

laHkkO;rk

cgqi;kZ;h iz”u

1) nksu uk.;kaph tksMh QsdY;koi ,d Nki feG.;kph
laHkkO;rk -----

,o<h vkgs-

- a) 0 b) 1 c) $\frac{1}{3}$ d) $\frac{1}{2}$

mRrj: $\frac{1}{2}$

mdy nksu uk.kh Qsd.ks pk uequk vodk”k]

$$S = \{ HH, HT, TH, TT \}$$

$$n(S) = 4$$

?kVuk A : ,d Nki feG.ks-

$$A = \{ HT, TH \} \therefore n(A) = 2$$

$$\therefore P(A) = \frac{n(A)}{n(S)} = \frac{2}{4}$$

$$= \frac{1}{2}$$

2) 52 iRR;kaP;k dWVe/kwu jfld ps iRrs feG.;kph
laHkkO;rk fdrh vlsy-

- a) $\frac{1}{4}$ b) $\frac{3}{4}$ c) $\frac{1}{13}$ d) $\frac{12}{13}$

mRrj: $\frac{1}{4}$

mdy: ,dw.k iRrs = 52, bfLidps iRrs = 13

$$\therefore P(\text{bfLidps iRrs}) = \frac{13}{52}$$

$$= \frac{1}{4}$$

3) ,d Qklk Qsdyk rj 3 is{kk ygku la[;k ;s.;kph laHkkO;rk ----
----- vlrs-

a) $\frac{1}{3}$ b) $\frac{1}{2}$ c) $\frac{1}{4}$ d) $\frac{2}{3}$

mRrj: $\frac{1}{3}$

mdy: bFks $S = \{1, 2, 3, 4, 5, 6\}$

$$\therefore n(S) = 6$$

$$E = \{3 \text{ is\{kk ygku la[;k} = \{1, 2\}$$

$$\therefore n(E) = 2$$

$$\therefore P(E) = \frac{n(E)}{n(S)} = \frac{2}{6} = \frac{1}{3}$$

4) 10 uk.kh ,dkp osGh Qsdyh rj ,dw.k fdrh ?kVuk feGrhy ?

a) 1024 b) 512 c) 100 d) 10

mRrj: 1024

5) [kkyhyiSdh dks.krh ?kVusph laHkkO;rk vlw “kdrs ?

a) -0.4 b) 1.004 c) $\frac{18}{23}$ d) $\frac{10}{7}$

mRrj: $\frac{18}{23}$

mdy: dks.krhgh ?kVusph laHkkO;rk d/khp ,dkis{kk tkLr o
_.k ulrs-

6) rhu uk.kh ,dkposGh Qsdyh vlrk lxGs Nkis feG.;kph
laHkkO;rk -----

----- vlsy

a) 1 b) $\frac{1}{2}$ c) $\frac{1}{4}$ d) $\frac{1}{8}$

mRrj: $\frac{1}{8}$

mdy: bFks $S = \{HHH, HHT, HTH, THH, HTT, THT, TTH, TTT\}$

$$n(s) = 8$$

$$lxGs Nkis feG.ks = A = \{ HHH \}$$

$$\therefore n(A) = 1$$

$$\therefore P(A) = \frac{n(A)}{n(S)} = \frac{1}{8}$$

7) 52 iRR;kP;k dWVe/kwu yky jaxkP;k jktk ps iRrs
feG.;kph laHkkO;rk -----

----- vlsy

$$a) \frac{1}{26} \quad b) \frac{1}{13} \quad c) \frac{1}{14} \quad d) \frac{1}{2}$$

$$\text{mRrj: } \frac{1}{26}$$

$$\text{mdy: ,dw.k iRrs} = 52$$

$$n(S) = 52$$

$$B = \text{yky jaxkP;k jtkaps iRrs} = 2$$

$$\therefore n(P) = 2$$

$$\therefore P(B) = \frac{n(B)}{n(S)} = \frac{2}{52}$$

$$= \frac{1}{26}$$

8) 52 iRR;kaP;k dWVe/kwu ulsys iRrs feG.;kph laHkkO;rk
----- vlsy-

$$a) \frac{3}{13} \quad b) \frac{10}{13} \quad c) \frac{7}{13} \quad d) \frac{4}{13}$$

$$\text{mRrj: } \frac{10}{13}$$

$$\text{mdy: ,dw.k iRrs} = 52 \quad \therefore n(S) = 52$$

$$A = \text{,dw.k fp= vlsys iRrs} = 12$$

$$B = \text{fp= ulsys iRrs} = 52 - 12 = 40$$

$$\therefore n(B) = 40$$

$$\therefore P(B) = \frac{n(B)}{n(S)} = \frac{40}{52} = \frac{10}{13}$$

9) ,dk BksdG;ke/;s 5 ;s.;kph laHkkO;rk fdrh vlsy ?

a) $\frac{1}{6}$ b) $\frac{5}{6}$ c) $\frac{1}{3}$ d) $\frac{1}{2}$

mRrj: $\frac{1}{6}$

mdy: bFks $S = [1, 2, 3, 4, 5, 6]$

$\therefore n(S) = 6$

5 feG.;kph laHkkO;rk = $\frac{1}{6}$

10) SOCIETY ;k “kCnkaph v{kjs ,dk jkaxsr lyx Bsoyh vkgsr -;krhy Loj

feG.;kph laHkkO;rk ----- vlsy-

a) $\frac{1}{7}$ b) $\frac{2}{7}$ c) $\frac{3}{7}$ d) $\frac{4}{7}$

mRrj: $\frac{3}{7}$

mdy: ,dw.k v{kjs = 7

Lojkaph la[;k = 3 ----- ($\because$ O , I , E gs Loj vkgsr)

$P(\text{Loj feG.ks}) = \frac{3}{7}$

11) 3 rs 20 Øekadkps dkMZ ,dk fi”kohr Bsoys vkgsr vkf.k rs iw.kZi.ks la[;k

felGys vkgsr- fi”kohrwu 1 dkMZ ;k–fPNd in~/krhus dk<yk vlrk

R;krwu le la[;k feG.;kph laHkkO;rk ----- vlsy-

a) $\frac{1}{20}$ b) $\frac{1}{3}$ c) $\frac{1}{4}$ d) $\frac{1}{2}$

$$\text{mRrj: } \frac{1}{2}$$

$$\text{mdy: } ,dw.k \text{ dkMZ} = 18$$

$$\begin{aligned} \text{le la[;k vlysys dkMZ} &= 4,6,8,10,12,14,16,18,20 \\ &= 9 \end{aligned}$$

$$\therefore P(\text{le la[;k}) = \frac{9}{18} = \frac{1}{2}$$

12) 3 uk.kh Qkls ,dkposGh Vkdys rj ,dw.k ?kVuk -----
vlrhy-

$$\text{a) 6} \quad \text{b) 18} \quad \text{c) 81} \quad \text{d) 216}$$

$$\text{mRrj: } 216$$

13) MAHIR ;k “kCnkrwu O;atus feG.;kph laHkkO;rk -----
vlsy-

$$\text{a) } \frac{2}{5} \quad \text{b) } \frac{3}{5} \quad \text{c) } \frac{4}{5} \quad \text{d) } 1$$

$$\text{mRrj: } \frac{3}{5}$$

mdy: MAHIR ;k “kCnkar ,dw.k v{kjs 5 vkgsr-

M, H, R v”kh 3 O;atus vkgsr-

$$P(\text{O;atus feG.ks}) = \frac{3}{5}$$

14) ,d eqyxh vls xf.kr ekaMrs dh rh ykWVjhrhy ifgys c{khl
ftad.;kph

“kD;rk $\frac{8}{100}$ v”kh vkgs- tj 6000 frdhVs fodyh xsyh vlrhy rj R;krhy

fdrh frdhVs frus fodr ?ksryh vlrhy ?

a) 400 b) 750 c) 480 d) 240

mRrj: 480

mdy: frdhVs fodysyh la[;k = $\frac{8}{100} \times 6000$

$$= 8 \times 60$$

$$= 480$$

15) ;ksX; fjrhys filysY;k 52 iRR;kaP;k dWVe/kwu ,d iRrk dk<yk rj rks

iRrk bfLidps 7 feG.;kph “kD;rk ----- vlsy-

a) $\frac{1}{26}$ b) $\frac{1}{52}$ c) $\frac{3}{52}$ d) $\frac{1}{13}$

mRrj: $\frac{1}{52}$

mdy: ,dw.k iRrs = 52

bfLid 7 os iRrk = 1

$$\therefore P(\text{bfLid 7 iRrk}) = \frac{1}{52}$$

16) ,dk fi”kohr 3 yky vkf.k 5 dkGs psaMw vkgsr-cWxsruw 1 psaMw ;k–fPNd

in~/krhus dk<yk vlrk]dk<ysyk psaMw yky vlsy ;kph
laHkkO;rk ----- vlsy-

a) $\frac{3}{8}$ b) $\frac{1}{2}$ c) $\frac{5}{8}$ d) $\frac{3}{4}$

mRrj: $\frac{3}{8}$

mdy: ,dw.k psaMw = 3 + 5 = 8

$$n(S) = 8$$

$$A = \text{yky psaMw vl.ks} = 3$$

$$\therefore n(A) = 3$$

$$\therefore P(A) = \frac{n(A)}{n(S)} = \frac{3}{8}$$

17) ,dk eqykdMs ,d Qklk vkgs-T;kps 6 i`BHkkx osxosxG;k
v{kjkauh n”kZfoys

vkgsr-rs [kkyhyizek.ks fnys vkgs] A , B , C, D, E, F tj
Qklk Qsdyk

rj D feG.;kph laHkkO;rk ----- vlsy-

a) $\frac{1}{4}$ b) $\frac{1}{2}$ c) $\frac{1}{3}$ d) $\frac{1}{6}$

mRrj: $\frac{1}{6}$

mdy: uequk vodk”k = S = { A, B, C, D, E, F }

$$\therefore n(S) = 6$$

$$\therefore P(D \text{ feG.;kph "kD;rk}) = \frac{1}{6}$$

18) ;ksX; fjrhus filysY;k 52 iRR;kaP;k dWVe/kwu ,d iRrk dk<yk- rks iRrk

,Ddk ulsy ;kph laHkkO;rk ----- vlsy-

$$\text{a) } \frac{1}{13} \quad \text{b) } \frac{2}{13} \quad \text{c) } \frac{12}{13} \quad \text{d) } \frac{4}{13}$$

$$\text{mRrj: } \frac{12}{13}$$

$$\text{mdy: ,dw.k iRrs} = 52$$

$$\therefore n(S) = 52$$

$$\text{,dw.k ,DD;kaph la[;k} = 4$$

$$Q = \text{,Dds ulysY;k iRR;kaph la[;k} = 52 - 4 = 48$$

$$\therefore n(Q) = 48$$

$$\therefore P(Q) = \frac{n(Q)}{n(S)} = \frac{48}{52} = \frac{12}{13}$$

19) ,d uk.ks nksunk Qsdys vlrk] nksUgh Nkis feG.;kph laHkkO;rk-----

----- vlsy

$$\text{a) } \frac{1}{2} \quad \text{b) } \frac{1}{3} \quad \text{c) } \frac{1}{4} \quad \text{d) } \frac{1}{6}$$

$$\text{mRrj: } \frac{1}{4}$$

$$\text{mdy: uequk vodk" k} = S = \{ HH, HT, TH, TT \}$$

,dw.k “kD; fu’iRrhph la[;k = 4

visf{kr fu’iRrh la[;k (nksUgh Nki feG.ks) = 1

$\therefore \text{nksUgh Nkis feG.;kph laHkkO;rk} = \frac{1}{4}$

20) ,[kknh ?kVuk ?kMw “kdr ulsy rj R;kph laHkkO;rk -----
----- vlsy

a a) 1 b) 34 c) 12 d) 0

mRrj: 0

mdy: ?kVuk ?kMw “kdr ukgh-

21) ,[kknh ?kVuk ?kM.;kph “kD;rk Qkjp deh vlrs- R;kph
laHkkO;rk -----

--- P;k toG vlrs-

a) 0.0001 b) 0.001 c) 0.01 d) 0.1

mRrj: 0.0001

22) LraHk tqGok vkf.k [kkyhy i;kZ;kae/kwu ;ksX; i;kZ;
“kks/kk-

1.	fuf”pr ?kVusph laHkkO;rk	A.	$\frac{1}{2}$
2.	v”kD; ?kVusph laHkkO;rk	B.	0
3.	A vkf.k B ;k iwjd ?kVuk vkgsr-	C.	1
			D. $P(B) = 1 - P(A)$
			E. $P(A) = P(B)$

a) $(1) \rightarrow (A), (2) \rightarrow (B), (3) \rightarrow (C),$

b) $(1) \rightarrow (B), (2) \rightarrow (A), (3) \rightarrow (C),$

c) $(1) \rightarrow (C), (2) \rightarrow (B), (3) \rightarrow (E),$

d) $(1) \rightarrow (C), (2) \rightarrow (B), (3) \rightarrow (D),$

mRrj: $(1) \rightarrow (C), (2) \rightarrow (B), (3) \rightarrow (D),$

23) T;k iz;ksxkr loZ laHkkO; Qfrys vxksnj ekghr vlrkr, i.k R;kaiSdh

dks.kR;kgh Qfyrken~ny fuf"pr Hkkdhr vki.k d: "kdr ukgh-loZ Qfrys

IR; vl.;kph "kD;rk leku vlrs]v"kk iz;ksxkyk ----- vls
Eg.krkr-

aa) uequk vodk"k b)izkfFked ?kVuk c) ;k-fPNd iz;ksx d)
;kiSdh ukgh-

mRrj: ;k-fPNd iz;ksx

24) T;k iz;ksxkr leku ifjLFkrhe/;s ,dkp fu'iRrhph fdaok
fu.kZ;kaph

iqujko`Rrh gksrs rsOgk R;k iz;ksxkyk -----
Eg.krkr-

aa) ;k-fPNd iz;ksx b)laHkkO; iz;ksx c) izkFkfed iz;ksx d)
fu.kkZ;d iz;ksx-

mRrj: fu.kkZ;d iz;ksx

25) ?kVuk E lkbh] $P(E) + P(E) = q$ rj -----

a) $0 \leq q \leq 1$ b) $0 < q \leq 1$ c) $0 < q < 1$ d) ;kiSdh ukgh-mRrj: ;kiSdh ukgh

mdy: $P(E) + P(E) = 1$

$$\therefore q = 1.$$

26) ,d ek.kwl 4 iSdh 3 osGk [kjs cksyrks- rks ,d Qklk Vkdirks vkf.k R;koi 6

lksMwu osxGh ,d la[;k ;srs- i.k rj la[;k 6 vkgs vls rks lkaxrks R;kph

laHkkO;rk dk<k-

a) $\frac{3}{4}$ b) $\frac{1}{4}$ c) $\frac{1}{2}$ d) 1

mRrj: $\frac{1}{4}$

mdy: tsOgk 6 oxGrk brj ,d la[;k ;srs- vkf.k rks ek.kwl lkaxrks dh rh

la[;k lgk vkgs- ;kpk vFkZ rks ek.kwl [kksVs cksyr vkgs-

$$\text{laHkkO;rk} = 1 - \frac{1}{4}$$

$$= \frac{1}{4}$$

27) 00, 01, 02 ----- 99 la[;k vlysY;k 100 frdhVkad/kwu ;k-fPNd

in~/krhus 1 frdhV fuoMys- letk x gh la[;kaph csjht vkgs vkf.k y gs

la[;kps mRiknu vkgs] rj $x = 9$ vkf.k $y = 0$ ph laHkkO;rk --
----- vlsy-

a) $\frac{2}{17}$ b) $\frac{3}{27}$ c) $\frac{1}{50}$ d) $\frac{1}{25}$

mRrj: $\frac{1}{50}$

mdy: la[;kph csjht = 9 vkf.k la[;kps mRiknu = 0

$\therefore$ la[;k ,dr 09 fdaok 90 vlsy-

$\therefore$ vko";d laHkkO;rk = $\frac{2}{100} = \frac{1}{50}$

28) ukWu – yhi o"kkZr 53 lkseokj vl.;kph laHkkO;rk -----
vlsy

a) $\frac{3}{4}$ b) $\frac{1}{4}$ c) $\frac{1}{7}$ d) 1

mRrj: $\frac{1}{7}$

mdy: ukWu – yhi o"kkZrhy fnolkaph la[;k = 365

laiw.kZ vkBoM;kaph la[;k = 52 ($52 \times 7 = 364$)

mjysY;k fnolkaph la[;k = 1

gk fnol lkseokj vl.;kph laHkkO;rk = 53

lkseokjkaph laHkkO;rk = $\frac{1}{7}$

29) ;ksX; fjrhus filysY;k 52 iRR;kaP;k dWVe/kwu ,d iRrk ;k-fPNd

in~/kfruh dk<yk- dkGh jk.kh feG.;kph laHkkO;rk dk<k-

a) $\frac{1}{13}$ b) $\frac{1}{52}$ c) $\frac{1}{26}$ d) 1

mRrj: $\frac{1}{26}$

mdy: dkMZ dk<.kP;k ,dw.k ekxkZph la[;k = 52

dkGh jk.kh dk<.kP;k ekxkZaph la[;k = 0

$$\text{dkGh jk.kh feG.;kph laHkkO;rk} = \frac{2}{52} = \frac{1}{26}$$

30) tj rhu osxGh uk.kh ,d= Qsdyh] rj nksu Nki feG.;kph laHkkO;rk

dk<k-

a) $\frac{1}{8}$ b) $\frac{3}{8}$ c) $\frac{1}{2}$ d) 1

mRrj: rhu uk.kh ,d= Qsdyh-

mdy: uequk vodk”k = S = {HHH, HHT,HTH,THH,TTT,
TTH,THT,HTT}

$$n(S) = 8$$

2 Nkis ,d= vlysyh la[;k = 3

$$2 \text{ Nkis feG.;kph laHkkO;rk} = \frac{3}{8}$$

31) fu:i{kikrh Qklk Vkdyk]rj le la[;k feG.;kph laHkkO;rk dk; vlsy ?

a) $\frac{1}{8}$ b) $\frac{3}{8}$ c) $\frac{1}{2}$ d) 1

mRrj: $\frac{1}{2}$

mdy: ,dw.k fu"iRrh = $S = \{1,2,3,4,5,6\} \therefore n(S) = 6$

visf{kr fu'iRrh = $A = \{2,4,6\} \therefore n(A) = 3$

$$\therefore P(A) = \frac{n(A)}{n(S)} = \frac{3}{6} = \frac{1}{2}$$

32) tj ftadysY;k [ksGkph laHkkO;rk 0.3 vlsy rj gkjysY;k [ksGkph laHkkO;rk

dk; vlsy -

a) 1 b) 0.7 c) 0.3 d) 99.7

mRrj: 0.7

mdy: ftadysY;k [ksGkph laHkkO;rk = 0.3

$$\therefore \text{gkjysY;k [ksGkph laHkkO;rk}$$

$$= 1 - \text{ftadysY;k [ksGkph laHkkO;rk}$$

$$= 1 - 0.3$$

$$= 0.7$$

33) ,d Qklk ,dnk Vkdyk vlwu 3 is{kk ygku la[;k feG.;kph laHkkO;rk-----

----- vlsy-

a) $\frac{1}{3}$ b) $\frac{3}{8}$ c) $\frac{1}{6}$ d) 1

mRrj: $\frac{1}{3}$

mdy: ,d Qklk ,dnk Vkdyk = s = { 1, 2, 3, 4, 5, 6}

$$n(S) = 6$$

$$\therefore 3 \text{ is } \{kk \text{ ygku la};k = B = \{ 1,2\} \quad \therefore n(B) = 2$$

$$\therefore P(B) = \frac{n(B)}{n(S)} = \frac{2}{6} = \frac{1}{3}$$

34) dks.krh la;k laHkkO;rk Eg.kwu n”kZfork ;s.kkj ukgh ?

a) 23% b) 1.5 c) 15% d) 0.7

mRrj: 1.5

mdy: dks.kR;kgh ?kVusph laHkkO;rk gh 0 rs 1 fdaok 0% rs 100% ;k njE;ku

vlsr-

35) ,d Qklk Qsdyk rj ojP;k i`BHkkxkoj 3 is{kk deh la;k ;s.;kph

laHkkO;rk dk; vlsy ?

a) $\frac{1}{6}$ b) $\frac{1}{3}$ c) $\frac{1}{2}$ d) 0

mRrj: $\frac{1}{3}$

36) 1 rs 100 e/khy fuoMysY;k la[;k eqG la[;k vl.kkÚ;k
?kVusph laHkkO;rk

dk; ?

a) $\frac{1}{5}$ b) $\frac{6}{25}$ c) $\frac{1}{4}$ d) $\frac{13}{50}$

mRrj: $\frac{1}{4}$

mdy: $n(S) = 100$

fuMysY;k la[;k ewG la[;k vkgsr gh ?kVuk A v"kh
ekuw

$$\therefore ?kVuk A = \{2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, \\ 59, 61, 67, 71, 73, 79, 83, 89, 97\}$$

$$\therefore n(A) = 25$$

$$\therefore P(A) = \frac{n(A)}{n(S)} = \frac{25}{100} = \frac{1}{4}$$

37) ,dk fi"kohr 40 dkMZ vkgsr-izR;sd dkMZoj 1 rs 40 vad
vkgsr-R;krwu

;k-fPNd in~/krhus 1 dkMZ dk<ys vlwu dk<ysY;k
dkMZoj ;s.kkjh la[;k

5 P;k iVhr vlsy ;kph laHkkO;rk dk<k-

a) $\frac{1}{5}$ b) $\frac{3}{5}$ c) $\frac{4}{5}$ d) $\frac{1}{3}$

mRrj: $\frac{1}{5}$

38) $n(A) = 2$, $P(A) = \frac{1}{15}$, $n(S) = ?$

- a) 10 b) $\frac{5}{2}$ c) $\frac{2}{15}$ d) $\frac{1}{3}$

mRrj: $\frac{2}{15}$

39) $P(A \cap B) = \frac{1}{15}$, $P(A) = \frac{1}{15}$, $P(B) = \frac{1}{15}$, $P(A \cup B) = ?$

- a) 0.5 b) 0.25 c) 0.75 d) 1

mRrj: 1

40) $P(A \cap B) = \frac{1}{15}$, $P(A) = \frac{1}{15}$, $P(B) = \frac{1}{15}$, $P(A \cup B) = ?$

- a) 0, $P(A \cap B)$ b) 1, $P(A \cup B)$
c) 1, $P(A \cap B)$ d) 0, $P(A \cup B)$

mRrj: 0, $P(A \cap B)$

41) $P(A \cap B) = \frac{1}{15}$, $P(A) = \frac{1}{15}$, $P(B) = \frac{1}{15}$, $P(A \cup B) = ?$

- a) 0, $P(A \cap B)$ b) 1, $P(A \cup B)$
c) 1, $P(A \cap B)$ d) 0, $P(A \cup B)$

mRrj: 1, $P(A \cup B)$

42) $P(A \cap B) = \frac{1}{15}$, $P(A) = \frac{1}{15}$, $P(B) = \frac{1}{15}$, $P(A \cup B) = ?$

- a) 0.5 b) 0.25 c) 0.75 d) 1

mRrj: 1

43) ,[kkn;k ?kVusph laHkkO;rk o is{kk tkLr fdaok leku vkf.k
----- is{kk

ygku fdaok R;kP;k leku vlrs-

- a) 0,1 b) 0,100 c) 1,100 d) 0.5,1

mRrj: 0,1

44) [kkyhyiSdh dks.krh ?kVusph laHkkO;rk ukgh ?

- a) $\frac{2}{3}$ b) -1.5 c) 15% d) 0.7

mRrj: -1.5

mdy: dkj.k ?kVusph laHkkO;rk gh “kwU;kis{kk eksBh
fdaok leku vlrs-

45) tj $P(E) = 0.05$ vlsy rj E ulySY;k ?kVusph laHkkO;rk dk;
vlsy?

- a) 0.95 b) 9.95 c) 99.95 d) 1

mRrj: 0.95

mdy: E ulySY;k ?kVusph laHkkO;rk = $1 - P(E)$

$$= 1 - 0.05 = 0.95$$

46) ;k–fPNd iz;ksxkrj”kD; vl.kkÚ;k loZ fu’iRrhaP;k lapkyk --
----- Eg.krkr-

a) uequk vodk" k b) fuf"pr ?kVuk c) v" kD; ?kVuk d) iwjd
?kVuk

mRrj: uequk vodk" k

47) ,[kknh ?kVuk ?kM.;kph laHkkO;rk Qkjp deh vlrs R;kph
laHkkO;rk -----

-----toG vlrs-

a) 0.0001 b) 0.001 c) 0.01 d) 0.1

mRrj: 0.0001

48) fof" k"V ?kVusph laHkkO;rk VDdsokjh Eg.kwu O;Dr
dsyh tkrs rh----- vlw

"kdrs-

a) 100 is{kk deh b) 0 is{kk deh c) 1 is{kk tkLr d) dks.krhgh
iw.kZ la[;k

mRrj: dks.krhgh iw.kZ la[;k

49) ,d Qklk Vkdyk vlrk lgk is{kk tkLr la[;k feG.;kph
laHkkO;rk -----

----- vlsy-

a) $1 < 0$ b) $> , 1$ c) 0 d) ;kiSdh ukgh-

mRrj: 0

50) 1 rs 50 e/kwu fuoMysyh la[;k fo"ke vl.;kph laHkkO;rk ---
----- vlsy-

a) 30% b) 80% c) 50% d) 100%

mRrj: 50%