



Exams : UPSC, SSC, Railway, Banking, Police Teaching, Defense & All Government Job Recruitment Exams
Study Material : Current Affairs, GK, General Studies, Reasoning, Mathematics, English, Hindi etc.

[Top 50] €•,f „ ,...†‡^ „%„Š €•Ž...•‘’“”^

1. •...—†~ -™šœ† „† €†^ •-†† ••ž

- [A] 6.023×10^{22}
[B] 6.023×10^{23}
[C] 6.23×10^{24}
[D] 6.023×10^{25}

• , f „. † ‡

$$i \cdot \Phi : [B] \ 6.023 \times 10^{23}$$

2. £øŸ €‡• ^%₉₉Ÿ™ ¨™₀‰ ~Ÿ ¥ „‡! ••ž

- [A] $\wedge \frac{0}{100} f \check{S} . \leftarrow$
 [B] $\in \frac{0}{100} f \frac{0}{100}$
 [C] $\bullet < \frac{0}{100} \check{Z} \bullet \bullet ' \bullet$
 [D] $' " " \wedge \bullet f$

• , f „†‡

™ • Ÿ i ¢ : [C] • < 0/∞ Ž • • ‘

3. • „ “ „ † § ... ” • ©

- [A] 9.46×10^9 —.
- [B] 9.46×10^{15} —.
- [C] 9.46×10^{18} —.
- [D] 9.046×10^{15} —.

• , f „ † ‡

$$^{\text{TM}} \bullet \ddot{Y} \quad i \text{ ¢} : [B] 9.46 \times 10^{15} \text{ ---.}$$

4. • „ a Ÿ«¢ „„ f ^ ‡ — a % „ „ % ¢ ‡ ¢ • - f ‡ ••

- [A] 0.2642



Exams : UPSC, SSC, Railway, Banking, Police Teaching, Defense & All Government Job Recruitment Exams
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[B] 01642

[C] 0.2442

[D] 0.2341

• , f „.†‡

™•Ÿ i € : [A] 0.2642

5. • „ , ¬€Ÿ'€ „„ f ^† €Ÿ«€ •-f† ••©

[A] $10^{-15} \sim f$

[B] $10^{-10} \sim f$

[C] $10^{-12} \sim f$

[D] $10^{-18} \sim f$

• , f „.†‡

™•Ÿ i € : [A] $10^{-15} \sim f$

6. ^aⓂ—,€¯€ „%° „„± „„†€ „„ ••²

[A] •%™~f

[B] Š>œ Ž>

[C] “f•œ'œ...

[D] Ž>Ÿ Ÿ“ˆ.ˆ•f

• , f „.†‡

™•Ÿ i € : [D] Ž>Ÿ Ÿ“ˆ.ˆ•f

7. ³...†«€ ,™ˆ†\$ „%„f•†€ „„ ••²

[A] œ-ŠŸ

[B] i•€Ÿ

[C] -Š Š ¥ | %§

[D] <ˆ | §

• , f „.†‡



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TM • Y i C : [C] - Š Š ¥ ! % S

8. æ, £ ,,, TM Y -, f E t ^ ... μ f Š, t ... % 1.5 - Š t æ ¶ . t æ % - TM ,, Y -, f . , . t :-

[A] 1.5 C Y % a « ž % C -

[B] 3 C Y % a « ž % C -

[C] 2.25 C Y % a « ž % C -

[D] 6 C Y % a « ž % C -

• , f ,, t t

TM • Y i C : [C] 2.25 C Y % a « ž % C -

, «¹ • ' Y :

K = 1/2 mv -

K @ v -

ž š • C. 1.5 C Y % š - ž % C % ° « C ° ž ± ž '(1.5) - = 2.25 C Y % š - ž % C -

9. , ^ ° ^ , a , » f E , • ^ , ± E t ,, t TM æ % æ 1/4 a , • ž

[A] • % S -

[B] ° % S %

[C] Š - Š %

[D] ^ % f %

• , f ,, t t

TM • Y i C : [C] Š - Š % , «¹ • ' Y : • %₂ - ±³ - % < % Š Š Š ... μ ¶ % • % | < æ ž š < Š - Š % ±³ - % < % Š Š Š . x - • % | < æ ° % S % . f
 ' | " - " Y • . x S " < Š - f % " > a , • • ù p


$$\begin{aligned} & \text{TM} \cdot \ddot{Y} \quad | \quad \Phi : [B] \quad \langle \ddot{\cdot} \cdot \frac{Y}{N} | \quad \langle \quad , \ll^1 \bullet \quad , \ddot{Y} : \check{Z} \Phi \bullet \quad \circ \frac{Y}{N} \wedge \quad \wedge f \quad \text{' } \mathbb{E} \cdot \frac{Y}{N} | \quad \langle \quad - \ddagger \langle \ll^1 - \text{b}^\circ \circ \quad | \quad \text{p} \ddot{\sim} \gg \ddot{Y} \ddot{Y} a - \text{g} \ll^{\circ \circ} \frac{Y}{N} \quad a \mathbb{E}^\circ \check{S} - \quad \langle \frac{Y}{N} \frac{1}{4} \check{Z} \Phi \bullet \quad \circ \frac{Y}{N} \wedge \quad \wedge f \\ & \quad \text{' } \mathbb{E} \cdot \frac{Y}{N} | \quad \langle \quad \quad \langle \ddot{\cdot} \cdot \frac{Y}{N} | \quad \langle \quad - \frac{1}{2} \frac{Y}{N} \frac{2}{4} \bullet \bullet a \frac{Y}{N} f \quad \langle f^\circ \dots a_{\frac{1}{3}} \end{aligned}$$
$$^{\text{TM}} \bullet \ddot{Y} \quad i \Phi : [B] \quad ^{\circ} \frac{q}{\gamma_{00}} \wedge \quad \prec - \quad \grave{A} f \frac{q}{\gamma_{00}} \check{S} \quad \acute{\cdot} \quad \cdot \check{Z} \ll \bullet \prec \quad ^{\circ} \dot{\epsilon} \frac{q}{\gamma_{00}} \quad \acute{\cdot} \quad \mu \Pi - \quad \wedge f \frac{q}{\gamma_{00}} \bullet \circ \acute{\cdot} \prec$$

TM • Ÿ i ç : [B] • Š ^ ċ ^ f “ž š š... š° – • Â ^ ¼,, • ¼ ¼° “ < • ¼ ž ¼ ¼ ¼ aE

™•ÿ ¡¢: [A] ▣•Ã“< ž-ÿ...f ^ ºÿ- Q£| ° º a£



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14. § Ÿ f „ †ª ¢•„ €-«Ÿ „¢Ÿ• „Ÿ À•¢£-fªŸ „¢Ÿ•-•¢À,Á„ -€³¢-§»™ „Ÿ •ž

$$[A]_{\text{„}^{\circ}} \mid - \prec \text{---} \check{z}\check{t}' \text{“} (\mathbb{E} \prec \text{---} \sim - a_{\ll} \check{z}_{\text{m}}^{\vee \circ} - a_{\mathcal{E}'}^{\circ} : \pm^3 \text{---} \frac{\vee}{\text{m}} \prec .. \S \S f^{1/4} \ll \langle f \ll \prec^{\circ} - a_{\mathcal{E}}$$

[B] „« <—ž Ā <..š-• •₀₀•“ <- ^f ° š“•₀₀ | < <..É^ -‡<₀₀- <f °- a£

[C] „« <—ž Ā <.š-• •%•• <- ^ f ° f«(E- %Ė•- <.É ^ -‡<%- < f °- aE

[D] $\pm 3 - \frac{0}{100} < \frac{0}{100}$ "•" $< f^{1/4} \ddot{Y} a - a_{\ll 0} \frac{0}{100}$

• , f „.†‡

$$\mathbb{T}^m \cdot \ddot{Y} \quad i \in [C] \text{ „} \ll \leftarrow \check{Z} \check{A} \leftarrow \check{S} \cdot \quad \bullet \frac{1}{m} \cdot \leftarrow \hat{f} \circ f \ll \mathbb{E} - \frac{1}{m} \hat{E} \cdot - \leftarrow \check{E} \hat{\quad} \nrightarrow \frac{1}{m} \leftarrow f \circ - a \mathbb{E}$$

15. • „ , ^...†f €†. ‚ , €†. „%À\$€-, ^œE „%À Š†€ „†œ' „ €f† • † ¼%Ł€€... „ „™ººº†œ' „ €%ž

[A] ^ Ě•- <.. Š-^{q/100} Ÿ a- <“ Ž | É^ Š.<^{q/100} •‘ < f ©^{q/100}

[B] < % • 'ÿa_ < f©%

[C] < - < Ž | ° Š. < f ©

[D] '“E < ž | ° Š. < • ‘ < f ©

• , f „ † ‡

™•ÿ i¢:[C] <- <Ž | °‰ Š..<‰•‘ <f©‰

16. , ^0^-3 f E-TMO/00,, ^ ,, - ...%TM ...†, Á,, ,, TM E.-f † •ž

[A] ž :

[B] • % • "

[C] $\circ \overset{\circ}{A} \wedge \frac{\circ}{100} \circ$

[D] : < Í-

• , f „ † ‡

™ • ÿ i ¢ : [B] • % • "

17. “È€ TMO %Š Ĩ Ğ %€ “ „, † § „, † „, • ^™ † €Š ™ „ TMO Æ, Á „, „, 1/4 a ^ £ § † † • ž

$$[A] \hat{=} \bullet \circ \dots$$

[B]	%
-----	---



[C] Š,©Ÿ-

[D] af%

• , f „.††

™ • ÿ i ¢ : [D] af^{0/100}

18. É€ ¢™ ¢œ† •-f† •ž

[A] • a < “Ÿ• ° Ç« < Š „ß • 0/100 | 0/100 | Š a« ° 0/100 a£

[B] • a < ^“f • °-‘Ç« < Š „ß • °/°° | °/°° | Š a« °/°° a£

[C] • a | Š f.“æ• « ~“. | Å < « ^ Å - ‡ • • « © “ < • ‰ ž ‰ ° ‰ a £

[D] $^0\ddot{Y}-\ddot{S}_{..}\ll^1\ddot{Y}^a_-$

• , f „ † ‡

TM • ÿ i ç : [B] • a < ^ " f • ° - ' ç « < š „ Œ • % / % | š a « ° % a £

19. •., Êœ, ³ f À... fª a a™ ...† a† ¼” €† •• ^ f† •† ¥™ „† ¢ ‘™† €† ½œ f : (, ¢ ^† ¼” €† „, %œ, µ⁻ f ...µ f Š Š,† “, f, ¢ªª™ „, ¨
° ↳-Š „, •†• ¢ ⁻,™ •—ž

[A] „ $\ddot{E} \sim \wedge \sim$ | ($f \dots \ddot{Y}_{700}^V$) <...-¶...

[B] „ $\tilde{\mathbb{B}}^{\sim \wedge \sim} | \prec \cdot \check{S}^{\%} - \ddot{Y} \dots$

$$[C]_{\text{eff}} \approx [C]_0 - \frac{f}{V} \int_V C dV$$

[D] ' iE-“šš”(i i % ° 6 Å ^ > ~) < .. < % f 1/4

- f „†‡“

™•ÿ i ¢ : [B] „Ë~^~ | <..Š‰–ÿ...

20. Å†œ⁻¹«¢ „„™ „ÿ ¥ „†! •ž

[A] : \$ < - D - ^{\circ} /_{100} < -

[B] : Š < - C « < Š „ Š < -

$$[C] \cdot \langle \frac{Q}{100} \check{Z} \rangle - \circ - \bullet \tilde{N} \langle \frac{Q}{100} \rangle -$$

[D] Ê • “ÿ < - ° - • Ñ^{q/100} < -



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• , f „.†‡

™•Ÿ i¢ : [A] | Š < - Ð - °‰ < -

21. ...†•^ - 1/4 a ^ •%Š ”1/4-£Œœ £•” •-f† •ž

[A] Š‰£Œf 1/4

[B] ´ • ° |

[C] • , |

[D] •“° | «—°

• , f „.†‡

™•Ÿ i¢ : [C] • , |



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24. The sound level of a sound is 45 dB. The sound level of the sound is

- [A] 45 dB
- [B] 55 dB
- [C] 75 dB
- [D] 80 dB

• , f „†‡

TM • Ÿ i ¢ : [A] 45 dB

25. The sound level of a sound is 45 dB. The sound level of the sound is

- [A] 45 dB
- [B] 55 dB
- [C] 75 dB
- [D] 80 dB

• , f „†‡

TM • Ÿ i ¢ : [C] 75 dB

26. The sound level of a sound is 45 dB. The sound level of the sound is

- [A] 45 dB
- [B] 55 dB
- [C] 75 dB
- [D] 80 dB

• , f „†‡

TM • Ÿ i ¢ : [C] 75 dB

27. The sound level of a sound is 45 dB. The sound level of the sound is

- [A] 45 dB
- [B] 55 dB



[C] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$

[D] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$

• , f „.†‡

™•Ÿ i € : [D] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$

28. $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ „Ÿ ° $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ - $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ a ‡ $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$

[A] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ ~f

[B] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ ~f

[C] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ Ÿ

[D] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ Ÿ

• , f „.†‡

™•Ÿ i € : [B] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ ~f

29. 10^{-10} $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ „Ÿ ° $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ -f ‡ ••

[A] 10^{-10} ~f

[B] 10^{-8} ~f

[C] 10^{-8} Ÿ.

[D] 10^{-10} Ÿ.

• , f „.†‡

™•Ÿ i € : [A] 10^{-10} ~f

30. $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ „Ÿ ° - $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ „Ÿ ° $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ ^ € $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ „f ‡ ••

[A] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ - $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ ^f

[B] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ „Ÿ ° - $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ ^f

[C] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ Ÿ. $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ < „ „ •• ^f

[D] $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ Ÿ. $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \dots$ < - „Ÿ ° ^f

• , f „.†‡



31. The correct answer is [A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

31. The correct answer is [A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[B] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[C] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[D] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

• , f „††

32. The correct answer is [C] $125\% \times \frac{1}{2} = 62.5\%$

32. The correct answer is [C] $125\% \times \frac{1}{2} = 62.5\%$

[A] $50\% \times \frac{1}{2} = 25\%$

[B] $50\% \times \frac{1}{2} = 25\%$

[C] $125\% \times \frac{1}{2} = 62.5\%$

[D] $125\% \times \frac{1}{2} = 62.5\%$

• , f „††

33. The correct answer is [A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

33. The correct answer is [A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[B] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[C] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[D] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

• , f „††

34. The correct answer is [A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$



34. ,,,™ ¢žœ¢ ¢-À~Šµ- f¢š- ž•½^ ^•Ÿš-™,, fŸ-

[A] ^%Ÿ-

[C] a•%

[B] |«a%

[D] ^%f%

• , f ,,††

™•Ÿ i¢: [C] a•%

35. „,f¤ª x¢ ,,,,Í,f ,,† À~Š†f ,,•ª†f†•©

[A] •Â•%Äž °% ©¼%š

[B] ©ÜÂ•% < •¼“Ÿ• °%š

[C] ž ÍÂ• ÆÒ¼‘

[D] ¥| %š < %“Ÿ• °%š

• , f ,,††

™•Ÿ i¢: [A] •Â•%Äž °% ©¼%š

36. •Äš¤Ÿ ° Ä†,¢f •²

[A] i•¢Ÿ <..ž- ©“““Ÿ•-

[B] Æ<“-œž <..ŠÚ%š

[C] ^%Ä < | <..Ÿ•-

[D] ±ž%Šš¤¼ <..ŠÚ%š

• , f ,,††

™•Ÿ i¢: [B] Æ<“-œž <..ŠÚ%š

37. ™šš¢ f¢^† ^£Ÿ ,,Ÿ Ä•%ž °™†^ ••, ³œ-š, ²

[A] Š-„,Ÿª f%ª«°%ª£

[B] Š-„,Ÿk%ž- „,¢° < ¢| % fª°%ª£



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[C] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[D] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

• , f „.†‡

TM•Ÿ i ¢ : [D] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

38. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[B] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[C] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[D] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

• , f „.†‡

TM•Ÿ i ¢ : [D] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

39. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[B] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[C] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[D] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

• , f „.†‡

TM•Ÿ i ¢ : [A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

40. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[A] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[B] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[C] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[D] $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$



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• , f „.†‡

™•Ÿ i ¢ : [A] ´Ÿ„Ê•‘

41. —^aœ £•’ „Ÿ ¬-„™ £Ÿ™ „Ÿ ...Â f‡ ,ÒÈœ‡ „Ÿ •-fŸ ••²

[A] Æ£-

[C] “°©Ÿ-

[B] „©Ÿ-

[D] •Ä¿_‰¹

• , f „.†‡

™•Ÿ i ¢ : [A] Æ£-

42. i^a £•’ Ú†‡ ¢^† “,f,¢° ¢ •-f‡ ••²

[A] •‰Ä°“ < , Š-£‰

[B] •‰Ä°“ < , •™~‰

[C] <‰™^“Ÿ< , Š-£‰

[D] <‰™^“Ÿ< , •™~‰

• , f „.†‡

™•Ÿ i ¢ : [C] <‰™^“Ÿ< , Š-£‰

43. “„†Š f¢Š £†•¢‘ ••²

[A] Ê•“Ÿ °f¢ <‰ Û

[B] “•Ô° •”Š<-• ´Ÿ•Ä¿ °f¢ <‰

[C] ^f‰Š©Ÿ- °f¢ <‰

[D] <«¹ Ÿ^a-Š

• , f „.†‡



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TM • Y i C : [B] " • O ° • " Š < - • ' Y • A c ° f 5 < %

44. $E = mc^2$ „ - “ , f • † , £ f „ „ œ † ¯ † 2

- [A] f „ f C œ ' Y ...
[B] A E ° i A ~ - Y Y ...
[C] Y - T M Š š f Y ...
[D] Y " f < « C — Y ...

• , f „ . † †

TM • Y i C : [B] A E ° i A ~ - Y Y ...

45. ¬ - « — C ¬ „ „ „ C % † A , £ £ ' œ „ „ a T M • - f † • •

- [A] • , |
[B] ' • ° |
[C] • 1/2 • « ° |
[D] < % 1 Y a - S

• , f „ . † †

TM • Y i C : [A] • , |

46. ¬ - , œ œ „ † ^ † , € „ „ - œ £ a † • † T M „ f † • • 2

- [A] • C ' Y • - - †
[B] ¥ | C « ' Y • - - †
[C] ^ « | « ' Y • - - †
[D] f " œ • - - †

• , f „ . † †

TM • Y i C : [B] ¥ | C « ' Y • - - †



47. $\hat{U} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[A] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[B] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[C] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[D] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

• , f $\frac{1}{\sqrt{f}}$

TM • $\frac{1}{\sqrt{f}}$ i $\frac{1}{\sqrt{f}}$: [B] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

48. $\hat{U} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[A] X- $\frac{1}{\sqrt{f}}$

[B] Y- $\frac{1}{\sqrt{f}}$

[C] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[D] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

• , f $\frac{1}{\sqrt{f}}$

TM • $\frac{1}{\sqrt{f}}$ i $\frac{1}{\sqrt{f}}$: [D] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

49. $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[A] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[B] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[C] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[D] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

• , f $\frac{1}{\sqrt{f}}$

TM • $\frac{1}{\sqrt{f}}$ i $\frac{1}{\sqrt{f}}$: [A] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

50. $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$, $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[A] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$

[B] $\frac{1}{\sqrt{f}} \propto \frac{1}{\sqrt{f}}$



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[C] $\frac{1}{4}$

[D] $\frac{1}{4}$

• , f „.†‡

™•Ÿ i ☎ : [B] •”Š < - • $\frac{1}{4}$

51. $\frac{1}{4}$ „†Š „%^a • “œŠf^a • Â€ - - ~%†f%²

[A] $\frac{1}{4}$ Á-

[B] “-“Ÿ° Á-

[C] Š- $\frac{1}{4}$ f Á-

[D] < $\frac{1}{4}$ “Ÿ“† • ° Ÿa-Š.Š•%“€ < ° - Ñ

• , f „.†‡

™•Ÿ i ☎ : [C] Š- $\frac{1}{4}$ f Á-

52. ‡€† „,™ “,Âœ† -,f™%†^††f,☎f •-fŸ ••

[A] •% | Ÿ

[B] “•“ < f $\frac{1}{4}$

[C] ŠŠ aŸ

[D] °Ÿ-†Š.< $\frac{1}{4}$ Ÿa-Š% ^ a€

• , f „.†‡

™•Ÿ i ☎ : [B] “•“ < f $\frac{1}{4}$

53. $\frac{1}{4}$ œ^ i €™Š...fŸ f†• ••²

[A] Ÿ 273 ‡ C

[B] 0 ‡ C

[C] -300 ‡ C

[D] 1 ‡ C



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• , f „.†‡

™•Ÿ i € : [A] Ů 273 Ɓ C

54. œ,£ ...točš a ^ •-fŸ f- ,£^ „Ÿ À...Á •-fŸ ••©

[A] < -

[B] × •%„, %

[C] ^ ^“f•“°°

[D] Æ€-

• , f „.†‡

™•Ÿ i € : [A] < -

55. ™œ’-€ ‘ „%™œœ ™œ’ „† „•^ 2 ™† €†- ,£»†! £%† ••2

[A] •¼’-€ †

[B] < «f«Ÿ%

[C] •½%° -€ †

[D] < «1 ½%© Ÿª-§

• , f „.†‡

™•Ÿ i € : [B] < «f«Ÿ%

56. ™œ’ „%„†§ „† ° \$,€„ •€†...f^ •- ™„ f† •œ,£ “ „†§-

[A] •%•“Š.<%? -†ž%

[B] •%•“Š.ž † -†ž%

[C] <%? Š.œ%•“-†ž%

[D] ž † Š.œ%•“-†ž%

• , f „.†‡



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™•Ÿ i ¢ : [C] <½ Š..‰•“–‡ž‰

[ays_quiz id=42]

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