

**General Instructions :**

- This question paper is divided into 4 Sections.
- It has total 14 questions.
- Section A : 1 question no. 1(a) to 1(d).
- Section B : 2 questions no. 2 and 3.
- Section C : 7 questions no. 4 to 10.
- Section D-I & D-II : 4 questions no. 11 to 14.

Attempt questions as per specific instructions.

Write question no. in answer book before attempting it.

બાકી 5 નીંદ્રા)

- ડાઉન (અલ) ડાઉન ડાઉન 04 ડાઉન ડાઉન 5 ડાઉન.
- ડાઉન (ડાઉન ડાઉન 14 ડાઉન.
- ડાઉન ડાઉન - ડાઉન 1 ડાઉન ડાઉન ડાઉન 1(a) ડાઉન 1(d) ડાઉન ડાઉન 5 ડાઉન.
- ડાઉન ડાઉન - ડાઉન 2 ડાઉન ડાઉન ડાઉન 2 ડાઉન 3 ડાઉન ડાઉન 5 ડાઉન.
- ડાઉન ડાઉન - ડાઉન 7 ડાઉન ડાઉન ડાઉન 4 ડાઉન 10 ડાઉન ડાઉન 5 ડાઉન.
- ડાઉન ડાઉન (I & II) - ડાઉન 4 ડાઉન ડાઉન ડાઉન 11 ડાઉન 14 ડાઉન ડાઉન 5 ડાઉન.

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SECTION-A [10 Marks]





D. $\ddot{\chi}(623)$

[illegible]



(i) $(\ddot{r})_{\omega}(\dot{r})_{\dot{\omega}}(\ddot{\omega})_{\ddot{r}}(\dot{\omega})_{\dot{\ddot{r}}}$ မှာ ω နှင့် r တို့သည် အောက်ပါအတိုင်း ဖော်ပြထားသည်။

- A. $\sqrt[3]{15\overline{5}}$
B. $\sqrt[3]{35\overline{55}}$
C. $\sqrt[3]{105\overline{55}}$
D. $\sqrt[3]{15\overline{55}}$

(ii) $E(\tilde{\theta}|\omega)$ සහ $\tilde{\omega}$ ස්වල්ප වශයෙන් වෙනස් වුවද?

- A. $\tilde{E}) \cdot (\tilde{E} 5 \tilde{E}$
 B. $\cap 35 \tilde{E}$
 C. $5 \tilde{E} 5 \tilde{E}$
 D. $\cap 35 \tilde{E} 5 \tilde{E}$

(iii) $\tilde{\mathcal{C}}((\mathcal{K} \# \tilde{\mathcal{U}}(E(\omega) \circ \mathcal{P})E)\omega) \mathcal{P}(\mathcal{O}^N(\Sigma \dots (\omega)(\mathcal{X}(\mathcal{C}.$

- A. E(50)(
- B. $\omega_{35}\tilde{\nu}$ (
- C. $\omega_{50}\tilde{\nu}$ (
- D. $\delta_{35}\tilde{\nu}$ (

(iv) $5\tilde{x} \cdot 10\omega$ $x(\tilde{y})$ u_3 ω ?

- A. $5\tilde{x}7(\ddot{x})$
 B. $5\tilde{x}7(\ddot{x}5\tilde{z})$
 C. $5\tilde{x}7(\approx x)$
 D. $5\tilde{x}7(\ddot{x})(\overset{6}{*})$



D. $\mathcal{P}(\mathcal{Z})$

[illegible]



D. $5\sqrt{e}(\sqrt{3} + i)(\sqrt{3} - i)$


$$D. \tau) \hat{C}^{\frac{1}{2}} \hat{C}^{\frac{1}{2}} \omega(\mathcal{N}) (E)$$
[illegible]



D. $\hat{\omega}(03$

D. $\in (5\tilde{4})$

D. ௧5~௧௦3

D. $\hat{A}^3 \gg \rho_C \rho_C$

A. $\epsilon(E^2 \tilde{\rho})$ B. $\sqrt[6]{\frac{5}{4}}$ C. $(E^{\vee})_2^{\vee}$ D. $(E^2 \omega^2)$ [illegible]

(i) $x(t)$ හි $x(0)$ හි ω සඳහා ω සඳහා ω ?

A. $\bar{\xi} \otimes \xi$ 573

B. $\frac{\pi}{2} \times \frac{\pi}{2} \times \frac{\pi}{2}$

C. $\tilde{\Sigma}_b^0 \in \tilde{\Sigma}_b^0$

D. རྩོམ་བྱས

(ii) $\delta(0) - \delta(\bar{\tau}) \leq N(\omega(\delta(\bar{\tau}), \bar{\tau})) \leq 5\epsilon_0 \leq 3\epsilon_T \dots \dots \dots N(\epsilon)$

A. $\mathbb{R}(\sqrt[3]{2}) \in \mathbb{R}(\sqrt{2})$

B. $\mathcal{X}(0) \in \mathbb{R}^3$

C. $\tilde{O}(n^3)$

D. $\sqrt{3} \in \mathbb{R}$

(iii) (ಚಿನ್ನ ಸುರಾ) (ಚಿನ್ನ ಹಿರಣ್ಯ) (ನಿರಾಕೃತಿ) ಹೀಗೆ, (ಚಿನ್ನ 5000.

A. $\sqrt[6]{x} (\sqrt[6]{x} + 2)$

B. $\bar{\sigma}(N) \in \mathcal{P}_v(\mathcal{R})$

C. $\sim \bar{O}(\sqrt{n})$

D. $\frac{1}{\sqrt{2}}$ (1/2).



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- SECTION-C [25 Marks]**

[7x1=7]

- 27



D. $\frac{5}{6}$



D. $\mathcal{O}(N^2)$

31

$\omega \in W_{\text{loc}}(S^{\frac{n}{2}-1})$

1

2

[3]

1

2



#

[5]

OR

[5]

OR

[5]

OR

27