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< -%a KIIT DU

„f<sub>π</sub>† ≠ ~ $\zeta$  & CZ • • ' " " • ^† • < — ~ 4 • 5, 2024

• • ,  $f$  • „ ... †  $\mathbb{Z}^{\text{TM}}$  ≠ %<sub>0</sub>  $\mathbb{A}''$  ≠ %<sub>00</sub>  $\mathbb{TM}$ , %<sub>00</sub> • • ...  $\mathbb{N}''$  ...  $\mathbb{Y}$  „ ... ' ,  $\mathbb{Y}$  ' ... , • " i<sub>5</sub> • ' ' ' -  $\neg$   $\text{TM}$  „ -  
• - %<sub>0</sub>:  $\mathbb{A}$ , %<sub>00</sub> •  $\mathbb{Y}$

• • „ $f$  • „...†¶,‰• ••• $\check{z}^{\text{TM}}$ ‡ „•‰...†À14¢ „¶,‰• -ž¢” ••,...‰<, • „ $\check{z}$ • ‡¶, -À™ „...• $\check{z}$  1, • „  
TM „—  
<—‰: • ‘ $\check{z}$ —Œ $f$  „

←%<sub>00</sub>:  $\hat{1}_{\text{..}} f \check{f} \check{L}'' \check{S}^{\text{TM}} \check{Y} \bullet \hat{1}_{\text{..}} 1_{\text{..}}$

$\leq -\%_0 \cdot 1 \bullet \leq \%_0$

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„f<sub>π</sub>† ± ~%ςε ΕŽ••''''•^†•6<—~, 2024



„f<sub>π</sub>† ≠ ~њњс Ењ••''''• ^† • 7 < —~, 2024

<--%o: ... a" ® - •

• • ,  $f$  • „ ... † • 1% Š ... †% • , 'C-130J ± ¥% 00 • % " " Žf † ' " " , • -  
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„f<sub>π</sub>† ≠ ~\\$α €ž••'”•^†•8<—~ 2024

• • „f • „...†™..• †, %, Á" E Y-, „jZ• ... •œ•, Y%œ Y%, „ZŠY2 1 „..., †..., Á, • (DRTPS:  
ZÍ †, œS% Z%œ™ Š1/2† > %3" , %, „ZŠY2 1 µ2%µ† †jE" „•) f, œZ™%œ••¢, f, „•™, Y•f,  
%, Á" 1 • œ", •—

• • „f • „...žTM‡‰, Á" ‡‰TM‰ • •œ¢, œÙ" ž¢¶, ø TM• TM...§, ž‰" Š TM• žf~ ' < ŽœÁž• Ÿ; Š§'

< —%00: TM • , § TM

<—%o: —UF— „...”

• • ,  $f$  • „ ... †  $\check{z}$ ™ † ... †  $\check{Y}$  ,  $f''$  • • ... , •  $\mathbb{C}$  ©  $\check{Y}$   $\check{S}$ ™  $\check{z}$ • 1 ,  $\mathbb{A}$  ¥  $\check{z}$ ™  $\mathbb{C}$  • • ™  $\check{z}$   $f$  ~ © ¥ • „ ¥ •  $f$  „ ... , • ™  
†  $\check{Y}$  ,  $f$  • ®  $\check{z}$   $\check{Y}$  „ , ( ~ †  $\mathbb{P}$  ¥ „ ) „ „ ™ „ • •

<—‰: œ€, œÙ” | %‰ ¥Ž‰¢, %‰ TMŒ” , ï ...ø, f”

„f<sub>π</sub>†‡^\$<Œž••'”•^†•9<—~, 2024



$f_{\pi} \dagger \pm \check{\otimes} \alpha \mathbb{E} \check{Z} \bullet \bullet' \bullet'' \bullet \wedge \dagger \bullet 10 < \dots, 2024$

- • ,  $f$  • „ ...†‡..., ^ %\\$ ...†-• , ☐" , •™, §, Ä „  $f$  ™† -• ...†žœÄ • •—  
 < —‰: ™µ" ,  
 • • ,  $f$  • „ ...†‡..., ^ %\\$ ...†-• , ☐" , ' ^ ™ ŠY<sup>TM</sup> • Ž‡œŠ... (CTS)' " " , •—  
 < —‰: ^ ™ ™ ¶·Ž• ™ E €, ☐...• ™ i %q<sup>TM</sup> ••} %‰ < ™ 1 „ , " Ž f" ŠY<sup>TM</sup> C ŽC ™ , < ¥" i ☐  
 ™‰• ™ „ ® ŽY" ,  
 • • ,  $f$  • „ ...†‡..., ^ %\\$ ...†-• , ☐" , Mpox (Ž „ †•... ŠY" † ™ • , ... †•¶„ „ , • , „ , •) Ž™†  
 %q ☐ „ • ™ ™ ™ , %‰ i • , •—  
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- $\tilde{z}^m \neq \tilde{z}^- \bullet \tilde{z}^m$ ;  $\tilde{A} \odot \tilde{Y} \%, \tilde{S} \tilde{S} \tilde{1}/2$   $\in \mathbb{C}^- \bullet \tilde{z}^m$ ,  $f \tilde{z}^m \neq \tilde{z}^- \bullet \tilde{A}^m \rightarrow \tilde{Y} \dots \tilde{z}^- \bullet \tilde{z}^m$   
 $\leftarrow \tilde{z}^- \bullet \tilde{z}^m \in \mathbb{C}^- \bullet \tilde{A}^m$
  - $\bullet, f \bullet \dots \tilde{z}^- \bullet \tilde{z}^m \tilde{z}^- \bullet \tilde{Y} \tilde{O}$ ,  $\bullet \tilde{Y} \tilde{Z} \bullet \tilde{P} f \tilde{Y} \tilde{Y}^m 2024 \dots \tilde{Y} \tilde{A}^2 \tilde{S}^m \bullet \tilde{P} f, \tilde{Y}^m / \tilde{S} \tilde{C} \tilde{L} f \bullet \tilde{A} \tilde{Y}$   
 $\in \mathbb{Y} \tilde{A}, \tilde{S} \tilde{C} \tilde{L} f \bullet \tilde{A} \tilde{Y}$
  - $\leftarrow \tilde{z}^- \bullet \tilde{z}^m \bullet \tilde{Y} \tilde{Z} \bullet \tilde{P} f \tilde{Y} \tilde{Y}^m 2024 \dots \tilde{Y} \tilde{A}^2 \tilde{S}^m \bullet \tilde{P} f, \tilde{Y}^m / \tilde{S} \tilde{C} \tilde{L} f \bullet \tilde{A} \tilde{Y}$

„f<sub>π</sub>† ± ~њα €ž••''''•^†•11•12<—~, 2024

- ©...• ≠•‰, ¢•, Ž, µ•\\$••, f • „...†¥Ž‰≠ Pfy™ 2024 ...†™, ¥" ¥-™ „, „, Ž™≠ • f ≠•  
≠¥¥À• •É  
<—‰: ™á• „  
• •, f • „...†Ž•¥ ...•, ≠, ☒‰...†¥, • „™• • „^•™ „ ≠¥‰^ •, P¥™i™. • ≠• „• •, ...Ž-~ ☐~-  
<—‰: © „ i™, ^¥|„3• | „™£¥••á  
• •, f • „...†Ž™• -•\\$ • -•Ž¥« „ ¢, " -≠•, ©¾", ≠ ' < „‰ „ Ž" • 2024' ...†¶, ☒ Žf", -  
<—‰: ¶ „‰• | „‰...fŽ „ „,  
• Ž™≠ ¶ „‰• „™i• •, f • „...†Ž•...|‰f™••™, ≠¢|§^ •, ☒Ž‰™ ' ☒ Ž™»f‰ Ū> - Ū Ū §  
¥‰œ™,‰ Ž...f, -  
<—‰: - Ū ¥ „ .....§  
• ™..• ≠, ...¥, f" •, f • „...†• 1%\\$ ...†‰••®À, • ...¥, E¢, ≠ " i „ •, -•‰, (PMAY-U) 2.0  
" i „ •, '™i f, ☒ Ž™‰••™ Žf~ • i Ū f Ž™, " •-  
<—‰: E¢, ≠ | „ „ •‰, .....f\\$™, ...¥, f"

„f<sub>π</sub>† ≠ ~Łas (EŁ••''''•^†•13<—~, 2024



„f<sub>π</sub>† ≠ ~њк€ Еž••' ' ""• ^† • 14 < —~, 2024

- • ,  $f$  • „ ... †  $\check{z}$  • „ ,  $\text{TM}$  ,  $\pm 1 \pm \text{•} \text{¥} \%$   $\text{‰}$  • ,  $\text{TM}$   $\text{f} \hat{f}$   $\text{‰} \check{z}$   $\text{TM}$   $\pm$   $\text{‐} \cdot$  ... † •  $j$  ,  $\text{¤}''$  , • •  
<  $\text{‐} \text{‰}$  : •  $\text{TM}$  „  $\S$   
• • ,  $f$  • „ ... †  $\text{TM}$  . •  $\pm$  ,  $\text{‰} \text{•} \text{A}''$   $\text{C}$  ,  $\text{o}$  ,  $\text{P}$   $\text{Y}$   $\text{M}$   $j$   $\pm \check{z}$   $\text{‐} \text{S} \text{‰}$  , •  $\text{¥} \text{‐} \text{TM}$  • •  $\text{‰}$  ,  $\text{‐} \text{•} \text{•} \text{TM}$   $\check{z} f \sim$   $\text{¥} \text{‐} \text{•} \text{‐} \text{•} \text{•} \text{C}$  ,  $f$  ,  $\text{‐} \cdot$   
 $\text{TM}$  ,  $\text{¥} \text{•} f$  ,  $\text{‰} \text{•} \text{A}''$   $\text{‐} \text{1}$  •  $\text{¤}''$  , • •  
<  $\text{‐} \text{‰}$  : ...  $\text{a}''$   $\text{‐} \text{‐} \cdot$   
• •  $\text{‰} \pm$  ,  $f$   $\check{z} \text{C} \text{‐} \text{C}$   $\text{‐} \text{‐} \text{‐}$  , •  $\check{z} \text{‐} \text{‐} \text{‐} \text{‐}$   $\text{‐} \text{‐} \text{‐} \text{‐}$   $\text{‐} \text{‐} \text{‐} \text{‐}$  ... • „ , „ , • , • •  
<  $\text{‐} \text{‰}$  : 13  $\text{‐} \text{‐} \text{‐} \text{‐}$

<--%a IIT ...-U#

• • ,  $f$  • „ ... †‡..., ^ %\\$ ... †-• , ☰" , • ♪Π-Ü 1, Ä ŽTM‡ %„Ä" ... †ŽœÄ• • -  
< —%„: TM • , § TM

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• • „f • „ ...†‡..., ^ % Š ...†-• „ ☒ ‘ Ž „ „ i ¥, % † „ „ i „ • , ™ , ® , Ā Ž „ „ ™ < ß Á „ „ „ „ , •

←—%00: ~<sup>TM</sup> ..., Ŧ Ÿ i<sup>1</sup>, " i... <sup>TM</sup> ¶,, •%00 ©‡Ÿ f •

• • „f • „...† DRDO । %o ¶, %o „" ‡o , ••œ€-• „ž•ž..§ ...• ¥; Šf ~ž„-šTM o, ſí ſí ž..‡, ſí f (MPATGM) TM, žTM‡ «œ ...†‡> f •, ¥žTM ¥%, «ž žTM" , ••

<—‰: ¥j•‰‡, %, œÄ, •

$\leftarrow \%_0 : \mathbb{P} \widehat{\mathbb{I}} \dots$ ,

• • „ $f$  • „... $\mathbb{Z}^{\text{TM}}$  ≠ ... $\mathbb{P}$ ,  $f''$  • • $\text{TM}$ † $\mathbb{W}$  „ $f$  ∈" i (CWC : central water commission) E‰,

ŽC™Ž‡• 'ÊfÍ Ç»^ ÍÝÍ " , 2.0 å¥' , %q, Ž™" , —

<—%00: „f” „l” • ... „f”

„f<sub>π</sub>† ≠ ~њњс ѕјž••''''•^†•17 < —~, 2024

• • ,  $f$  • „ ... †‡..., ^ % Š ... †-• , ☉" , ® % „ , ™ , " Š ... Ž™† ... † ,  $f$ " Ž‰, „ „ - Ž™" , ☉" , • •  
< - % „ Ž „ „ † , ... † ,  $f$ "

$\leftarrow \%_0 : \check{Z}^T M \neq, \cdot \check{S}^T, {}^T, {}^T, \check{S} \cdot, \cdot^T \check{Z} \check{C} \check{Y} \cdot, \vdash \check{W} \%_0 \check{Z} \cdot \check{P} \check{S} \cdot, {}^T M \dots {}^T M \%_0 \cdot,$

„f<sub>π</sub>† ≠ ~њк€ Еž••''''•^†•20<—~, 2024

- • , *f* • „ ...†‡..., ^ %§ ...†~• , ☉" , MUDA jš, *f*, Ž™‡ %, Á" ‡•‡ÝŽA• ••  
< —‰: TM • , §™  
• • , *f* • „ ...† ...• , %, ¼§1/‡‰™‰ • • Ž™‡ Ž „ *f*•...†¥•*f*, '‡ j f‰ Ž¢*f*• ' *f*»µ ^ Ž™" , —  
< —‰: ‡• ,‰  
• • , *f* • „ ...†• 1%§ ...†‰• , %‡ Á™•‰ Š, Ž ☉‰ Ž‰, ¢§™‡ %, Á" ...†ŽœÁ• ••  
< —‰: %, œÁ, •  
• • , *f* • „ ...†• 1%§ ...†‰• • %Ž¥† Ž • j¢• • ~Ý œŠ, ŠŠ©¥ ~ " ‡¥† • (RISE) ~ " ‡• f‰ Ž‰  
®; ŒJ.. ‡•™• • ‡„ ‡ŽÁ, Ž Ő „ ••  
< —‰: ©Š *f* Ž • j¢• • Ž...••  
• • , *f* • „ ...†Ž™‡ ©ä™ „ ~• ...†• „ , >•*f*••™ „ ‡Ž • , Ž „ *f* „ ••  
< —‰: ‡Ž , •

„f\_w† ± ~\\$α €Z••' ' ""• ^† : 21 < --~, 2024



- • ,  $f$  • „ ...†‡..., ^ %\\$ ...†~• , ☉", TM, TM%0¥, %0¥%0..., Č-æ, ☉š• • (KAPS) ŽTM‡ %0Á" ...†  
ŽœÁ• •—  
<—%0: ☉- %0•  
• • ,  $f$  • „ ...†‡..., ^ %\\$ ...† $\zeta$ Ef $\zeta$ • • ' ,  $f$ œ•¶' " " , •—  
<—%0: ¥, • TMœ¥%0•¢, Č %0ÁÁ TM, ~TM Ž. • , • Eœ•¶  
• • ,  $f$  • „ ...†‡..., ^ %\\$ ...†~• ☉~ ' ¥%0..., Č- ŽO" Š' ...†E ...• %0¥%0ŽTM• • E¢š TM, <¥" ; ☉ ŽTM" ,  
„ , • , •—  
<—%0: † „ ŽE" ...

„f<sub>π</sub>† ± ~šœ CEŽ••''''•^†•24<—~, 2024

## ✓, f, π, e, √, ∞, ∫, ∂, 25, 26 < —~, 2024

- , f •, ... $\int^{\text{TM}}$  ≠  $\int^{\text{TM}}$  •, •, ©, ¥, •, ¥, •, f, ¥, •, : ®, " i, " •,  $\int^{\text{TM}}$  %, Š, Ā, RHUMI 1 Å, f, »μ, ^  
 $\int^{\text{TM}}$ , —
- , —%: ¶, %, •
- , f •, ... $\int^{\text{TM}}$  ≠ ... $\int^{\text{TM}}$ , f" •, •, e, C, e, U" ≠ C, TM, i, 1, O, C, —, •, TM,  $\int^{\text{TM}}$  f ~ A, %, Š, 1/2,  $\int^{\text{TM}}$  E, ≠, %, Š, e, Š, %  
(NMR) ¥, Š, Š, Å, f, »μ, ^ $\int^{\text{TM}}$ , —
- , —%: e, C, e, U" 1 %, ¥, Š, %, TM, E, , , ... $\int^{\text{TM}}$ , f"
- , f, »μ, ^, TM, •, ¶, %, •, TM, " ¥, •, f, " ... $\int^{\text{TM}}$ , f, %, Š, 1/2, %, Š, f, ^, E, ¥" •, 1, •, ¥  
•, —%: 1, " •, ¥, ¥, i, f, •
- , e, —, f, 0, 0, 0, ... $\int^{\text{TM}}$  ≠ ©, ¥, Š, 0, 0, 0, ... $\int^{\text{TM}}$ , A, •, <, E, ≠, S, TM, i, Š, TM, %, •, TM,  $\int^{\text{TM}}$  f ~ 'Tanger-1  
•, ¥, Š, f, »μ, ^ $\int^{\text{TM}}$ , •, —

‡ j•‰®, Čf" Š™, ¥•, f¤, •, •  
• •, f•, ...‡™-U' ...Yf E‰, ©•..jL• 'BioE3 •, L•'™, ®, ĀL...™ < Bā" "", •-  
<-‰: < Ú^ ®-... Š, f•, Š L•..., Š™; 1O, C, -•,  
• •, f•, ...‡..., ^%Š ...‡L•, ' -••C, f•, 'LCE, • A‰, " j•, •, '™ ® 1A•™ Lf~™. •, ‡,  
LCE, • 1‰®, ŠjL¤™, LCE, •  
<-‰: LCE, • 1‰®, ŠjL¤™, LCE, •

**f•†‡^Šœ (Ež••' ' ""• ^† • 28 < —~, 2024**

• •, f•, ...‡™‡‰, A" ••¥•f•, 1‰, ©AŠ, Šf•, 1jC, I•, ®, Č, [semi wild bovine  
creature], L...A• (Bos frontalis)™; - Š™, •-  
<-‰: ©‡...  
• '©Y‰-17 LCE, ^EY" •L• ¥ 2024'™•, E" jL•, •™, Š, 'A,-  
<-‰: ©I..., •, Š, Š  
• •, f•, ...‡L™‡‰, A" ••1† Šfž, ^LCE, • 1μE, f~Y, ™, ®™, j¥‡L•, L™, •-  
<-‰: P L†, •-  
• •, f•, ...‡• 1%Š ...‡‰••μ" ČY", LfŠ‰‡, ®j¤U.. (NILP)'™, ®, ĀL...™ < Bā" "", •-  
<-‰: 15 C2Š‰ <‡•©LÄ™ E" -™•L•‰‰%Š™ 1, ^‡, <%•, ™, 1O, C, -•••‡‰, A" Š  
I‰™-U', L‡•, ®-• Š™, ‡...AŠ™‰•,  
• •, f•, ...‡L™‡‰, A" ‡‰™‰••A...N" ...Y, ‡•, L•, <, " j•, •, A•, -™, •-  
<-‰: L•..., ^f®-•

## ✓ f<sub>ri</sub>† ≠ ~ 2024

- 'ZCáC f ≠ 3, • 2024' TM, ZC2" " , •—  
<—%: f ..., P YTM i , jO• , : .., Y• YZS % ZS TM, æ PZC1/4" TM• Zf ~ , f
- •, f •, ...†..., ^ %S ...†—• , ☰" , ...< Y ZTM Zf ...Y , %q ZTM ≠ —• ...†ZcA • •—  
<—%: • Y , Z•" ,
- •, f •, ...†ZTM ≠ ••••• f Z ≠ " jZNS, ☰, T NSG) TM, •" , ...•, Z• —• TM Z•" " • ZTM" , ☰" , •—  
•—
- <—%: 1 " ° Z• C, ≠ •
- •, f •, ...†..., ^ %S ...†—• , ☰" , 'æS• S Z" C• Iµf, IZS (EEE) ZTM ≠ %q ☰, • TM TM  
TM, %q i • i •, •—  
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- •, f •, ...†ZTM • — j %, A" S ••A, Z...S ≠ ZTM S TM• Zf, ☰...• Y A' TM• ZC TM, ≠ TM, i 2 Z, TM, —  
<—%: ... a" ® —• I % %, æA, •

## ✓ f<sub>ri</sub>† ≠ ~ 2024

- •, f •, ...†..., ^ %S ...†—• , ☰" , > %" TM, 1 %, ZTM ≠ •—" Y% ZcA • •—  
<—%: ☰ Y ,
- •, f •, ...† P, %, TM, — 4%, Y%, ..., j - ≠ Y, Zf • 1 Zf ZcS TM Z...≠, I f Y• I - 1, INS ©Z%, S,  
TM; ZTM ≠ æA, • Y% TM ... • ZTM" , ☰" , A, —  
<—%: ZC" , • , Y—• ..., E YAU® —•
- •, f •, ...† E Y, • TM, f • ® 1 A • Y% — 4%, P, %, — ≠ E" j ☰ TM, 1 O TM TM •, E E" j Z, • TM,  
cox A, —  
<—%: ..., æ TM j
- 61C, Y% 1/2" " • Y ZI Y" • Z" Y ZTM ≠ • •, • —

<—%<sub>00</sub>: <sup>TM</sup> , Ž• §<sup>M</sup> Cf<sup>TM</sup> Š%<sub>00</sub>..>

- ®ž•¢²š™‡ž•™;‰½š½•ƒž•¢‡'™¬¥...†...•,".,.,•,•-

„f<sub>π</sub>† ≠ ~њк€ Еž••''''•^†•31 < —~, 2024



## Current Affairs FAQ's

Que.  $\frac{1}{2} \cdot \frac{1}{2} < \frac{1}{2} \cdot \frac{1}{2} < \frac{1}{2} \cdot \frac{1}{2}$

• †•Ž¢²” Š™, Ž¢æ•‰ (span)™‰•, •ê®Ž•” ¡Ž¤” Š™¡‰, ¼S½ ¼S½ œ‰‰‡ž• Š Š...‡‰••¢, f•‡...‡...Ž”™ Š•, Ÿ... †•©¢•‰••, ^, Ž•~ê

Que.  $\exists^{\infty} \in \mathbb{Z} \cdot \exists^{\infty} \in \mathbb{Z} f'' \sim f$

Que.  $\frac{1}{2} \times \frac{1}{2} < \frac{1}{2} \times 0.5 \neq 0.5^2 = 0.25$

**Ans.**  $E(Y) = \frac{1}{2} \cdot 12 = 6$  (The expected value of a uniform distribution is the average of the endpoints.)

Que.  $\frac{1}{2} \times \frac{1}{3} < \frac{1}{2} \times \frac{1}{4} < \frac{1}{2} \times \frac{1}{5}$

## **<sup>a</sup>*f*, ¥‡ -> †Ž „ „ „ (Multiple Choice Questions)**

Ques. 1: **Ši ~tž < ſi...i“ ,...¥• ‘ , ~¥|•‡• , ~®,® ‡” „iži - i~i f§**

- (A) 1 © æ•
  - (B) 2 © æ•
  - (C) 3 © æ•
  - (D) 4 © æ•

Ques. 2: 1 < --~ 2024 •••°, Ž"‡ •¥i ± Ž"– (UPSC) ‡•< 2Ž³ ‡• ' > •%‡••  
‘Ž"~ ,‡Ži – Ži f§

- (A)  $\widehat{1} \cdot \dots \cdot j_s \cdot \widehat{j} \cdot \dots$
  - (B)  $\circledast \cdot \widehat{z} \cdot \widehat{z} \cdot \circledast$
  - (C)  $\circledast \widehat{z} \cdot \dots \cdot \widehat{1} \circledast \cdot \widehat{y}$

- (D)  $\frac{1}{2} \times 16 \times 2024$

**Ques. 3:**  $17\% \text{ of } 8000 \text{ is } 1360$ . If  $1360$  is increased by  $16\%$  in  $2024$ , then it becomes

- (A)  $1360 \times 1.16$   
 (B)  $1360 \times 1.16^2$   
 (C)  $1360 \times 1.16 \times 1.16$   
 (D)  $1360 \times 1.16^3$

**Ques. 4:** In  $2024$ ,  $10\%$  of  $\text{ESIC}$  employees got a  $10\%$  increase in their salaries. If the total increase in salaries is  $20\%$ , then the number of employees is

- (A)  $100$   
 (B)  $200$   
 (C)  $300$   
 (D)  $400$

**Ques. 5:**  $\text{RBI}$  increased its  $10\%$  interest rate by  $10\%$  in  $2024$ . The new interest rate is

- (A)  $10\% \times 1.10^2$   
 (B)  $10\% \times 1.10^3$   
 (C)  $10\% \times 1.10^4$   
 (D)  $10\% \times 1.10^5$

**Ques. 6:**  $\text{RBI}$  increased its  $10\%$  interest rate by  $10\%$  in  $2024$ . The new interest rate is

ž-i~i^...À•¥|Àž"ažŒi™%"oœšœ a‡^,^>"Š•‡i»•‰AA+Ä^;Š—'jÅ~fÆ£

- (A)  $\check{z}_s$  § ¥ Š f
  - (B) " Ž" •™, ¥ - , ≠
  - (C) 1 .. ≠ 1 , %, €
  - (D) % %, ... %, •

Ques. 7:  $\frac{1}{2} \cdot \frac{1}{3} \cdot \frac{1}{4} \cdot \dots \cdot \frac{1}{10}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{9}{10}$   $\times$   $\frac{1}{2} \cdot \frac{1}{3} \cdot \dots \cdot \frac{1}{9}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{8}{9}$   $\times$   $\frac{1}{2} \cdot \frac{1}{3} \cdot \dots \cdot \frac{1}{8}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{7}{8}$   $\times$   $\frac{1}{2} \cdot \frac{1}{3} \cdot \dots \cdot \frac{1}{7}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{6}{7}$   $\times$   $\frac{1}{2} \cdot \frac{1}{3} \cdot \dots \cdot \frac{1}{6}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{5}{6}$   $\times$   $\frac{1}{2} \cdot \frac{1}{3} \cdot \dots \cdot \frac{1}{5}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{4}{5}$   $\times$   $\frac{1}{2} \cdot \frac{1}{3} \cdot \dots \cdot \frac{1}{4}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{3}{4}$   $\times$   $\frac{1}{2} \cdot \frac{1}{3} \cdot \dots \cdot \frac{1}{3}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{2}{3}$   $\times$   $\frac{1}{2} \cdot \frac{1}{3} \cdot \dots \cdot \frac{1}{2}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{1}{2}$   $\times$   $\frac{1}{2} \cdot \frac{1}{3} \cdot \dots \cdot \frac{1}{1}$   $\times$   $\frac{2}{3} \cdot \frac{3}{4} \cdot \dots \cdot \frac{1}{1}$

- (A)  $\text{æ¢ÚÇ} \bullet \check{z}^- \text{ " Š ¥‰ } \pm \bullet \bullet \text{ ®" } \mid \text{æ}^{\bullet\bullet}, f,$
  - (B)  $\text{æ¢ÚÇ} \bullet \check{z}^- \text{ " Š ¥‰ } \text{æ..., Š } \text{S}^{\text{®" }} \mid \text{æ}^{\bullet\bullet}, f,$
  - (C)  $\text{æ¢ÚÇ} \bullet \check{z}^- \text{ " Š } \text{TM} \check{z} f^- \text{ C } \text{æ}, \check{z} \text{ TM } \text{®" } \mid \text{æ}^{\bullet\bullet}, f,$
  - (D)  $\text{æ¢ÚÇ} \bullet \check{z}^- \text{ " Š } \text{¥‰ } \% ; \bullet \check{z} \text{ TM } \text{®" } \mid \text{æ}^{\bullet\bullet}, f,$

Ques. 8: <--~ 2024 ..%tY .." ..+ # ŽjEj # ..^ j" ŽA" # ..^ j Šj, ~ # ..®f

- (A)  $\mathbb{Z} \subset \mathbb{S}_{00}^{\infty}$ ,  $\mathbb{Z} \subset \mathbb{I}^{\infty}$
  - (B)  $\mathbb{Y} \subset \mathbb{Y}^{\infty}$ ,  $\mathbb{I}^{\infty} \subset \mathbb{I}$
  - (C)  $\mathbb{C} \subset \mathbb{I}^{\infty}$ ,  $\mathbb{C} \subset \mathbb{I}^{\infty}$
  - (D)  $\mathbb{P} \subset \mathbb{I}^{\infty}$ ,  $\mathbb{Z} \subset \mathbb{I}^{\infty}$

Ques. 9:  $\check{S}i \sim \check{E} \check{t} \check{z} \check{f} i \cdot \check{Z} \sim \cdot \check{g} \check{Z} < \check{E} \check{Z} i \cdot , \cdot \check{E} \cdot \check{4}, \sim \check{f} i 10 \check{Y} i \cdot \pi \check{f} \check{C}, \sim \cdot 25$   
 $< \sim \cdot 2024 \check{f} \cdot \check{A} \check{f} \check{f}, \check{f} f i \cdot \check{Z} \sim \cdot \sim \check{f} \check{Z} i - \check{Z} i \cdot \check{f} \check{f} \check{f}$

- (A)  $\nexists$   $\forall$   $\exists$   $\forall$   $\exists$
  - (B)  $\exists$   $\forall$   $\exists$   $\forall$   $\exists$
  - (C)  $\exists$   $\forall$   $\exists$   $\forall$   $\exists$

- (D) • ' Ž-Ef,, ¶, %•

- (A) 1~~23456789~~ 1," ... $f$ ,"
  - (B) 1~~23456789~~ 1 $f$  1<sup>TM</sup>
  - (C)  $f$  »é• 1," ... $f$ ,"
  - (D) Ši " " i 1," ... $f$ ,"