqrt{10}$ m

(D) $125\sqrt{10}$ m

Q147 ,d f=dks.kh; ikd dh ifjf/k 540 m gS rFkk bldh Hkqtk,a 25 : 17 : 12 ds vuqikr es gSA ;fn ikdZ dk {ks=Qy oxkZdkj eSnku ds {ks=Qy ds cjkcj gS] rks oxkZdkj eSnku dh ifjf/k D;k gksxh\

(A) $120\sqrt{6}$ m

(B) $125\sqrt{6}$ m

(C) $120\sqrt{10}$ m

(D) $125\sqrt{10}$ m

diameter of the tank is 3 m?

(A) 30 minutes

(B) 33 minutes

(C) 35 minutes

(D) 40 minutes

Q149 In $\triangle ABC$, $\angle A = 120°$ and $AD \perp BC$ at D. If $AB + BD = CD$, then the measure of $\angle C$ is:

(A) 18°

(B) 20°

(C) 25°

(D) 30°

Q150 In $\triangle ABC$, X and Y are the mid-points of sides AC and BC, respectively. If the area of $\triangle CXY = x$ and the area of quadrilateral $AXYB = y$, then:

(A) $y = \sqrt{8}x$

(B) $y = 4x$

(C) $y = 2x$

(D) $y = 3x$

gh ryk"kuh gkrh gSA gekj var%dj.k e
vkuan dk Ijtoj v<j [H"kh dk [kt+kuk
InSo fon~;eku jgrk gSA ;s ;knks vkSj
vuqHkfwr;ks dk og HkaMkj?kj gS tgk; gekjk
vr%dj.k vkt rd dh lHkh ;knks vkSj
vuqHkfwr;ks dls laxzghr djd j[krk gSA ;g
cggr cqf)eku vkj praj gSA ;g vkidk
vkKdkjh nkl Hkh gSA blds fo"kkky laxzg
es I vkfRed vkuan dk izkIr djuk g rs
bl mlh fn"kk es funf"kr djuk gksukA
ck°; eu dks dqN nsj ds fy, "kkar] fLFkj
vkj xfrghu dhft; vkj vUreu dk funs"kk
nhft; fd og vius Iaxx e Is udkjkRed
;knksa&vuqHkfwr;s dk feVk dj vkid fy,
vkuan ds vueksy lŭp ełrh fudky dj
yk;sA fujajr vius var%dj.k dls ;gh vkKk
nsrs jfg; vkSj /khjs&/khjs og dc vkidl
vkfRed vkuUn vkj thou&LQfr I Ijkckj
dj nsxk] vkidls irk Hkh ugh pysxkA

Q151 mijksDr xn~;ka"k dk /;ku Is if<+, vkSj
mi;qDr "kh'kZd dk p;u dhft,%
(A) vkuan dh [kkst
(B) vUreZu & ;knks dk HkaMkj?kj
(C) vUreZu
(D) vUreZu dh "kfDr

Q152 mijksDr xn~;ka"k dk /;ku Is if<+, vkSj
mi;qDr mRrj dk p;u dhft,\
iz"u%
vUreZu Is vkfRed vkuan dSls feyrk gS\
(A) vUreZu Ie>rk g fd ges vkun
pkfg,A
(B) vUreZu udkjkRedrk dk feVkdj
IdkjkRedrk Is eu dk "kkar dj
nsrk gS ftlls vkfRed vkuan feyrk
gSA
(C) vUreZu es dsoy vŭdh ;kn laxzghr
jgrh gS] mUgh dls okij dj nsrk gSA
(D) vUreZu InSo vŭNs dke djrk gSA

(A) tc vŬreZu dks izfrfnu "kkar] fLFkj
vkSj [kq"k jgu dk funsZ"k feyrk g rks
og ,d vkKkdkjh fdUrq Ie>nkj
Ind dh rjg eu dh Ikjh udkjkRed
xfrfof/k;k dks gVkrk tkrk gS vkSj
vŭNh vkj I[kn vuHkfr;k dk iokfgr
djus yxrk gSA eu "kkar gkus Is
vkuan dk vuqHko gksus yxrk g vkSj
/khjs&/khj ;gh vkuan Hkko LFkkbh gks
tkrk gSA

(B) tc vŬreZu dks izfrfnu "kkar] fLFkj
vkSj [kq"k jgu dk funsZ"k feyrk g rks
og ,d vkKkdkjh fdUrq Ie>nkj
Isod dh rjg eu e vkuan Hkj nsrk
gSA

(C) vUreZu dls funsZ"k feyus Is eu "kkar
gk tkrk g vkSj vkuan dk vuqHko
gksus yxrk gSA

(D) vUreZu es cggr "kfDr gksrh gSA og
gekjs funsZ"kkuq Ikj eu ds cqjs fopkj
gVk dj vŭNs fopkjls I Hkj nsrk gSA
ftlls [kk÷q'kh feyrh gSA

mijksDr xn~;ka"k dk /;kuiwoZd if<+, vkSj
j[kkfdr v"k dh mi;Dr 0;k[;k dk puko
dhft,%

(A) ck°; eu lkspuk can dj nsrk g rls
cqjh ;kn eu dk "kkr dj nsrh g
vkSj vkuan feyrk gSA

(B) ck°; eu dh xfrghurk vkun mRiUu
djus yxrh g vkSj "kkfr dh vuqHwfr
gksrh gSA

(C) tc ck°; eu xfrghu gksdj "kkar
gksrk g vkSj bl izfØ;k dh izfrfnu
iquqjkko`fRr gksrh g rls vUreZu /khjs&
/khjs bl fLFkjrk vkSj "kkfr dks vknr
e cny nsrk gS vkSj vUreZu es fufgr
ldkjkRed ÅtkZ izokfgr gksus yxrh
gSA fpRr dh mFky&iqFky vkSj
udkjkRedrk lekIr gksus l eu dls
"kfDr feyrh g vkj vUreZ; vkuafnr
vkSj LQwrZ jgus yxrk gSA

(D) tc ck°; eu xfrghu gksdj "kkar
gk tkrk g rls vUreZu /khjs&/khjs bl
fLFkjrk vkj "kkfr dk viuk yrk gS
vkSj fpRr dh mFky&iqfFky lekIr
gksus ls eu dk "kkfUr feyrh gS vkSj
vUreu vkufnr vkj LQr jgu yxrk
gSA

Q155 fuEu e dkSu lk dk;kZYy;h i= ugh gS\
  (A) izkFkfkZuk i=
  (B) il&foKfIr
  (C) laiknd d uke i=
  (D) fuea=.k i=

Q156 ^izfr^ mi lxZ fgnh Hkk'kk e fdl Hkk'kk ls
  vk;k gS\
  (A) fganh
  (B) laÑr
  (C) vaxzsth
  (D) Qkjlh

Q158 ^v[kjk"V^ "kCn fdl fons"kh Hkk'kk ls vk;k
  gS\
  (A) i"rs
  (B) jkseu
  (C) tikuh
  (D) vjch

Q159 ^ge nksuks "kkfUr iwoZd i<+rs jgs gA^ b
  okD; es ^iwoZd^ "kCn dkSu&lk aca/kcks/kd
  gS\
  (A) lfoHkfDrd
  (B) fufoHkfDrd
  (C) ekfyd
  (D) ;kSfxd

Q160 fuEukafdr e ls dkSu lk "kCn ^eNyh^ dk
  i;k;; gS\
  (A) piyk
  (B) rks;fuf/k
  (C) vf{k
  (D) >'k

Q161 ^tk^ "kCn dkSu lk loZuke gS\
  (A) fu"p; okpd
  (B) fut okpd
  (C) laca/k okpd
  (D) iq#'k okpd

Q162 de okŭ; fØ;k ds ml fo/kku dls dgrs g
  ftles fØ;k dk izR;{k laca/k deZ ls gkrk
  g vkj fØ;k e : ikrj _____ d vu kj
  gksrk gSA
  (A) drk
  (B) de
  (C) Hkko
  (D) de vkSj Hkko

Q164 ^eYgkj vykiuk^ eqgkojs dk mfpr vFlZ
pqfu,\
  (A) viuh gh cM+kb djr jguk
  (B) O;Fk dh vk"kk ij ilUu jguk
  (C) pSu ft+Unxh dVuk
  (D) >wBh ckrsa mM+kuk

Q165 ^fdlh oLrq dks O;ogkj es ykuk^ bldk
vk"k; fdl "kCn l gS\
  (A) mi;ksx
  (B) vuqi;ksx
  (C) iz;ksx
  (D) lnqi;ksx

Q166 fuEufyf[kr es ls fdl "kCn e Loj&0;atu
laca/kh v"kqf) ugh gS\
  (A) vkjksK
  (B) blkbZ
  (C) ÅtZloh
  (D) vkrqrqD;

Q167 dk;kZy;hu vkns"k lnSo if'kr gksrk gS\
  (A) dfu'B ls ofj'B dks
  (B) ofj'B ls dfu'B dks
  (C) nksuk vksj ls
  (D) O;fDrxr :i ls ofj'B ls dfu'B dks

Q168 fuEu e l dkSu lk "kCn ^Loj dk oxhZdj.k^
ugh gS\
  (A) lyqr
  (B) àLo
  (C) l;Dr
  (D) n~foRo

Q170 ftl lekl e iwo&in xkS.k rFkk mRrj&in
iz/kku gks] mls dkSu lk lekl dgrs gSa\
  (A) n~oUn lekl
  (B) cgqozhfg lekl
  (C) n~foxq lekl
  (D) rRiq#'k lekl

Q171 tk laKk] oZZuke vkfn "kCnks l tqMdj u,
"kCnk dh jpuk djr gSa os dkSu ls izR;;
dgykrs gSa\
  (A) rf)r izR;;
  (B) Ñnar izR;;
  (C) laLÑr izR;;
  (D) vuh; izR;;

Q172 ^xtiZFk^ dk ^röo^ "kCn gS\
  (A) xk¡B
  (B) xkaB
  (C) xëh
  (D) xqRFkh

Q173 tk oZZuke laKk "kkuks ds esy ls curs gS\
  mUgs dgrs gS\
  (A) fodkjh oZZuke
  (B) vfodkjh oZZuke
  (C) la;qDr oZZuke
  (D) lEcU/kokpd oZZuke

Q174 ftl fØ;k l lapkfyr O;kikj dk Qy
drk dk NksM+dj deZ ij iM+rk gS] mls
dkSu lh fØ;k dgrs ga\
  (A) vdeZd fØ;k
  (B) ldeZd fØ;k
  (C) n~fodeZd fØ;k
  (D) izsj.kkFkZd fØ;k

Q176 ^rqe fnu Hkj ?kwers jgrs gksA^ & ^Hkj^ "kCn
dkSu lk v0;; gS\
(A) foLe;kfncks/kd
(B) laca/kcks/kd
(C) fuikr
(D) I;ktd

Q177 ^r'.kk^ d foijhrkFkd "kCn dk p;u dhft,%
(A) for`'.k
(B) for`'.kk
(C) r`fIr
(D) yksHk

Q178 tg^ ^iyki^ dk vk"k; nq[kh ;k Økf/kr
gksdj 0;Fk dh ckrs cksyuk g ogh ^foyki^
ls vk"k;%
(A) jks&jks dj viuk nq%[k dgrs tkuk
(B) vkokt d lkFk jksuk
(C) t+ksj&t+ksj I jksuk
(D) gkFk iVd&iVd dj jksuk

Q179 fuEufyf[kr "kCnk es ls dkSu lk "kCn
laca/kokokph g\
(A) nso
(B) nsoh
(C) nSoh;
(D) nsork

Q180 ^esjs gkFk es y[kuh gS^ okD; es dkSu lk
ijlx gS\
(A) de
(B) viknku
(C) vf/kdj.k
(D) Eiznku

Q182 okD; es iz;qDr "kCnks e ijLij lkeatL;
dk dgrs gS\
(A) inØe
(B) vUo;
(C) mÌs";
(D) fo/ks;

Q183 fd Ih jktif=r vf/kdkjh dh fu;fDr]
inkUufr] vodk"k&LohÑfr vkj mud
LFkkukrj.k dh Ipuk dk jktif= e idkf"kr
djus ds fy, fd I i= dk iz;ksx fd;k
tkrk gS\
(A) ifji=
(B) "kklukns"k
(C) vf/k Iwpuk
(D) dk;kZy; Lef`r&i=

Q184 fuEu e I dku Ik "kCn ^i;Ru vkj mÌpkj.k^
ds vk/kkj ij 0;atu dk oxhZdj.k ugh gS\
(A) mÄR{kkr
(B) ikf"oZd
(C) I?ks"k
(D) Å'e

Q185 ftu Lojk ds mÌpkj.k es nk ek=k dk Ie;
yxrk gS ;k àLo I nksxquk Ie; yxrk gS
mudk dgrs gS\
(A) Iyqr Loj
(B) xq# Loj
(C) ewy Loj
(D) y?q Loj

(C) dkdY;

(D) dB;

Q187 laf/k&foüNsn e ;fn fdlh oxZ d ^izFke o.k¼ ls ijs dksbZ vuqukfld o.kZ gk] r¼ laf/k djrs le;] izFke o.k d LFkku ij mlh oxZ dk dkSu lk o.kZ gk tk,xk\

(A) mlh oxZ dk r`rh; o.kZ

(B) mlh oxZ dk vuqukfld vFkkZr iape o.kZ

(C) mlh oxZ dk prqFk o.kZ

(D) mlh oxZ dk izFke o.kZ

Q188 /ofu ds vuqdj.k ds vk/kkj ij tks "kCn fufer gk x, g vkj ftudh 0;RifRr vKkr gS] ,sl "kCnks ds D;k dgk tkrk gS\

(A) rRle "kCn

(B) ns"kt "kCn

(C) fons"kt "kCn

(D) izkÑr "kCn

Q189 O;qRifRr d vk/kkj ij laKk ds fdrus Hksn gksrs gSa\

(A) nks

(B) rhu

(C) ikjp

(D) N%

Q190 ^lekukf/kdj.k^ fdl v0;; dk Hksn gS\

(A) leqPp;cks/kd

(B) fØ;k&fo"k'k.k.k

(C) laca/kcks/kd

(D) foLe;kfncks/kd

Q192 lansg&la"k; e ^lansg^ dk vFk tgk eu e dqN gksus dh vk"kadk gku gS] ogka ^la"k;^ dk vFk gkS

(A) eu es "kd dh fLFkfr

(B) dqN ?kfVr gksus ds fu"p; dh fLFkfr

(C) Øks/k dh fLFkfr

(D) okLrfodrk ds fy, vfu"p; dh fLFkfr

Q193 ^fdlh 0;fDr ;k oLr dk u viukuk^ okD;k"k ds fy, mi;qDr "kCn dk p;u dhft,%

(A) cfg'dkj

(B) ifj'dkj

(C) frjLdkj

(D) ijksidkj

Q194 ^dqy&dqy^ "kCn ;qXe ds lgh vFk&Hksn dk p;u dhft,%

(A) oa"k&xeu

(B) oa"k&fdukjk

(C) fdukjk&oa"k

(D) lc&oa"k

Q195 iqfly us esgekuk es ls gh ,d 0;fDr dks idMk vkj ml ij pkjh dk _____ yxk;k] mi;qDr "kCn dk p;u dhft,A

(A) nks'k

(B) nks'kkjksi.k

(C) vfHk;ksx

(D) n.M

Q196 fuEufyf[kr e dksu lk "kCn iqfYyx gS\

(A) nhed

(B) jkr

(C) o'kkZ

(D) fo/kqj