

ENGLISH LANGUAGE AND COMPREHENSION

- In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
For old time's sake
(1) To consider the options
(2) Deliberately stop someone
(3) To be friends with an old person
(4) Because of sentimental memories of the past
- Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
A cloth merchant has been **stabbed in broader** daylight over a rupee.
(1) stab in broad
(2) No improvement
(3) stabs in broadly
(4) stabbed in broad
- Choose the sentence with no spelling error.
(1) Marinate your proteins ahead of time.
(2) Marinate your proteins ahead of time.
(3) Marinatte your proteins ahead of time.
(4) Marinate your protiens ahead of time.
- Fill in the blank with an appropriate option.
Have you ever wondered how this machine _____?
(1) deeds (2) clubs
(3) works (4) Brings
- Rearrange the parts of the sentence in correct order.
Flick through the
P. image gallery on your phone, or fast forward with little or no effort on your part
R. how the briefly presented images trigger memories
S. through a previously watched movie, and notice
(1) RSQP (2) PSRQ
(3) PQRS (4) PRSQ
- Choose the word that means the same as the given word.
Eccentric
(1) Familiar
(2) Garden
(3) Wanted
(4) Idiosyncratic
- Select the word that is opposite in meaning (ANTONYM) to the word given below.
Wane
(1) Intensify (2) Evanesce
(3) Diminish (4) Contract
- Choose the word that is opposite in meaning to the given word.
Delinquency
(1) Neglect (2) Fulfilment
(3) Tardiness (4) Default
- Choose the incorrectly spelt word.
(1) Wropes (2) Delible
(3) Convince (4) Rubber
- Rearrange the parts of the sentence in correct order.
P. relatively warm temperatures and retreating glaciers after the initial development of glacial conditions, the Earth
R. system alternated between two modes, one of cold
S. temperatures and growing glaciers and the other of
(1) QPRS (2) SQRP
(3) PSQR (4) QRSP
- Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The young learners were divided on groups, according to their abilities.
(1) No error
(2) divided on groups,
(3) The young learners were
(4) according to their abilities.
- Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. In case no improvement is needed, select 'No improvement'.
The councillor (said that, "We plan to make the state a safer place for) everyone."
(1) said, "We plan to make the state a safest place for
(2) said, "We plan to make the state a safer place for
(3) No improvement
(4) said that, "We are planning to make the state a safe place for
- Select the correct passive form of the given sentence.
Megha sends letters.
(1) Letters is sent by Megha.
(2) Letters are being sent by Megha.
(3) Letters were sent by Megha.
(4) Letters are sent by Megha.
- In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Dead ringer
(1) Game of race
(2) In writing
(3) Detailed information
(4) An exact duplicate
- Fill in the blank with an appropriate option.
In some places, roads were still unfinished, as were several areas where football fans are expected to _____.
(1) congregate (2) unravel
(3) dissolve (4) Clump
- Some parts of a paragraph have been jumbled up, and labelled A, B, C and D. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct paragraph.
I clenched my jaw in glee.

- A. I shook my companions awake.
 B. But it was not a time for calmness.
 C. When they saw my face, they feared I'd gone mad.
 D. I knew what I must do. I told them my plan.
 (1) CBDA (2) BADC
 (3) DACB (4) BCDA

17. Select the correct indirect form of the given sentence.

The surgeon says, "You should get anaesthesia for the surgery."

- (1) The surgeon says you should get anaesthesia for the surgery.
 (2) The surgeon said that I shall get anaesthesia for the surgery.
 (3) The surgeon says that I should have got anaesthesia for the surgery.
 (4) The surgeon says that I should get anaesthesia for the surgery.

18. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.

I waited with (some exciting) to view my sudden-found sister.

- (1) more excited
 (2) some excitement
 (3) No correction required
 (4) some what excited

19. Select the word that is opposite in meaning (ANTONYM) to the word given below

Relentless

- (1) Constant (2) Persistent
 (3) Intermittent (4) Unabating

20. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

When she feels low, she writes very careful.

- (1) When she feels
 (2) No error
 (3) low, she writes
 (4) very careful

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct word for the given

blank out of the four alternatives.

Tons of fruits and vegetables are produced, processed, and (1) _____ on a daily basis so that we can buy them fresh. Many of these pieces of produce, however, never make it into stores. This is because many fruits and vegetables such as apricots, mushrooms, lettuce, and pears (2) _____ brown or spoil over time. This reaction is also (3) _____ enzymatic browning and is one of the largest causes of (4) _____ in fruits and vegetables - even though it does not make the food harmful to eat. The name enzymatic browning comes from the (5) _____ that an enzyme within the fruit turns the fruit brown.

21. Select the most appropriate option to fill in blank number

- (1) dusted (2) Slipped
 (3) clipped (4) Shipped

22. Select the most appropriate option to fill in blank number

- (1) serve (2) abide
 (3) bend (4) Turn

23. Select the most appropriate option to fill in blank number

- (1) passed (2) called
 (3) become (4) Saying

24. Select the most appropriate option to fill in blank number

- (1) corruption (2) spoilage
 (3) ablaze (4) Kindle

25. Select the most appropriate option to fill in blank number

- (1) craze (2) shape
 (3) facade (4) fact

GENERAL INTELLIGENCE & REASONING

1. Select the option in which the numbers share the same relationship in set as that shared by the numbers in the given sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

ml fodYi dk p; u djaftl ea l d; k; j
 l v ea ogh l a; l k>k djrh g8 tks fn,
 x, l v ka ea l d; k v ka } kj k l k>k fd; k tkrk
 g8 (e; ku n8 l d; k v ka dks muds ?W/d
 v a l ka ea foHkfr fd, fcukj i w l z l d; k v ka
 ij l d; k; j dh tkuh plfg, A mnkgj. k 13
 & 13 ij l d; k; j t s 13 ea
 t k l u k @ k v k u k @ q k k djuk vkfn fu" i k fr dh
 tk l drh g8 13 dks 1 v s 3 ea foHkfr
 djuk v s fi Oj 1 v s 3 ij xf. krh;
 l d; k; j djus dh vu e fr ugha g)

- (7, 559, 6)
 (8, 637, 5)
 (1) (9, 1241, 8)
 (2) (8, 755, 7)
 (3) (10, 1729, 8)
 (4) (11, 1115, 6).

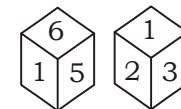
2. Arrange the given words in the sequence in which they occur in the dictionary.

fn, x, 'kcnka dks 'kcn dks k ea vkus okys
 Oe ea 0; ofLFkr dj

1. Heal
 2. Head
 3. Health
 4. Heap
 5. Heat
 (1) 1,4,2,5,3 (2) 1,4,2,3,5
 (3) 2,1,3,5,4 (4) 2,1,3,4,5

3. Two positions of a dice are given below. What will come on the face opposite to the face containing '5' on it?

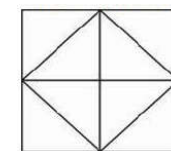
, d i k l s dh nls fLFkr; k; uhps nh xbz g8
 ml ij '5' okys pgjs ds foi jhr pgjs ij
 D; k vk, xk\



- (1) 2 (2) 1
 (3) 6 (4) 3

4. Find the total number of triangles in the given figure.

nh xbz vk n fr ea f-Hkfr dh dty l d; k
 Kkr dhft, A



- (1) 9 (2) 13
 (3) 11 (4) 12

5. In a certain code language, 'HAWK' is coded as '8256', 'INKS' is coded as '5497', 'GUNK' is coded as '1935', 'HSGA' is coded as '4326'. What can be the code for 'GKA' in that code language?

, d fuf' pr dkm Hk'k e' 'HAWK' dks '8256' 'INKS' dks '5497' 'GUNK' dks '1935' 'HSGA' dks '4326' ds : i eadkMr fd; k x; k gā ml dW Hk'k ea 'GKA' dsfy, D; k dW gls l drk gS
 (1) 456 (2) 356
 (3) 859 (4) 357

6. Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

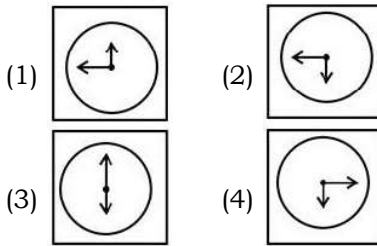
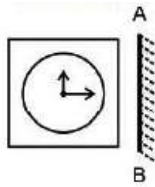
ml fodYi dk p; u dja ftl ea l ā; k, j l v' ea ogh l ā; l k> k djrh gā tks fn, x, l v' ea l ā; kvla }kjk l k> k fd; k tkrk gā (ē; ku nā l ā; kvla dks muds ?) vāla eafokMrtr fd, fcukj i wā l ā; kvla ij l ā; k, j; dh tkuh plfg, A mnkj. k 13 & 13 ij l ā; k, j; t s s 13 ea tkMuk@kvkukxqk djuk vkn fu"i knr dh tk l drh gā 13 dks 1 vā 3 eafokMrtr djuk vā fi ōj 1 vā 3 ij xf. krh; l ā; k, j; d jus dh vuēfr ugha gS
 (6, 121, 17)
 (38, 576, 14)
 (1) (9, 81, 18) (2) (9, 77, 8)
 (3) (4, 81, 7) (4) (29, 4, 58)

7. In the following question, select the missing number from the given series.

fuEufyf•r ç'u e' nh xbz Jā yk l sy' r l ā; k dk p; u dja
 153, 202, 251, 300, ?, 398
 (1) 351 (2) 350
 (3) 348 (4) 349

8. Select the correct mirror image of the given figure when the mirror is placed to its right side.

nh xbz vkNfr dh l gh nizk Nfo dk p; u dja tc nizk dks ml ds nkbā vā j•k tkrk gā

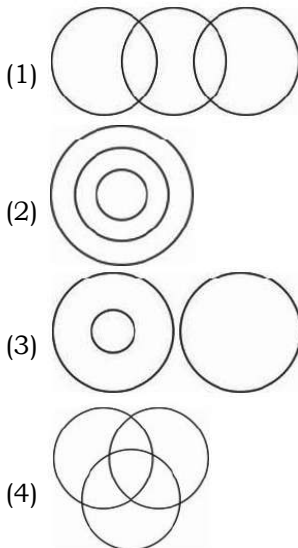


9. If $7 F 6 F 1 = 176$ and $8 F 2 F 4 = 482$, then $3 F 1 F 8 = ?$
 ; fn $7 F 6 F 1 = 176$ vā 8 F 2 F 4 = 482 rā 3 F 1 F 8 = ?
 (1) 381 (2) 318
 (3) 813 (4) 831

10. In the following question, select the odd word pair from the given alternatives.

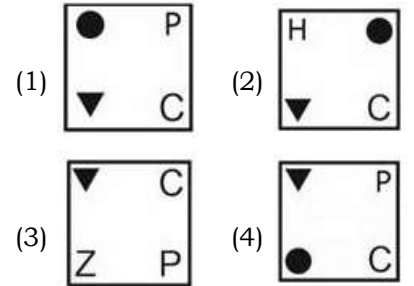
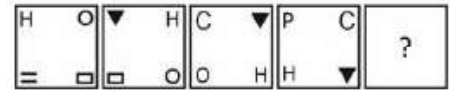
fuEufyf•r ç'u eafn, x, fodYi kaeal s fo"ke 'kcn ; ēe dks pfu, A
 (1) Nest - Bird / wā yk & pfm+k
 (2) Palace - King / egypt & jktk
 (3) Cottage - Peasant / dWij & fdl ku
 (4) Lion - Den / fl g & eln

11. Select the Venn diagram that best represents the relationship between the following classes. Mothers, Husbands and Males
 ml osu vā; dk p; u dja tks fuEufyf•r oxkedschp l ā; dk l cl svPNk çrfuf / Ro djrk gā ekrkvā i fr; k vā i ē"ka



12. Select the figure from the given options that can replace the question mark (?) in the following series.

fn, x, fodYi kaeal s ml vkNfr dk p; u dja tks fuEufyf•r Jā yk ea ç'u fpÉ (\) dks çfr l fkr r dj l drh gā



13. In the following question some statements are given, followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

fuEufyf•r ç'u eadN dFku fn, x, gā ftl ds ckn mu dFkula ds vk/kj ij dN fu"d"l fn, x, gā fn, x, dFkula dks l R; eluuk Hkys gh os l oKkr rF; k l s fHku çhr gā l Hh fu"d"l dks i < vā fi ōj r; dja fd fn, x, fu"d"l kaeal s l s dks l k fu"d"l rkd d : i l s fn, x, dFkula dk vu d j. k djrk gā

Statements: / dFku
 I. No P is / dkbz P ugha gS
 II. All Q are R. / l Hh Q] R gā
 Conclusions: / fu"d"l
 I. Some R are / dN R gā
 II. Some Q are P. / dN Q] P gā
 III. Some P are R. / dN P] R gā
 (1) All conclusion follows / l Hh fu"d"l vu d j. k djrs gā
 (2) Only conclusion I follows / dōy fu"d"l I vu d j. k djrk gS
 (3) Only conclusion II follows / dōy fu"d"l II vu d j. k djrk gS
 (4) Only conclusion III follows / dōy fu"d"l III vu d j. k djrk gS

14. In the following question, four number pairs are given. In each pair the number on left side of (-) is related to the number of the right side of (-) with some Logic/Rule /Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

fuEufyf • r ç' u eafn, x, fodYi ka ea l s
 dh l æ; k (&) ds nkbã vlg dh l æ; k l s
 dñ rdñu; e@ eã/ ds l æ; k l æ; r gã
 l eku rdñu; e@ eã/ ds vk/kj ij rhu
 tkmã l eku gã fn, x, fodYi ka ea l s
 fo"ke dls pñu, A

(è; ku nã l æ; k vka dls muds ?KVd vãka
 ea foHkftr fd, fcukj i wã l æ; k vka ij
 l æ; k, j dh tkuh pñg, A mnkj .k 13 &
 13 ij l æ; k, j t s 13 ea t wã l æ; k vka dls
 djuk vkn fu"i knr dh tk l drh gã 13
 dls 1 vlg 3 ea foHkftr djuk vlg fi Qj
 1 vlg 3 ij xf. krh; l æ; k, j djus dh
 vuæfr ugha g)

- (1) 81962457 - 75426918
- (2) 321645281 - 812546123
- (3) 715623 - 326517
- (4) 65428 - 82456

15. Pointing towards a photo of a lady, Navneet said, "She is the sister of my sister's mother". How that lady is related to Navneet?

, d efgyk dh rlohj dh vlg b' kjk djrs
 gq uouhr us dglj og ejh cgü dh eka
 dh cgü gã og efgyk uouhr l s fd l
 çdkj l æ; r gã

- (1) Mother/ekrk
- (2) Grandmother/nknh
- (3) Maternal aunt/ekñ h
- (4) Mother-in-law/l kl

16. Select the option that is related to the third term on the same basis as the second term is related to the first term.

ml fodYi dk p; u dja tksrl js in l s
 ml h vk/kj ij l æ; r gSftl vk/kj ij
 nñ jk in igys in l s l æ; r gã

Law of Motion : Issac Newton ::
 Theory of Relativity : ?
 xfr dk fu; e % bll kd U; wu % l ki çkrk
 dk fl ¼kr % \

- (1) James Chadwick/tÈl pMfod
- (2) John Dalton/tkñ MKYVu
- (3) J.J. Thomson/tsts Fkkñ l u
- (4) Albert Einstein/vYcVZ vkba Vhu

17. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

, d vuæe fn; k x; k gSftl ea , d in
 yr gã fn, x, fodYi ka ea l s og l gh
 fodYi pñu, tks Jã yk dls ijk dja
 RQMR, YVVC, FAEN, MFNY, ?

- (1) TKWJ
- (2) TKWO
- (3) TMQM
- (4) TMNO

18. Select the option in which the number-pair shares the same relationship as that is shared by the following number-pair.

ml fodYi dk p; u dja ftl ea l æ; k & ; ðe
 ogh l æ; k l > k djrk gS tks fuEufyf • r
 l æ; k & ; ðe } jk l > k fd; k x; k gã
 38 : 76

- (1) 41 : 81
- (2) 35 : 68
- (3) 23 : 45
- (4) 42 : 84

19. In the following question, select the odd letter/letters from the given alternatives.

fuEufyf • r ç' u eafn, x, fodYi ka ea l s
 fo"ke v {kj @ / {kj ka dls pñu, A

- (1) XAEJ
- (2) NQUZ
- (3) DGKP
- (4) GJNT

20. Words given on the left side of (::) are related with each other by some Logic/Rule /Relation.

Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.

Ohm : Electric Resistance :: ?
 (%) ds ck; ha vlg fn, x, 'kcn vki l ea
 fd l h rdñu; e@ eã/ l s l æ; r gkrs gã
 l eku rdñu; e@ eã/ ds vk/kj ij fn,
 x, fodYi ka ea l s (%) ds nkbã vlg yr
 'kcn @ kcn ; ðe dls pñu, A

Ohm : Electric Resistance :: ?

vkë % fo | ç çfrjks/

- (1) Power : Watt / i koj % okV
- (2) Volume : Litre / vk; ru % yhvj
- (3) Seconds : Time / l æ; m % l e;
- (4) Pascal : Current / i kl dy % djv

21. In the following question, select the related letters from the given alternatives.

fuEufyf • r ç' u eafn, x, fodYi ka ea l s
 l æ; r v {kj ka dls pñu, A

AN :: ER :: BO :: ?

- (1) GT
- (2) LM
- (3) XS
- (4) FS

22. Which two numbers (not digits) should be interchanged to make the given equation correct?

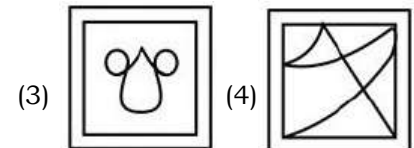
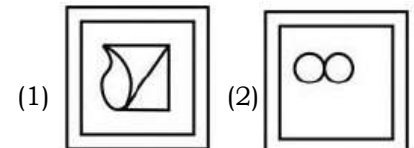
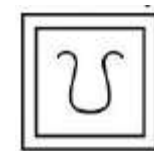
fn, x, l eh dj .k dls l gh djus ds fy,
 fdu nls l æ; k vka (vãka dls ugha) dls
 vki l ea cnyuk pñg, \

$$8 \times 6 + 12 \div 2 - 4 = 14$$

- (1) 8 and 6
- (2) 2 and 4
- (3) 2 and 6
- (4) 12 and 14

23. Select the option figure in which the given is embedded. (Roation is NOT allowed).

ml fodYi vkñfr dk p; u dja ftl ea
 fn; k x; k gã (jks 'ku dh vuæfr ugha
 g) A



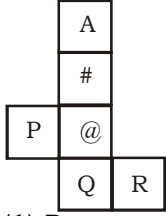
24. In a certain code language, 'CHEWER' is coded as 'HAJPK'. What is the code for 'HANDER' in that code language?

, d fuf' pr dñw Hk"kk ej 'CHEWER'
 dls 'HAJPK' ds : i ea dks Mr fd; k
 x; k gã ml dñw Hk"kk ea 'HANDER' ds
 fy, dñw D; k glsk \

- (1) MTSJWK
- (2) MTSWJK
- (3) MSTWJK
- (4) MNSWJK

25. A cube is made by folding the given sheet. In the cube so formed, which letter/symbol will be on the face opposite to the face showing 'Q'.

nh xbz 'WV dks eMEdj , d ?ku cuk; k tkrk gA bl çdkj cus?ku eA 'Q' n'kZus okys iQyd dsfoijhr iQyd ij dks&l k v{kj@plg glskA



- (1) P (2) #
(3) R (4) A

QUANTITATIVE APTITUDE

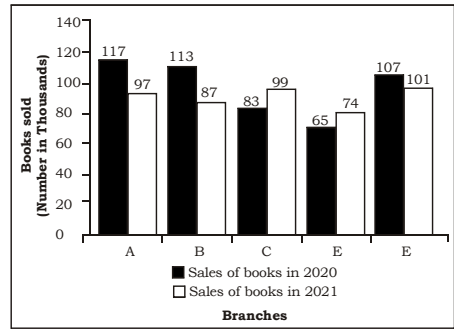
- If $\sin x = \cos 40^\circ \cdot \sin 50^\circ + \sin 40^\circ \cdot \cos 50^\circ$, then what is the value of x ?
; fn $\sin x = \cos 40^\circ \cdot \sin 50^\circ + \sin 40^\circ \cdot \cos 50^\circ$ dk eku D; k gS
(1) 45 degree (2) 90 degree
(3) 30 degree (4) 0 degree
- If $\tan 2A = \cot(46 - A)$, then what is the value of A ?
; fn $\tan 2A = \cot(46 - A)$ rks A dk eku D; k gS
(1) 2 degree (2) 16 degree
(3) 8 degree (4) 44 degree
- Two places B1 and B2 are 500 km apart from each other. Sonit and Robin start moving from B1 towards B2 at the same time. After reaching B2, they return back to B1. Speed of Sonit is 80 km/hr more than the Robin. If they meet after 6 hours, then which of the following statement(s) is/are correct?
nks LFku B1 vLj B2, d nh js l s 500 fdeh nj gA l kUr vLj jMcu, d gh le; eA B1 l s B2 dh vLj pyuk 'kq djrs gA B2 rd igpus dsckn] osoki l B1 ij ykV vkrs gA l kUr dh xfr jMcu l s 80 fdeh?k vk/d gA ; fn os 6 ?k/sckn feyrs gA rks fuEufyf•r eal s dks l k s dFku l gh gS gS
(1) Only I
(2) Both I and II
(3) Neither I nor II
(4) Only II
- Radius of a circle is 50 cm. Distance of a chord AB from the centre of this circle is 14 cm. What is the sum of chord AB and diameter of this circle?

, d oUk dh f-kT; k 50 l eh gA bl oUk ds dæ l s, d thok AB dh njh 14 l eh gA thok AB vLj bl oUk ds 0; kl dk ; kx D; k gS

- (1) 186 cm (2) 192 cm
(3) 188 cm (4) 196 cm

5. The following bar graph shows the sales of books (in thousand) from 5 different branches of a company in the years 2020 and 2021. What per cent of the average sales of branches A, B and C in 2020 is the average sales of branches C, D and E in 2021?

fuEufyf•r ckj xki 0 o'kZ 2020 vLj 2021 ea, d dæ uh dh 5 foFHku 'k•k vka l s iQrdka dh fcØh (gtkj eA) n'kZk gA 2020 ea 'k•k vka A] B vLj C dh vLj r fcØh dk fdruk çfr'kr vLj r fcØh gS 2021 ea 'k•k, j C] D vLj E\



- (1) 97.5% (2) 122.4%
(3) 87.53% (4) 110.6%

6. If $x^2 + \frac{1}{x^2} = 51$, then what is the value of $\frac{x^2 - 1}{x}$?

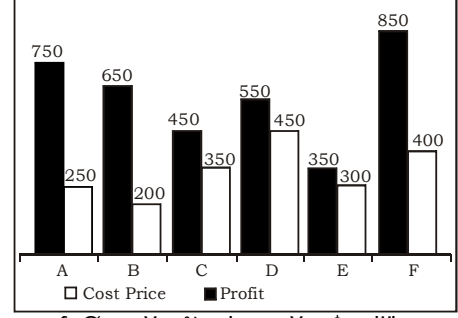
; fn $x^2 + \frac{1}{x^2} = 51$] rks $\frac{x^2 - 1}{x}$ dk eku D; k gS\
(1) 8 (2) 7
(3) 6 (4) 9

7. ΔPQR is a right-angled triangle. Angle $\angle PQR = 90^\circ$ and $QS \perp PR$. If $PQ = 6$ cm and $PS = 4$ cm, then find the length of QS .

ΔPQR , d ledsk f-kT; gA dksk $\angle PQR = 90^\circ$ vLj $QS \perp PR$; fn $PQ = 6$ l eh vLj $PS = 4$ l eh gS rks QS dh yckbz kkr dhft, A
(1) $2\sqrt{5}$ cm (2) 3 cm
(3) 6 cm (4) 5 cm

8. The bar graph given below shows the cost price and value of profit of 6 articles A, B, C, D, E and F.

Selling price = Cost price + Profit
uhps fn; k x; k nM vkys• 6 oLrQvka A, B, C, D, E vLj F dk ylxr eV; vLj ykHk dk eV; n'kZk gA



foØ; eV; ¼ ylxr eV; \$ ykHk
P1 = The difference between the total cost price and total profit.
P2 = The difference between the total cost price of A and B and the total selling price of E and F.

What is the value of $(P1 - P2)$?
P1 = dy ylxr eV; vLj dy ykHk ds chp dk varja
P2 = A vLj B ds dy ylxr eV; vLj E vLj F ds dy foØ; eV; ds chp dk varja
(P1 - P2) dk eku D; k gS
(1) 1650 (2) 1360
(3) 1150 (4) 1050

9. In triangle PQR, $\angle P$ is the largest and $\angle P = 80$ degree. If the ratio of the angle $4 : 3 : 2$, then what will be the smallest angle?

f-kT; PQR eA $\angle P$ l cl s cMk gS vLj $\angle P = 80$ fMxh gA ; fn dksk dk vuqkr 4 : 3 : 2 gS rks l cl s Nk/k dksk D; k gLsk\
(1) 40 degree (2) 30 degree
(3) 50 degree (4) 45 degree

10. A company sells Rs. 85,000 T.V. set for Rs. 68,000 as a world cup offer. What is the percentage discount offered by the company?

, d dEiuh 85000 #i; s okyh Vh-oh] fo'o di ds vMwQj ds : i ea 68000 #i; sescprh gA dEiuh }kjk fdrus i fr'kr dh nM nh xbz gS
(1) 35% (2) 20%
(3) 30% (4) 40%

11. If a number $2x64y$ is completely

divisible by 88, then what is the value of $6x-5y$?

fn dkh l d; k $2x+4y$ 88 l s iwlz% foHkT; g rls $6x-5y$ dk eku D; k gS
(1) -34 (2) -40
(3) 18 (4) 38

12. Simple interest on a sum for 5 years is equal to 20 percent of the principal. In how many years interest will be equal to the principal?

fdl h jk'k ij 5 o"lz dk l k/lj. k C; kt ey/u ds 20 cfr'kr dscjkj gS fdrus o"lkaeC; kt ey/u dscjkj gS tk, xk\
(1) 12 years (2) 20 years
(3) 25 years (4) 24 years

13. The ratio of number of boys and girls in a college is 3 : 2. If 40 boys leave the college and 40 girls join the college, then their ratio will become 2 : 3. What is the initial number of boys in the college?

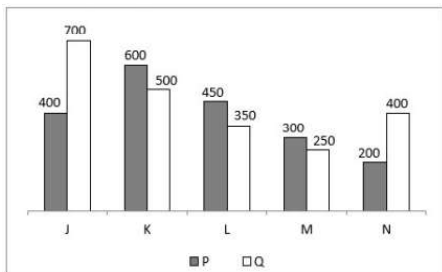
, d dnyst ea yMela vj yMfd; ka dh l d; k dk vuqkr $3\frac{1}{2}$ gS; fn 40 yMels dnyst Nk+nrs gS vj 40 yMfd; ka dnyst ea 'kfev gS tkrh gS rls muck vuqkr $2\frac{2}{3}$ gS tk, xk dnyst ea yMela dh ckj dkh l d; k D; k gS

(1) 120 (2) 150
(3) 225 (4) 75

14. The bar graph given below shows the population of two states P and Q in 5 years.

The population of P in year M and N together in how much percent less than the population of Q in year K and L together?

uhps fn; k x; k nM vlys 5 o"lkae nls jkT; ka P vj Q dh tul d; k n'kzk gS o"lM vj N eafeykdj P dh tul d; k; K vj L eafeykdj Q dh tul d; k l s fdrus cfr'kr de gS



(1) 70 percent
(2) 31.56 percent
(3) 90 percent
(4) 41.17 percent

15. What is the value of

$$\frac{(103^2 - 101^2)}{102}?$$

dk eku D; k gS\
(1) 8 (2) 2
(3) 4 (4) 16

16. Average of 17 consecutive natural numbers is 41. What is the smallest number among these numbers?

yxkrkj 17 ckNfrd l d; kvka dk vj r 41 gS bu l d; kvka ea l c l s Nk/h l d; k dkh l h gS

(1) 27 (2) 29
(3) 35 (4) 33

17. If A can complete $\frac{2}{3}$ of a work in 60 days, then A will complete $\frac{1}{5}$ of the same work in how many days?

fn A fdl h dk; l dk 2/3 Hkx 60 fnuka ea ijk dj l drk gS rls A ml h dk; l dk 1/5 Hkx fdrus fnuka ea ijk djsx\
(1) 18 days (2) 15 days
(3) 20 days (4) 12 days

18. There is a rectangular garden of 240 metres \times 80 metres. A path of width 4 meters is built outside the garden along its four sides. What is the area of the path?

240 ehVj \times 80 ehVj dk, d vk; rkdj cxhpk gS cxhps ds ckj pjka vj l s 4 ehVj pMk, d jkLrk cuk; k x; k gS iFk dk {kiki Dy D; k gS

(1) 2826 m² (2) 2542 m²
(3) 2916 m² (4) 2624 m²

19. Two of the angles of a scalene triangle are 40° and 62° . What is the measure of the third angle?

, d fo'keckgq f-Hkq ds nls dks k 40° vj 62° gS rhl js dks k dk eki D; k gS
(1) 102° (2) 78°
(3) 90° (4) 88°

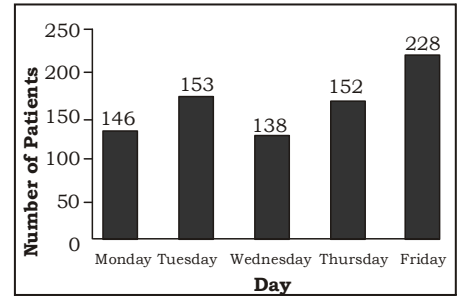
20. If $\tan 8x = \cot 2x$, where $0^\circ < 8x < 90^\circ$, then what is the value of $\tan 5x$?

fn $\tan 8x = \cot 2x$ tgk $0^\circ < 8x < 90^\circ$ gS rls $\tan 5x$ dk eku D; k gS

(1) 0 (2) $\frac{1}{\sqrt{3}}$
(3) $\sqrt{3}$ (4) 1

21. The bar graph shows the number of patients visiting the hospital on different days of the week. Calculate the ratio of total number of patients on Monday and Wednesday to Thursday.

ckj xki 0 l l rkg ds foHku fnuka eav l rky ea vkus okys jkx; ka dh l d; k n'kzk gS l kolk vj c'okj dk x'okj ds jkx; ka dh dty l d; k ds vuqkr dh x. kuk dja



(1) 28 : 17 (2) 82 : 79
(3) 71 : 38 (4) 81 : 52

22. Find the value of $p^3 - r^3$, if $p + r = 21$, and $pr = 38$

$p^3 - r^3$ dk eku Kkr dhft,] ; fn $p + r = 21$ vj $pr = 38$

(1) 6538 (2) 6113
(3) 6102 (4) 6851

23. Raj spends 10 percent of his money. He deposits 70 percent of the remaining money in the bank. If Rs. 2646 are remaining with him, then how much money he had initially.

jkt vius i s dk 10 cfr'kr p/ djrk gS og cpsgq i s dk 70 cfr'kr cbl ea tek djrk gS; fn ml ds ikl 2646 #; s 'kS gS rls ckj h eam l ds ikl fdrus /ujk'k Fkh\
(1) ₹9500 (2) ₹8500
(3) ₹8800 (4) ₹9800

24. An article was sold for Rs. 4270 at a loss of 50% of the cost price. Find the selling price of the article if it is sold for a profit of 40%.

, d oLrq 50% ds upl ku ij 4270 #; s ea cph x; h oLrq dk fo; eV; Kkr dja; fn bl s 40% ds yk h ij cpk tkrk gS

(1) ₹12857 (2) ₹13669
(3) ₹11788 (4) ₹11956

25. What is the total number of factors of the number 720 except 1 and the number itself?

1 vj Lo; a dh l d; k dks NkMvj l d; k 720 ds xqku [k. Mla dh dty l d; k D; k gS
(1) 29 (2) 27
(3) 32 (4) 28

GENERAL AWARENESS

1 From which country's constitution no feature has been taken in the constitution of India?

- Hkjr ds l fio/ku eafdl ns k ds l fio/ku dh dkbz fo' ksrk ugha yh xbz gS.
- (1) United States of America/l a tjk jkt; vefj dK
 (2) Britain/fc/vu
 (3) China/phu
 (4) France/Uld
2. Anant's mother advised him to not sleep under the trees at night as trees release _____ at night. vuur dh ek us ml s jkr ea i m/ha ds uhps ugha l kus dh l ykg nh D; kicd i m+jkr ea _____ NkMfS gS
 (1) Methane/ehFks
 (2) Carbon Dioxide/dkcu MbvVhV kbM
 (3) Nitrogen/ukbVktu
 (4) Oxygen/vkV l hitu
3. In which year was the Pitt's India Act passed?
 fiVt bM; k , DV fdl o"lz i kfr fd; k x; k Fk\
 (1) 1819 (2) 1901
 (3) 1857 (4) 1784
4. Which among the following issues are abolished by the Article 17 of the Indian constitution?
 Hkjr; l fio/ku ds vuqNsn 17 jkjk fuEufyf•r ea l s dks l se qka dks l ektr dj fn; k x; k gS.
 (1) Untouchability/vLi"; rk
 (2) Racism/tkfron
 (3) Slavery/xyleh
 (4) Colourism/jxokn
5. By which of the following process does a solid substance is directly converted into gas?
 fuEufyf•r ea l s fdl cfØ; k jkjk Bld i nkFkz l h/s xS ea ifjofrZ gS tkrk gS.
 (1) Deposition/teko
 (2) Sublimation/mPp kukusdh fØ; k
 (3) Vaporisation/OK"i hdj.k
 (4) Fusion/foy;
6. Sam wants to share his presentation with larger audience via emails. Which feature of MS PowerPoint 365 can he use for it?
 l e bÿy ds ek; e l s viuh çLrfr dks cMsn'kzka ds l kfk l k>k djuk plgrk gS bl dsfy, MS PowerPoint 365 dh fdl fo'ksrk dk mi; k dj l drk gS.
 (1) Save As/bl : i ea l gsta
 (2) Print/Nki uk
 (3) Share/çk/vuk
 (4) Info/tkudkj
7. Which of the following is not an important river of Malwa plateau?
 fuEufyf•r ea l s dks ekyok i Bkj dh egRo i wkz unh ugha gS.
 (1) Chambal river/pçy unh
 (2) Mahanadi river/egkunh unh
 (3) Ken river/dsu unh
 (4) Betwa river/crok unh
8. In India, trees of which forest type shed their leaves for about six to eight weeks in dry summer?
 Hkjr ea fdl ou çdkj ds i m+ 'kqd xh"edky ea yxHkx Ng l s vkB l l rkg rd viuh i fuk; k; fxjkr gS.
 (1) Tropical Deciduous Forests/m".kdfVca/h; i .k krh ou
 (2) Tropical Evergreen Forests/m".kdfVca/h; l nckgkj ou
 (3) Montane Forests/i oZh; ou
 (4) Tropical Thorn Forests and Scrubs/m".kdfVca/h; dkb/nkj ou vjg >kfM+ k
9. Sanchi stupa is located in which states?
 l kph dk Lrni fdu jkt; ka ea flFkr gS.
 (1) Maharashtra/egkj"v"
 (2) Bihar/fcgkj
 (3) Madhya Pradesh/eè; çns k
 (4) Gujarat/xqjkr
10. Which among the following has written the book 'The Pregnancy Bible'?
 fuEufyf•r ea l s fdl us'n çkud h ckbcy* i qrd fy•h gS.
 (1) Vidhya Balan/fo|k ckyu
 (2) Shilpa Shetty/f'kyik 'keth
 (3) Rani Mukherjee/jkuh ep tiz
 (4) Kareena Kapoor/djhuk dij
11. Who won the women's singles title at Wimbledon 2022?
 foçyMu 2022 eaefgyk , dy dk f•rk fdl us thrk\
 (1) Danielle Collins/Msu, y dMly/ll
 (2) Elena Rybakina/, sysk j; cfduK
 (3) Ons Jabeur/vkct cj
 (4) Ashleigh Barty/, 'kys ckViz
12. Who founded Trinamool Congress in 1998 and became its Chairperson, after separating from the Indian National Congress?
 1998 eafdl us'r.keny dkkd dh LFki uk dh vjg Hkjr; jk"vh; dkkd l s vyx gkdj bl ds vè; {k cuS
 (1) Jayaram Jayalalithaa/t; jke t; yfyrk
 (2) Kanimozhi/dfuels-h
 (3) Supriya Sule/l qç; k l gys
 (4) Mamata Banerjee/eerk cutiz
13. Which of the following pairs of "tournament - format" is correct?
 fuEufyf•r ea l s vukZè & çk: i dk dks l k ; k e l gh gS.
 I. Syed Mushtaq Ali Trophy - T20/l \$ n eqrkd vyh vM/h & v20
 II. Vijay Hazare Trophy - 50 overs/fot; gtkjs vM/h & 50 vkj
 (1) Only I/doy I
 (2) Neither I nor II/u rksI vjg u gh II
 (3) Only II/doy II
 (4) Both I and II/I vjg II nksuka
14. The National Payments Corporation of India was set up under the provisions of which Act?
 Hkjr; jk"vh; Hkqrku fuxe dh LFki uk fdl vf/fu; e ds çko/kuka ds rgr dh xbz Fk\
 (1) The SARFAESI Act, 2002/l ji Q h vf/fu; e] 2002
 (2) Payment and Settlement Systems Act, 2007/Hkqrku vjg fui Vku ç. kyh vf/fu; e] 2007
 (3) Government Securities Act, 2006/l jdkjh çfrHkir vf/fu; e] 2006
 (4) Companies Act, 2013/dä uh vf/fu; e] 2013
15. Which of the following statements is correct regarding the socialist society in the economy?
 vFk; oLFk ea l ektolnh l ekt ds l ca/ ea fuEufyf•r ea l s dks l k dFku l gh gS.
 I. The government decides what goods are to be produced./l jdkj r; djrh gSfd fdl

I leku dk mRi knu fd;k tkuk gñ

II. Distribution of goods under socialism is supposed to be based on what people need./ I ektokn ds vaxr olrpkadk forj.k ykxka dh vko'; drk ds vk/kj ij ekuk tkrk gñ

- (1) Only I/doy eñ
- (2) Neither I nor II/u rks eñ vñ u gh II
- (3) Both I and II/I vñ II nksuka
- (4) Only II/doy II

16. Natural language processing (NLP) is a branch of artificial intelligence that helps computers _____ human language.

uspjy ykxost çksl fl x (NLP) vkfVfiOf'k; y bvfytñ dh , d 'kk•k gñ tks dñ; Wj dks _____ ekuo Hk'k ea enn djrh gñ

I. understand/I e>rk

II. Interpret/0; k[; k

III. manipulate/pkykdh I s dke fudkyuk

- (1) I, II and III/I] II vñ III
- (2) only I and III/doy I vñ III
- (3) only I and II/doy I vñ II
- (4) only II and III/doy II vñ III

17. Which among the following teams was defeated in the Asia Cup Finals 2022?

, f'k; k di iOkbuy 2022 ea fuEufyf•r ea I s fdl Vhe dks gjk; k x; k Fk\

- (1) Pakistan/ikfdLrku
- (2) Sri Lanka/Jhyadk
- (3) Afghanistan/viOxfuLrku
- (4) India/Hkjr

18. Harnaaz Kaur Sandhu is an Indian model and beauty pageant titleholder who was crowned _____ 2021.

gjukt dñ I a'w, d Hkjr; ekmly vñ C; W; ist'v VbVygk'Wj gñ ftUga _____ 2021 dk rkt iguk; k x; k Fk

- (1) Miss Asia/fel , f'k; k
- (2) Miss World/fel oYMZ
- (3) Miss Universe/fel ; tuol l
- (4) Miss Teen Worldwide/fel Vhu

oYMZbkM

19. Which of the following statement is NOT correct?

fuEufyf•r ea I s dks I k dFku I gh ugha gñ

- (1) Mahendragiri is the highest peak in the Eastern Ghats./ egæxfj i whz ?kV dh I cl s Åph plsh gñ
- (2) The height of the Western Ghats progressively decreases from north to south./if'peh ?kV dh Åphbzmlkj I snf{k.k dh vñ mlkjiklj ?kVrh tkrh gñ
- (3) The Western Ghats cause orographic rain./if'peh ?kV i ozh; o"nz dk dkj.k curs gñ
- (4) The Eastern Ghats stretch from the Mahanadi Valley to the Nilgiris in the south./i whz ?kV egkunh ?kVh I snf{k.k eaufxjh rd iOyk gq/k gñ

20. India is the _____ producer of pulses and the _____ consumer of pulses.

Hkjr nkyakdk _____ mRi kno vñ nkyak dk _____ mi Hk'k gñ

- (1) second largest, second largest/nñ jk I cl s cMk; nñ jk I cl s cMk
- (2) largest, second largest/ I cl s cMk; nñ jk I cl s cMk
- (3) second largest, largest/nñ jk I cl s cMk; I cl s cMk
- (4) largest, largest/I cl s cMk; I cl s cMk

21. Which of the following is not a subgroup of plant kingdom?

fuEufyf•r ea I s dks I k ikni txr dk mil eg ugha gñ

- (1) Thallophyta/FI/si OkbV
- (2) Angiosperms/, fit; k; i eZ
- (3) Pteridophyta/VsjMsi OkbV
- (4) Hemichordata/gehdMsk

22. In India, National Statistics Day is celebrated on _____.

Hkjr eñ jk'Vh; I k[; dh fnoI _____ dks euk; k tkrk gñ

- (1) 22nd June/22 tu
- (2) 15th June/15 tu
- (3) 28th June/28 tu
- (4) 29th June/29 tu

23. The Bureau of Indian Standard is a statutory body working under the aegis of which union ministry?

Hkjr; ekud C; jks , d oYkud fudk; gStsfdl çeh; eakky; ds roko/ku ea dke djrk gñ

- (1) Ministry of Commerce and Industry/Ok. kT; vñ m | ks eakky;
- (2) Ministry of Micro, Small & Medium Enterprises/I [e] y?k vñ eè; e m | e eakky;
- (3) Ministry of Corporate Affairs/dkVjv ekeya dk eakky;
- (4) Ministry of Consumer Affairs, Food and Public Distribution/mi Hk'k ekey; • k | vñ I koZfud forj.k eakky;

24. Ruler of which dynasty built the famous Iron pillar in Delhi?

fnYyh ea çfl ¼ ykñ Lrñk dk fuekZk fdl odk ds 'kkl d us djok; k Fk \

- (1) Gupta/xqrk
- (2) Pallava/iYyo
- (3) Maurya/ekñ l
- (4) Pushyabhuti/i ð; Hñr

25. Which among the following festivals marks the birthday of a great Buddhist saint Jeans Tsongkhapa?

fuEufyf•r ea I s dks I k R; ksjkj , d egku çs¼ I r thul pl-ki k ds tlefnu dk çhd gñ

- (1) Sarhul/I jgy
- (2) Losar/ykñ j
- (3) Tusu/Vq q
- (4) Galdan Namchot/xynku ukeplv