

- Find the square root of $\frac{(0.064-0.008)(0.16-0.04)}{(0.16+0.08+0.04)(0.4+0.2)^3}$ ।
 (a) $\frac{2}{3}$ (b) $\frac{1}{3}$ (c) 3 (d) $\frac{3}{2}$
- A number exceeds its two fifth by 75. The number is:
 (a) 125 (b) 100 (c) 112 (d) 150
- The exponential form of $\sqrt{\sqrt{2} \times \sqrt{3}}$ is:
 (a) $6^{-1/2}$ (b) $6^{1/2}$ (c) $6^{1/4}$ (d) 6
- A milk vendor has 21 litres of cow milk, 42 litres of toned milk and 63 litres of double toned milk. If he wants to pack them in cans so that each can contains same litres of milk and does not want to mix any two kinds of milk in a can, then the least number of cans required is:
 (a) 3 (b) 6 (c) 9 (d) 12
- A box has 1 rupee, 50 paise and 25 paise coins in the ratio 3 : 2 : 5 worth Rs. 252. The number of 25 paise coins in the box is:
 (a) 96 (b) 144 (c) 240 (d) 48
- If 4 years ago the ratio between the ages of P and Q was 5 : 6 and the sum of their ages at present is 52, what is the ratio of their present ages?
 (a) 5 : 6 (b) 6 : 7 (c) 7 : 8 (d) 4 : 5
- A number is increased by x%; to get back to the original number, it is to be reduced by?
 (a) $\frac{10x}{10+x}\%$ (b) $\frac{100x}{100+x}\%$ (c) x% (d) $\frac{x}{100+x}\%$
- The outer and inner diameter of a circular path be 728cm and 700cm respectively. The breadth of the path is:
 (a) 7 cm (b) 14 cm (c) 28 cm (d) 20 cm
- A piece of wire when bent to form a circle will have a radius of 84cm. If the wire is bent to form a square, the length of a side of the square is:
 (a) 152cm (b) 168cm (c) 132cm (d) 225cm
- A parallelogram has sides 60m and 40m and one of its diagonals is 80m long. Its area is:

60 eh- rFkk 40 eh- Hkqt kvka okys l ekLrj prHkqt dk , d fod. k 80 eh- gL prHkqt dk {kaki by Kkr djA

- (a) $500\sqrt{15} \text{ m}^2$ (b) $600\sqrt{15} \text{ m}^2$ (c) $40\sqrt{15} \text{ m}^2$ (d) $450\sqrt{15} \text{ m}^2$

11. 15 men can finish a piece of work in 20 days, however it takes 24 women to finish it in 20 days. If 10 men and 8 women undertake to complete the work, then they will take.

, d dk; l dks 15 i q "k 20 fnuka ea i jk dj l dks gL tcfD ml dk; l dks 24 efgyk, a 20 fnuka ea i jk djrh gL 10 i q "k vKj 8 efgyk, a ml dk; l dks fdus fnuka ea i jk djxL

- (a) 20 days (b) 30 days (c) 10 days (d) 15 days

12. 4 men and 6 women complete a work in 8 days, 2 men and 9 women also complete in 8 days. The number of days in which 18 women complete the work is:

4 i q "k rFkk 6 efgyk, a fd l h dke dks 8 fnuka ea l ekLr djrs gL vKj 2 i q "k rFkk 9 efgyk, j Hkh dke dks 8 fnuka ea l ekLr djrs gL rks 18 efgyk, a dke dks fdus fnuka ea l ekLr djxL

- (a) $5\frac{1}{3}$ days (b) $5\frac{2}{3}$ days (c) $4\frac{1}{3}$ days (d) $4\frac{2}{3}$ days

13. A train is 250m long. If the train takes 50 seconds to cross a tree by the railway line, then the speed of the train in km/hr is:

, d jyxkM 250 ehVj yEch gL ; fn og jsyos ykbL jkjk o{k dks i kj djus ea 50 l dks ml yrh gL rks ml dh pky fdruh fdeh?k/k gL

- (a) 9 (b) 5 (c) 18 (d) 10

14. A man borrows some amount at the rate of 12% per annum at simple interest. After 6 years 8 months, he paid Rs.720 as an interest. Find the amount borrowed by him.

, d vkneh l k/kj. k C; kt ij 12% i fr o{k dh nj l s dN jkF'k m/kj yrk gL 6 o{k 8 eghus ds ckn ml us C; kt ds : i ea : -720 dk Hkxru fd; kA ml ds jkjk m/kj yH xbz jkF'k k Kkr djA

- (a) ₹ 900 (b) ₹ 960 (c) ₹ 920 (d) ₹ 1620

15. The compound interest on Rs.30,000 at 7% per annum for a certain time is Rs.4,347. The time is:

30]000 : - dh jkF'k i j 7% okF'kd nj l s fuf' pr l e; ds fy, pOof¼ C; kt 4]47: - gL og l e; gL

- (a) 3 years (b) 4 years (c) 2 years (d) 2.5 years

16. White selling to the retailer, a company allows 30% discount on the marked price of their products. If he retailer sells those products at marked price, his profit % will be:

, d dA uh fjVsj dks l eku cprs oDr vi uh oLrq ds vfdr eM; i j 30% NM nrh gL ; fn fjVsj mu oLrqka dks vfdr eM; i j cprk gL rks ml dk i fr'kr ykHk Kkr djA

- (a) 30% (b) $\frac{17}{2}$ % (c) 40% (d) $42\frac{6}{7}$ %

17. If $x(x+y+z)=20$, $y(x+y+z)=30$ and $z(x+y+z)=50$, then the value of $2(x+y+z)$ is:

; fn $x(x+y+z)=20$, $y(x+y+z)=30$ vKj $z(x+y+z)=50$ gL rks $2(x+y+z)$ dk eku D; k gkxk\

- (a) 20 (b) 10 (c) 15 (d) 18

18. If for non-zero x, $x^2 - 4x - 1 = 0$, the value of $x^2 + \frac{1}{x^2}$ is :

; fn x 'kl; Dkj ds fy,] $x^2 - 4x - 1 = 0$ rks $x^2 + \frac{1}{x^2} = ?$

- (a) 4 (b) 10 (c) 12 (d) 18

19. If (2, 0) is a solution of the linear equation $2x + 3y = K$, then the value of K is:

; fn jF[kd l ehdj. k $2x + 3y = K$ dk gy (2] 0) gL rks K dk eku crkb, A

- (a) 4 (b) 6 (c) 5 (d) 2

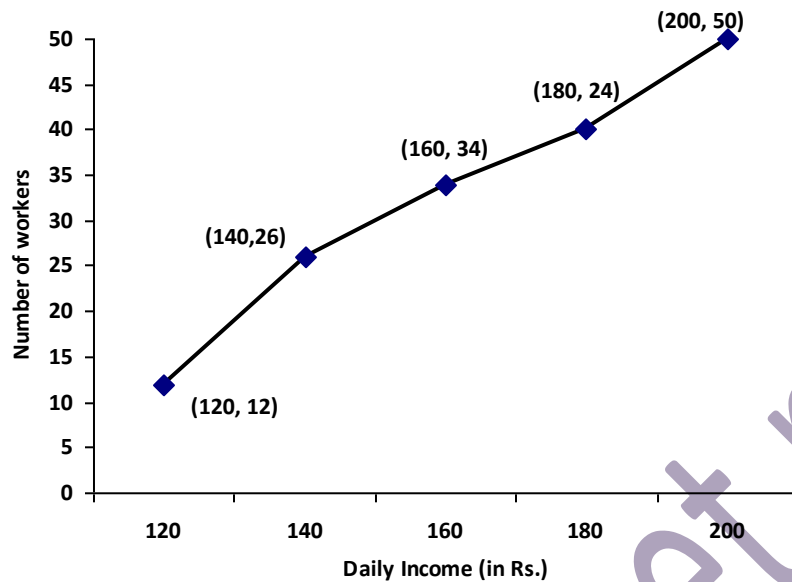
20. The graph of linear equation $y = x$ passes throughout the point.

jF[kd l ehdj. k $y = x$ dk ys[kkfp-k (xki 0) fd l fclnq l s xqtjrk gL

- (a) $\left(\frac{3}{2}, -\frac{3}{2}\right)$ (b) $\left(0, -\frac{3}{2}\right)$ (c) (1, 1) (d) $\left(-\frac{1}{2}, \frac{1}{2}\right)$

Directions (21-22): The graph given below shows the daily income of 50 workers in a factory. Study the graph and answer the questions:

funž k (21&22)% uhs fn, x; s xki 0 ea fdl dkj [kkuk ea dk; j r 50 dkexjka ds vk; dks n'kkz k x; k gā xki 0 dk vè; ; u fuEu iz uka dk mŭkj nā



21. What percentage of the factory workers earn between ₹ 150 and ₹ 180?
fdrus » depkj h : -150 rFkk : -180 ds chp dekrs gā
(a) 6% (b) 16% (c) 12% (d) 20%
22. The median wages in the factory is:
dkj [kkus ea etnj h dk vks r ekè; fdruk gā
(a) ₹ 140 (b) ₹ 138 (c) ₹ 150 (d) ₹ 160
23. If O is the orthocenter of triangle ABC and $\angle BOC = 100^\circ$, the measure of $\angle BAC$ is:
; fn f-kHkqt ABC dk y: dthae O gš rFkk $\angle BOC = 100^\circ$ gš rks $\angle BAC$ dk eku crkb, \\\n(a) 100° (b) 180° (c) 80° (d) 200°
24. The degree measure of 1 radian $\left(\pi = \frac{22}{7}\right)$
, d jfM; u dk eki D; k gkxk (fmXh ea)
(a) $57^\circ 61' 22''$ (approx.) (b) $57^\circ 16' 22''$ (approx.)
(c) $57^\circ 21' 16''$ (approx.) (d) $57^\circ 62' 16''$ (approx.)
25. After 9'O clock at what time between 9 p.m. and 10 p.m. will the hour and minute hands of a clock point in opposite direction?
9 cts ds ckn] jkf-k 9 vks] 10 cts ds chp , d nhokj ?kMh dh ?kMk vks] feuV dh I p; k; , d nil js dh foi jhr fn'kk ea fdl I e; gkxh \\\n(a) 15 minutes past 9 (9 ctdj 15 feuV) (b) 16 minutes past 9 (9 ctdj 16 feuV)
(c) $16\frac{4}{11}$ minutes past 9 (9 ctdj $16\frac{4}{11}$ feuV) (d) $17\frac{1}{11}$ minutes past 9 (9 ctdj $17\frac{1}{11}$ feuV)
26. BORE : 10 :: HOTEL : ?
(a) 12 (b) 15 (c) 18 (d) 30
27. Direction: Two statements are given followed by two conclusions I and II. You have to consider the two statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions are definitely drawn from the given statements :
funž k% nks dFku fn, x, gš ftuds vks nks fu"d"lk I vks II fudkys x, x, gā vki dks ekuuk gš fd oDr0; I R; gš pkgos os I keW; r% Kkr rF; ka I s fHkUu i rhr gkxk gā vki dks fu.kz djuk gš fd fn, x, fu"d"lk ea I s dks I s fuf'pr : i I s oDr0; ka jkjk I gh fudkyk tk I drk gš ; fn dkbz gkā
- Statements / dFku%
Some peons are poor / dñ pi jkl h fu/Lu gkrs gā
X is poor / X fu/Lu gā

Conclusions / fu"d"kk%

- I. X is a peon / X pi jkl h gA
- II. X has a large family / X dk ifjokj cMk gA
- (a) Only I follows / dby I gh fufgr gA
- (b) Only II follows / dby II gh fufgr gA
- (c) Both I and II follow / I vks II nksuka fufgr gA
- (d) Neither I nor II follows / u rks I vks u gh II fufgr gA

28. Direction: One/Two statement(s) is/are given followed by two conclusions I and II. You have to consider the two statements to be true even if /they seem(s) to be at variance from commonly known facts. You have to decide which of the given conclusions , if any follow(s) from the given statement(s) :

funz k% fuEufyf[kr izu ea , danks oDr0; fn; kfn, x; kex, gfgs ftl dftuds vks nks fu"d"kk% fudkys x, gA vki dks ekuuk gs fd oDr0; I R; gfgs pks ogos l kkl; r% Kkr rF; ka l s fHklU irhr gkrk gkrk gkrk vki dks fu.kz djuk gs fd fn, x, fu"d"kk% ea l s dks l k l s fuf'pr : i l s oDr0; oDr0; ka }kjk I gh fudkyk tk l drk gA dks gA; fn dkbz gA

Statements / oDr0; %

- (a) All frogs are tortoises / I Hkh ex-d dNq gA
- (b) No tortoise is a crocodile. / dkbz Hkh dNqvk exjePN ugha gA

Conclusions / fu"d"kk%

- I. No crocodile is a frog / dkbz Hkh exjePN ex-d ugha gA
- II. No frog is a crocodile / dkbz Hkh ex-d exjePN ugha gA
- (a) Only I follows / dby I gh ykxii gA
- (b) Only II follows / dby II gh ykxii gA
- (c) Both I and II follow / I vks II nksuka ykxii gA
- (d) Neither I nor II follows / I ; k II dkbz ykxii ugha gA

29. 'Suma is shorter than 'Uma'. 'Neha is taller than 'Suma', 'Sudha' is taller than 'Uma' but shorter than 'Hema'. 'Uma' is taller than 'Neha'. Who is the tallest among them?

l ek mek l s Nkhv gs ugk l ek l s ych gs l ek mek l s ych gs yfdu gek l s Nkhv gs mek ugk l s ych gA muea l cl s ych dksu gA

- (a) Hema/gek
- (b) Uma/mek
- (c) Sudha/l q/k
- (d) Neha/ugk

30. If PAPER is written as 'OZOOQ' how 'PENCIL' can be written in the code?

- (a) QFODJM
- (b) OFOBHM
- (c) ODMDTM
- (d) ODMBHK
- (e) None

31. In a certain code "INSTITUTION" is written as NOITUTITSNI, How is PERFECTION written in that code?

- (a) NOICTEFREP
- (b) NOITCEFERP
- (c) NOITCEFRPE
- (d) NOITCEFREP
- (e) NOITCEFPER

Directions (32): In alphabet series, some alphabets are missing which are given in that order as one of the alternative below it. Choose the correct alternative.

32. abc _ ea _ dd _ bcc _

- (a) bbbb
- (b) abbbb
- (c) dcbbb
- (d) Can't be determined
- (e) None

Direction (33): If '+' is 'x', '-' is '+', 'x' is '-' and '÷' is '-', then answer the following questions based on this information.

33. $6 + 7 \times 3 - 8 \div 20 = ?$

- (a) -3
- (b) 7
- (c) 2
- (d) 1

34. X and Y are brothers. R is the father of Y. T is the sister of S who is maternal uncle of X. How is related to R ?

X vks Y Hkkbz gA R, Y dk fi rk gs T, S dh cgu gA S, X dk ekek gA T dk R l s D; k l ca/ gA

- (a) Mother / ekrk
- (b) Wife / i Ruh
- (c) Sister / cgu
- (d) Brother / Hkkbz

35. Introducing a woman, a man said "Her mother is the only daughter of my mother-in-law." How is the man related to the woman?

, d efgyk dk ifjp; nrs gq , d iq "k us dgk fd] ^ml dh ekrk ejh l kl dh , d ek-k i qh gA** i q "k dk efgyk ds l kfk D; k l ca/ gA

- (a) Son / i qk
- (b) Brother / Hkkbz
- (c) Husband / i fr
- (d) Father / fi rk

36. Which figures represents the relation among animals, vegetables and potatoes?

fodYi ka ea nh gpz dks&l h vkdfir i 'kpvk] l fct; ka vksj vkyw ds chp ds l aca/ dks n'kkrh gS



Direction: In the following question find the odd word from the given alternatives.

uhps fn, x; s fodYi ka ea l s fo"ke 'kCn dk p; u dhft, %

37. (a) Sky- Stars / vkdk' k&rkjs (b) Moon-Planets / pln&xg
 (c) Stadium-Players / LVfM; e&f[kykmh (d) University-Students / fo' ofo |ky; &fo |kfkz

38. A man starts from his office and goes 5 km East. Then, he turns to the left and again walks for 3km. Again he turns left and walks 5 km. At what distance is he from the starting point?

, d vkneh vi us dk; ky; l s pyk vksj 5 fdeh- i nZ dh vksj x; ka fi Oj og ck, i ?kek vksj 3 fdeh pyka fi Oj og nkckjk ck, i ?kek vksj 5 fdeh pyka og vkj fEHkd fcng l s fdruh nj gS

- (a) 3 km (b) 4 km (c) 6 km (d) 7 km

Directions: Read the following information carefully and then answer the question given below it:

Urban services have not expanded fast enough to cope with urban expansion. Low investment allocations have tended to be under spent. Both public (e.g. water and sewage) and private (e.g. low income area housing) infrastructure quality has declined. The impact of the environment in which children live and the supporting services available to them when they fall ill, seems clear. The decline in average food availability and the rise in absolute poverty. Point in the same unsatisfactory directions.

'kgjh {k&ka ds foLrkj ds fgl kc l s 'kgjh l okvka dk foLrkj ugha gvsk gA l koZfud {k& (ty , oa ey) , oa futh {k& (de vk; , oa vkokl) nkuka ea voj l j pukvka ds fgl kc l s de fofu: kx forj. k dks j [kk x; k gA bl dk i Hkko l ekftd i fjosk ea cPpka ds thou Lrj ij , oa chekjh ds : i ea Li "V fn [k jgk gA [kk]ku dh mi yC/rk] fu/Lrk , oa xjhch dh fLFkfr dks ns[krs gq vl arsk'k i Sk gsrk gA

39. There is nothing to boast about urban services.

- (a) If the conclusion is definitely true
 (b) If the conclusion is probably true
 (c) If the data given in the passage is inadequate to answer.
 (d) If conclusion is probably false
 (e) If conclusion is definitely false

Directions: In each of the following problem, there is one question and three statements I, II and III given below the questions. You have to decide whether the data given in the statements is sufficient to answer the question. Read all the statements carefully and find which of the statements is/are sufficient to answer the given question. Choose the correct alternatives in each question.

funZ k% uhps fn, x, l eL; kvka ea , d iZu , oa muds rhu dFku fn; s x, gA vki dks dFkuka dh {kerk ds vk/kj ij iZuka ds mUkj ppuus gA fn; s x, dFkuka dks e; kui nZd i <a, oa mi ; Dr l {ke fodYi dks ppuj mUkj n%

40. Five persons: A, B, C, D and E are sitting in a row. Who is sitting in the middle?

i kp 0; fDr A, B, C, D vksj E , d i fDr ea cBs gA chp ea dks cBs gA

Statements: dFku%

- I. B is between E and C / B, E vksj C ds chp ea gA
 II. B is the right of E / B, E ds nk; a gA
 III. D is between A and E / D, A vksj E ds chp ea gA

- (a) Only I and II (b) Only II and III (c) Only I and III (d) All I, II and III
 (e) None of these

Directions: Read the following information carefully to answer the question that follow :

funZ k% fn; s x, l pukvka dks e; kui nZd i <dj iZu dk mUkj n%

Nine professors-G H I J K L M N and O are to appear on a series of three panels. Each panel will consist of three professors and each professor will appear exactly once. The panel must be arranged according to the following conditions:

uks i ki Od j G H I J K L M N vksj O rhu i sry ds Jafkyk ea mi fLFr gA i R; d i sry ea rhu i ki Od j gS vksj os , d gha ckj i dV gksr gA i sry uhps fn, x, fLFkfr ds vuq kj Dec¼ fd; s x, gA

- (a) I and N must be on the same panel/ I vks N l eku i sy ea gð
- (b) K and L must be on the same panel/ K vks L l eku i sy ea gð
- (c) O and J cannot be on the same panel/ O vks J l eku i sy ea ugha gð
- (d) M must appear on the second panel/ M nil js i sy ea mi fLFkr gð
- (e) Either J or M or both must appear on the panel with it./ ; k J ; k M ; k nkska i sy ea mi fLFkr gð

41. If J and K appear on the 3rd panel, which of the following process must appear on 2nd?

; fn J vks K rhl js i sy ea mi fLFkr gð rks fn, x, i fØ; k ds vuð kj uhps l s dks nil js i sy ea mi fLFkr gð

- (a) G
- (b) H
- (c) I
- (d) L
- (e) O

Directions (42-43): Arrange the following words in a meaningful order:

fn, x, 'kCnka dks vFkã w kZ Øe ea O; ofLFkr djã

42. 1. Rainbow 2. Rain 3. Sun 4. Happy 5. Child

- (a) 2, 1, 4, 3, 5
- (b) 2, 3, 1, 5, 4
- (c) 4, 2, 3, 5, 1
- (d) 4, 5, 1, 2, 3
- (e) None of these

43. 1. Table 2. Tree 3. Wood 4. Seed 5. Plant

- (a) 4, 5, 3, 2, 1
- (b) 4, 5, 2, 3, 1
- (c) 1, 3, 2, 4, 5
- (d) 1, 2, 3, 4, 5
- (e) None of these

Directions : Read the following question carefully. Your answer will be one word that does not belong in the same classification as the others.

funð k% fn, x, i z u dks è; kui nð i <ã fn, x, oxhbj.k ea fotkrh; dks ppa

44. Get odd man out.

- (a) Ink
- (b) Pen
- (c) Pencil
- (d) Brush
- (e) Chalk stick

Find the missing number :

fuEu Js kh ea yðr l a; k Kkr dhft, \

45. 1438, 1429, 1417, 1402, ?

- (a) 1378
- (b) 1384
- (c) 1387
- (d) 1392

46. With which of the following amines chloroform gives carbilamine reaction

Dykj ki ðkæz fdl , eh u ds l a kstu ea i fo"V gkrk gð fd , eh u dkficy eh u vfHkfØ; k nus yxð

- (a) Primary / i kFkfed
- (b) Any type / fdl h Hkh i dkj dk
- (c) Tertiary / rrh; d
- (d) Secondary / f}rh; d

47. Glycol tastes-

Xykbdky dk Lokn gkrk gð

- (a) Sweet / ehBk
- (b) Flat / ÝyV
- (c) Sour / [kVvk
- (d) Salty / uedhu

48. Glycol gives on oxidation-

vKDI hdj.k i j Xykbdky nrk gð

- (a) Oxalic acid / vKDI fyd vEy
- (b) Glycolic acid / xykbdkfyd vEy
- (c) Glyoxal / xykbvKDI y
- (d) All these / mi jkDr l Hkh

49. The molecular formula of a compound is C_3H_6O . It may be:

, d ; kfxd ftl dk vkf. od l # C_3H_6O gð gks l drk gð

- (a) an unsaturated alcohol / , d vol kn , Ýdkgy
- (b) an aldehyde / , d , fYMgkbM
- (c) a ketone / , d dhVku
- (d) All these / mi ; ðr l Hkh

50. Fehling solution can be used to test:

i ðgyx foy; u i jh{k.k fuEufyf[kr ds fy, mi ; ðr gks l drk gð

- (a) Aldehyde / fYMgkbM
- (b) Acid / vEy
- (c) Alcohol / , Ýdkgy
- (d) Ether / bFkj

51. The increased amount of lactic acid decomposes the milk of:

yðDVd vEy dh ek-kk c<us i j [kVvk (i ðkM) nrh gð

- (a) Buffalo milk / Hkð ds nV dks
- (b) Human milk / ekuo nV dks
- (c) Cow milk / xk; ds nV dks
- (d) All these / mi ; ðr l Hkh

52. **Fats and oils are not soluble in/ ol k vkg rsy ugha ?knyrs g&**
 (a) Benzene/cathu ea (b) Chloroform/Dykjki ONBZ ea (c) Either / bFkj ea (d) Water /ty ea
53. **The commonly used catalyst in hydrogenation of oil is:**
 rsyka ds gkbMkst uhdj . k ea l okf /d l kekl; i pfy r mri gj d g&
- (a) Tungsten/V&LVU (b) Iron/ykfg (c) Cobalt / dkcYV (d) Nickel /fudy
54. **The chemical formula of laughing gas is/ gjl kus okyh (ykfi 0&) x& dk jkl k; fud uke g&**
 (a) N_2O_3 (b) NO_2 (c) N_2O (d) NO
55. **Which of the following is used as fertilizer?**
 fuEufyf [kr ea l s dksu , d mojd ds : i ea iz kx fd; k tkrk g&
- (a) NH_4NO_3 (b) NH_4OH (c) NH_4Cl (d) NH_4SO_4
56. **A stone is dropped from the top of a tower. In the last second of the journey it travels 24.5 metres. Find the height of the tower?**
 , d i RFkj ehuj ds f'k [kj l s fxjk; k tkrk g& og vi uh ; k&k ds vflre l ds M ea 24.5 ehVj pyrk g& rks ehuj dh &pkbz gkxh
- (a) 78.4 m (b) 72 m (c) 44.1 m (d) 49 m
57. **A particle is moving in a circle with uniform speed. Itsis constant.**
 , d d . k , dl eku xfr l s , d o&k ea xfr' khy g& ml dh&ml dk ----- v&j gkxh@gkxkA
- (a) Kinetic Energy/xfrt &tkl (b) Displacement/fOLFki u
 (c) Velocity/ OX (d) Acceleration/koj . k
58. **The freezer in a refrigerator is fitted near the top-**
 jf&tj&jj ea &tj dks f'k [kj ds i kl ea yxk; k tkrk g&
- (a) To keep it away from the hot compressor wiht is near the bottom./ bl s rlr l a hfM& l s nij j [kus ds fy,] tks fd ry ds i kl gkrk g&
 (b) Because of convenience/l fo/k ds dkj . k
 (c) So that it can cool the whole interior by setting up convection currents/ bl fy, fd ; g l ogu&/kj k, j 0; ofLFkr djds l Ei r iz vkrfjd Hkkx dks B. Mk dj l dA
 (d) All the above/mi ; Dr l Hkh l R; g&
59. **Siphon will fall to work if-**
 l kbi 0u vi us dk; z ea vl i 0y gkxk] ; fn&
- (a) the densities of the liquid in the two vessels are equal/ nkuka okfgdkvka ea rjy dk ?kuRo l eku g&
 (b) The level of the liquid in the two vessels are at the same height/nkuka okfgdkvka ea rjy dk l rj l eku &pkbz ij gkA
 (c) Both the limbs are of unequal length/ bl ds nkuka v& vl eku yEckbz ds gka
 (d) The temperature of the liquids in the two vessels are the same/nkuka okfgdkvka ea rjyka dk rki eku l eku gkA
60. **A red object, when seen through a thick blue glass, appears-**
 , d yky olrq dks tc ekvs uhys dkjp l s ns [kk tkrk g& rks og fn [kkbz nsxk&
- (a) Red/yky (b) Blue/uhyk (c) Green/ gjk (d) Black/dkyk
61. **The principle underlying a microwave oven is:**
 , d l i e rj& vou dk dk; zdkjh fl 1/4klr g&
- (a) Microwaves vibrate the water molecules in food thereby generating heat/ l i e rj&s [kk] ea ty ds v . kq/ka dks dfeir djrh g& ftl ds }kjk m"ek mri 0u gkrh g&
 (b) heat generation by nuclear power/ukfHkdh; ' k fDr }kjk m"ek dks mri 0u djrk g&
 (c) heat of microwaves is same as heat wave/ l i e rj&ka dh m"ek] m"ek rj&ka ds l eku gkrh g&
 (d) All the above /mi ; Dr l Hkh l R; g&
62. **The swing of a spinning cricket ball in the air can be explained on the basis of-**
 ok; q ea i p0 . k f0d&v ckly ds inky (fLox) dks fd l v&/kj ij Li "V fd; k tk l drk g&

- (a) Sudden change in wind direction/ i ou fn' kk ea vkdflEd i fjonu
 (b) buoyancy of air/ok; q dh mRlykodrk
 (c) Turbulence caused by wind/ i ou ds dkj. k i zkkk
 (d) Bernoulli's theorem/cukyh i es
- 63. Heart attack is caused due to the excess of in the body.**
 'kjhj ea ----- dh vf/drk l s gn; k?kkr gkrk g&
 (a) Blood Urea/CyM ; fj; k (b) Cholesterol/dkM/LVnk/
 (c) Blood Protein/CyM i k/hu (d) Blood Sugar/CyM l xj
- 64. Which gas is produced in Gobar Gas plant?**
 xkcj xj lykV ea dksu l k xj mRi lu gkrk g&
 (a) Carbon Monoxide/dkcu ekukDI kbM (b) Oxygen/vkDI hitu
 (c) Methane/ fefku (d) Ammonia/vkfu; k
- 65. Normal human blood is-**
 l kekl; ekuo dk [kuu gkrk g&
 (a) Neutral/LFkrd (b) Slightly acidic/gYdk vEyh;
 (c) Variable in its acidity or alkalinity/vEyh; ; k vYduh; (d) Slightly Alkaline/gYdk vYdkbu
- 66. Yonex French open 2017 Badminton tournament was held in Paris. In Men's Singles category, who was the runner up?**
 ; kuDI Up vki u cMfeV u VrkkeV 2017 dk vk; kstu i fj l ea gvkj i q "k , dy Js kh ds fotrk dksu Fks
 (a) Kenta Nishimoto (b) John Smith (c) Sachin Tendulkar (d) None of these
- 67. Hosts India finished at what ranking overall at the ISSF World Cup 2017, in New Delhi?**
 vkbZ, l -, l -, i 0- oYmZ di 2017] fnYyh ea Hkkjr dks dksu l k Js kh feyk\<
 (a) Fourth (b) Seventh (c) Ninth (d) None of these
- 68. Name of Indian bowler who has climbed to the number one spot in the latest ICC 20 rankings.**
 gky ds vkbZ l h- l h- 20 ea Hkkjr ds dksu l s xncct ua , d Js kh ea vk, \<
 (a) Rahul Dravid (b) John Smith (c) Jasprit Bumrah (d) None of these
- 69. Name of the person who is stop the Forbes list of top-earning dead celebrities for the fifth straight year with \$75 million.**
 i dks l l i ph ds vuq kj fi Nys i kp o "k ea l cl s vf/d \$75 fefy; u dh dekbZ djus okys MM l syxfv/t dk uke crko\<
 (a) Michael Jackson (b) John Smith (c) Jasprit Bumrah (d) None of these
- 70. Rashtriya Ekta Diwas (National Unity Day) is celebrated across India on ____**
 jkVh; , drk fnol Hkkjr ds ckj ----- euk; k tkrk g&
 (a) 25 December (b) 31 October (c) 25 October (d) None of these
- 71. Tata Steel has elevated ____ as the Chief Executive Officer and Managing Director globally.**
 ----- vkvk LVhy ds eq; ; dk; Zdkjh vf/dkj h , oa i xcl/ funs kd ds : i pps x, A
 (a) Rastogi Mukul (b) T. V. Narendran (c) Heena Sindhu (d) None of these
- 72. Name the Railway Officer who was appointed private secretary to President Ram Nath Kovind?**
 jkVh fr jkeukFk dksfoln ds futh l fpo ds : i ea fd l jsyos i nkf/dkj h dks fu; qR fd; k x; k g&
 (a) Manish Goyal (b) Piyush Chararjee (c) Vikram Singh (d) None of these
- 73. The 210 metre high statue of which leader/warior has received environment clearance, making it the world's tallest statue, once built?**
 fo'o dk l cl s Apk efulk 210 ehVj i ; kbj. k LoPNrk ds l xdr ds : i fd l urk@; k/4k cukbZ xbZ g&
 (a) Chhatrapati Shivaji Maharaj (b) Mahatma Buddha (c) Mahatma Gandhi (d) None of these
- 74. A 45 member contingent of the Indian Air Force had left for Israel to participate in exercise named ____.**
 45 l nL; h; Hkkjr h; ok; q l suk vf/dkj h btjk; y ds l kfk l a qR ; q4kH; kl fd; s Fkj fd l uke l s tkuk tkrk g&

(a) White Flag-20

(b) Red Flag-17

(c) Blue Flag-17

(d) None of these

75. For which Indian State, Asian Infrastructure Investment Bank (AIIB) approved USD 2 million loan for projects across the state?

, f' k; u voj l j puk fofu; kx c&d (AIIB) us Hkkjr ds fd l j kT; dks j kT; l s ckj dke djus ds fy, 2 fefy; u vej dh Mkyj dh ½. k dh Lohdfrr nh g\$

(a) TamilNadu

(b) Andhra Pradesh

(c) Goya

(d) Bihar

www.studyplanet.net