

Roll No.

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Candidates must write the Q.P. Code on the title page of the answer-book.

- [illegible]

NOTE

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- (I) Please check that this question paper contains **17** printed pages.
- (II) Q.P. Code given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- (III) Please check that this question paper contains **14** questions.
- (IV) Please write down the Serial Number of the question in the answer-book at the given place before attempting it.
- (V) 15 minute time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the candidates will read the question paper only and will not write any answer on the answer-book during this period.

LEPCHA

Time allowed : 3 hours

Maximum Marks : 80



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 :** 4 questions no. 11 to 14.

Attempt questions as per specific instructions.

Write question no. in answer book before attempting it.

සඳහා අවදානම්

- අ(ඒ) (අංක 1) අ(ඒ) (අංක 4) අ(ඒ) (අංක 5) අ(ඒ).
- අ(ඒ) (අංක 14) අ(ඒ).
- අ(ඒ) (අංක 1) අ(ඒ) (අංක 1 (a) ඒ) 1 (d) අ(ඒ) (අංක 5) අ(ඒ).
- අ(ඒ) (අංක 2) අ(ඒ) (අංක 2 ඒ) 3 අ(ඒ) (අංක 5) අ(ඒ).
- අ(ඒ) (අංක 7) අ(ඒ) (අංක 4 ඒ) 10 අ(ඒ) (අංක 5) අ(ඒ).
- අ(ඒ) (අංක 11) අ(ඒ) (අංක 11 ඒ) 14 අ(ඒ) (අංක 5) අ(ඒ).

අ(ඒ) (අංක 1) අ(ඒ) (අංක 1 (a) ඒ) 1 (d) අ(ඒ) (අංක 5) අ(ඒ).

අ(ඒ) (අංක 2) අ(ඒ) (අංක 2 ඒ) 3 අ(ඒ) (අංක 5) අ(ඒ).

(v) $\mathcal{N}(\tilde{\omega}) \cap \mathcal{N}_0 \neq \emptyset$ ບໍ່ ດີ.

- A. $\overline{f}f$.
- B. $(\overline{f}f)$.
- C. $\overline{f}(f)$.
- D. $f(\overline{f})$.

[illegible]

၁။ (၂၀၁၆ ခုနှစ်၊ ဇူလိုင်လ (၁၀) ရက်နေ့) မှစ၍ (၂၀၁၆ ခုနှစ်၊ ဇူလိုင်လ (၁၀) ရက်နေ့) မှစ၍
 ၂။ (၂၀၁၆ ခုနှစ်၊ ဇူလိုင်လ (၁၀) ရက်နေ့) မှစ၍ (၂၀၁၆ ခုနှစ်၊ ဇူလိုင်လ (၁၀) ရက်နေ့) မှစ၍
 ၃။ (၂၀၁၆ ခုနှစ်၊ ဇူလိုင်လ (၁၀) ရက်နေ့) မှစ၍ (၂၀၁၆ ခုနှစ်၊ ဇူလိုင်လ (၁၀) ရက်နေ့) မှစ၍

[illegible]



(i) පරිදිවල (අංක) වලට අනුව, ඔබ පවතින ප්‍රධාන ප්‍රශ්න කුමක් වේ ?

- A. སྤྱི་ཁུངས་(

[illegible]

- A. KX
B. K^+X^-
C. K^+X^{2-}
D. $\text{K}^+\text{X}^\ominus$

[illegible]

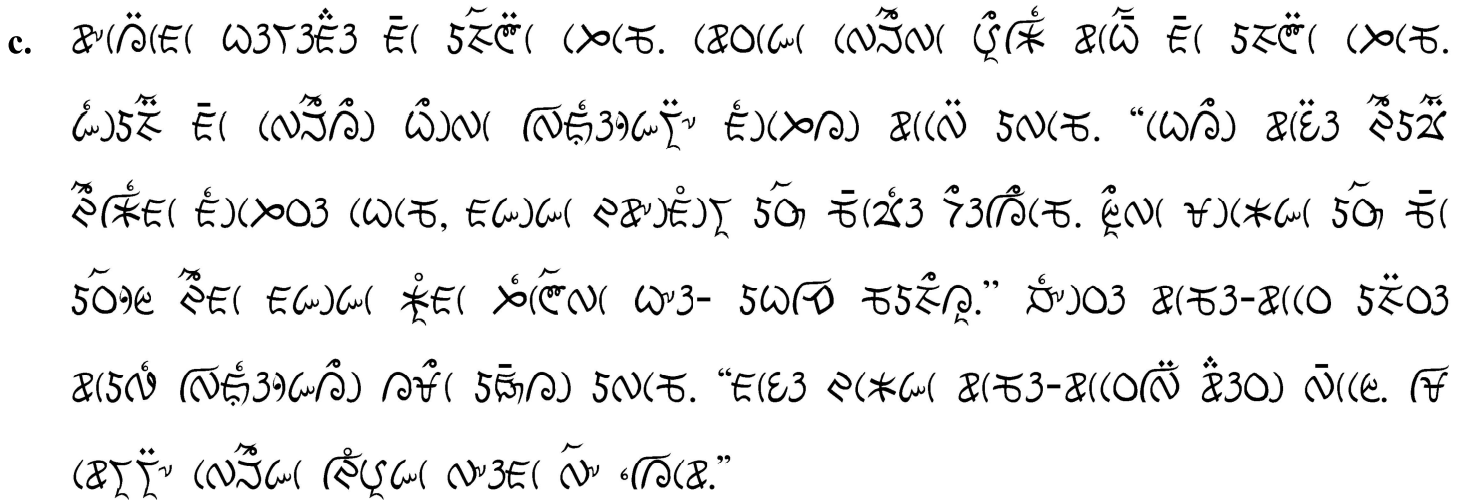
- A. Fe_2O_3
 B. $(\text{Fe})_2\text{O}_3$
 C. $(\text{Fe})_2(\text{O})_3$
 D. Fe_2O_3

(iv) $\omega(\hat{\rho})\omega(\hat{x}) \in \mathcal{W}$?

- A. རྩྭ་(རྩྭ་ཆེན་པོ་)ལ།

(v) $E(E_3\omega(\tilde{E}_3^5\tilde{\omega})\omega\tilde{\omega})$ ω_3 $5\tilde{E}\omega(\tilde{*})(\tilde{\omega})\tilde{*}^{\vee\tilde{\omega}}((\omega)\tilde{\omega})$?

- A. ၃၀၃ နေ့
B. ၆၉ နေ့
C. ၂၆
D. ၆၃၈၃၆

[illegible]

(i) $\omega_3 \tau_3 \dot{E}_3 \omega_1$ (လှည့်နှုန်း ω_3 နှင့် $\dot{E}_3$ နှစ်ခုလုံး ပုံစံတူသော) ?

- A. ဖို(အ)အိမ်



(ii) (လဲလှယ်) ဗဟို နိုင်ငံ (လက်ခံ) နှင့် ယခင်-ယခင် နှစ် (ဘယ်) ?

- A. လက်ခံ နှစ် (ဘယ်) နိုင်ငံ.
- B. လက်ခံ (ဘယ်) နှစ် (ဘယ်) နိုင်ငံ.
- C. လက်ခံ (ဘယ်) နှစ် (ဘယ်) နိုင်ငံ.
- D. နှစ် (ဘယ်) နိုင်ငံ.

(iii) နှစ် (ဘယ်) နှစ် (ဘယ်) (လက်ခံ) နှင့် ယခင် (ဘယ်) ?

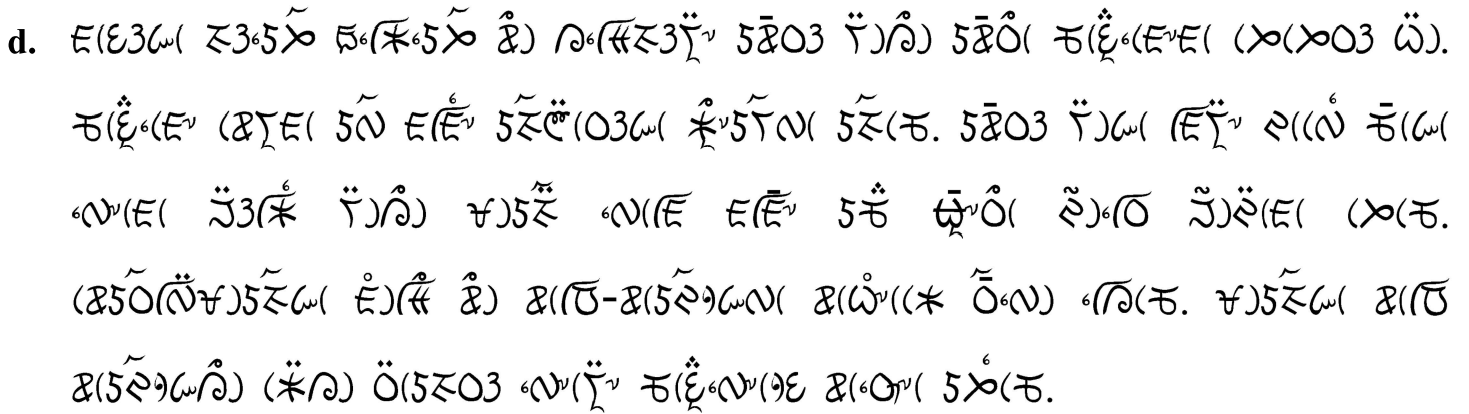
- A. နှစ် (ဘယ်) နှစ် (ဘယ်) နိုင်ငံ.
- B. နှစ် (ဘယ်) နှစ် (ဘယ်) နိုင်ငံ.
- C. နှစ် (ဘယ်) နှစ် (ဘယ်) နိုင်ငံ.
- D. နှစ် (ဘယ်) နှစ် (ဘယ်) နိုင်ငံ.

(iv) နှစ် (ဘယ်) နှစ် (ဘယ်) (လက်ခံ) နှင့် ယခင် (ဘယ်) ?

- A. နှစ် (ဘယ်) နိုင်ငံ.
- B. နှစ် (ဘယ်) နိုင်ငံ.
- C. နှစ် (ဘယ်) နိုင်ငံ.
- D. နှစ် (ဘယ်) နိုင်ငံ.

(v) (လဲလှယ်) (လက်ခံ) နှင့် ယခင် (ဘယ်) ?

- A. လက်ခံ (ဘယ်) နှစ် (ဘယ်) နိုင်ငံ.
- B. လက်ခံ (ဘယ်) နှစ် (ဘယ်) နိုင်ငံ.
- C. လက်ခံ (ဘယ်) နှစ် (ဘယ်) နိုင်ငံ.
- D. နှစ် (ဘယ်) နိုင်ငံ.

[illegible]

(i) $(\nabla \cdot \mathbf{E})_0$ සහ $(\nabla \cdot \mathbf{B})_0$ උපරිමයන් පරීක්ෂා කර බලන්න?

- A. $\times^3 \text{E} 3^6 \hat{x}$ $\text{E} 3^6 \hat{x}$.
- B. $\text{W}^0 0 3 \hat{x} (2^6 \hat{x}) \text{W}^5 \sim 5 \bar{x}$.
- C. $\text{W}^6 (\text{K}^5 \sim \hat{x}) \text{W}^6 \text{E} 3$.
- D. $\text{W}^5 \sim \text{W}^0 3 \hat{x} (\text{K}^5 \sim 5 \bar{x})$.

[illegible]

- A. $\ddot{\alpha}(\ddot{\alpha} \ddot{\alpha})$
 B. $\alpha(\ddot{\alpha} \ddot{\alpha})$
 C. $\ddot{\alpha}(\alpha \ddot{\alpha})$
 D. $\alpha(\alpha \ddot{\alpha})$

(iii) ω_{U} ከሆኖ ትኩረት በሚጠቀምበት ጊዜ ω_{U} ከሆኖ ትኩረት በሚጠቀምበት ጊዜ ?

- A. $\ddot{O}(C \equiv N)H-ICl_2$
 B. $\ddot{O}(C \equiv N)H-ICl_3$
 C. $\ddot{O}(C \equiv N)H-ICl_2$
 D. $\ddot{O}(C \equiv N)H-ICl_3$

[illegible]

- A. $\partial^6(\mathbb{R})$
 B. $\partial^6(\mathbb{S})$
 C. $(\mathbb{R})^6$
 D. $(\mathbb{S})^6$

[illegible]

- A. འཇིག་རྟེན་པོ།
- B. སྤྱི་བདེ་པོ།
- C. རྒྱལ་ཁབ་ཀྱི་སྐྱེ་ཁུངས་།
- D. མཉམ་སྲུང་གི་ཕྱི་ལོ་རྒྱུ་།



SECTION – B

15marks

2. ಸದ್ಯ (೦೦೨೦೦೩) ಔಠ್ಠಿಢಸ (ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ).

3×1=3

(i) ಔಠ್ಠಿಢಸ (ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸಔಠ್ಠಿಢಸ (ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ).

A. ಔಠ್ಠಿಢಸ.

B. ಔಠ್ಠಿಢಸ

C. ಔಠ್ಠಿಢಸ

D. ಔಠ್ಠಿಢಸ.

(ii) ಔಠ್ಠಿಢಸ (ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ).

A. ಔಠ್ಠಿಢಸ.

B. ಔಠ್ಠಿಢಸ.

C. ಔಠ್ಠಿಢಸ

D. ಔಠ್ಠಿಢಸ.

(iii) ಔಠ್ಠಿಢಸ (ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ ಔಠ್ಠಿಢಸ).

A. ಔಠ್ಠಿಢಸ.

B. ಔಠ್ಠಿಢಸ.

C. ಔಠ್ಠಿಢಸ.

D. ಔಠ್ಠಿಢಸ.

(iii) ಕರ್ನಾಟಕ ರಾಜ್ಯದ 5-ನೇ ಹಂತದ ಬೆಂ (.....) ರೇಟ್.

A. ${}^6(\overline{\omega}\overline{\omega}^{\nu}\omega).$

B. *35666.

C. $5\omega \sqrt{D\omega}$.

D. $5\pi^6\sqrt{\pi}\omega$.

(iv) ལྟོ་བའི་ ‘སྒྲུབ་ཆེན’ ལ། མ(7)(2).....

A. 55(16) 63.

B. $\overset{6}{*}) - \overset{6}{\omega}(\overset{6}{\omega} 3.$

C. $\frac{6}{\sqrt{6}} \omega(6)$

D. $\mathcal{F}(\hat{\omega}_h) \in \mathcal{C}^3$.

(v) $x(\tilde{\rho})$ ን $\tilde{x}(\tilde{\rho})$ (ከላይ) $\omega(0)$ ለ ρ ምን ዓይነት ስራ ይሰራ?

A. $(\ddot{\chi})_E(\cdot)$

B. $\tilde{5NE}$

C. $\hat{\mathcal{J}})(\hat{\mathcal{K}}\mathcal{E}($

D. ${}^6(\bar{E}^{\nu}E($ [illegible]

A. $\dot{\omega}(\epsilon) \sim \tilde{O}(\epsilon^{\sqrt{d}})$.

B. $5 * 2 \frac{1}{2}$ $6 \frac{1}{2} * 7 \frac{1}{2}$.

C. མཐོ་སྒྲིལ་ སྒྲིལ་པ་.

D. $\tilde{G}_k(\omega) \sim \omega^2$ (83).



(vii) $\omega_{\Gamma} \rightarrow \tilde{\omega}_{\Gamma}(0)\omega_{\Gamma} \approx \dots$

- A. $\mathcal{A}(\overline{\mathcal{C}}) - \mathcal{A}(\overline{\mathcal{C}}') \leq \mathcal{A}(\overline{\mathcal{C}}) \leq \mathcal{A}(\overline{\mathcal{C}}')$.

5. $\omega(\ddot{\omega})$ (00003 $\mathbb{R}(\mathbb{R}^{\infty})$ (00003 $\mathbb{R}(\mathbb{R}^{\infty})$ 55-

3

6P3(5^v-6P35³ 5^v103

03/ع ٥٦٧ ٢٢ ٧١٥٣

ω (Eν_π)N π(5,5)⁺₂

٦) *) E (E3 N̄ν W̄ ((e.

(i) $\vec{u} \cdot (\vec{v} \times \vec{w})$, $\vec{a} \cdot (\vec{b} \times \vec{c})$, $\vec{a} \times \vec{b}$ သို့မဟုတ် $\vec{a} \cdot \vec{b}$ တို့ကို ရှင်းလင်းပြောဆိုပါ။

2

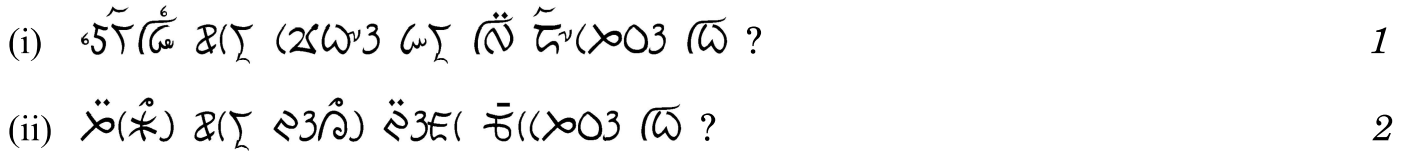
[illegible]

1

[illegible]

3

[illegible]



६५) ६८) $\tilde{x}_h$ ६९) $\tilde{z}_h$ ७०) $\tilde{z}_h$

[illegible][illegible]

10. (ଅଧୀନ ‘ଅ’ ଓ ‘ଈ’ ଶ୍ରେଣୀ) (୨) ଗୁଣିତ ଏବଂ ଅନ୍ୟାନ୍ୟ? ଅର୍ଥେଟ୍ କି (୩) ସମସ୍ତ.



SECTION – D-I

15 Marks

11. සකි(0(×03 &ඹු)නස(ජිලි 5න&.

5×3=15

- (i) 0((සෙජ න03ඒ) (ඒඳ)ඉසිල3-උ3ස(ධ3ඒ)න ඒ(ඒ(×ඒ) ධ ?
- (ii) ස)×ඳ)ඒ) ඒ(ස(ඒ35ධ ජ(0) ස(0 ජ(ඒ) 0(×(ඒ) ධ ?
- (iii) ඒ3 ඒ(ඒ((ඒඳ) &5ඨ 0(ඒ03 &5ඨ 5න(× ධ ?
- (iv) ජෙ0 ඒෙ0 (0ඒ3)ස(ඒ) ඒ3ධ (0න0 0(ඒ0 &ඹු ජ(ඒ) ධ ?
- (v) (0(ඒ(0(ස(න03ස(&ඒ(0(03 5න(× ධ? &ඒ) න03 ජ)(ස(ජ(0) 0(ඒ0 5න(× ධ ?

SECTION – D-II

15 Marks

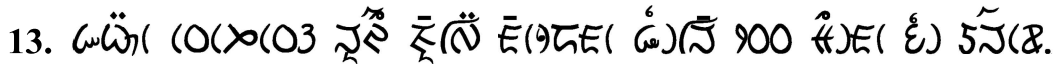
12. සකි(0(×03 0ඒ 0(0 ඒ(0ඒ(ඒ(0 0(0ඒ((ස)0 5න&.

5

A. 0(ඒ(0(0(ජ03× 0(×03 (0(ඒ03 0(0

OR

B. (2 0ඒ(0 0(0ඒ03(ඒ(&ඒ(&ඒ((030(ඒ.

[illegible]

OR

B. $\tilde{S}(U(\mathfrak{g})) \cong \tilde{S}(\mathfrak{g}) \otimes \mathbb{C}[\mathfrak{g}^*]$ နှင့် $\tilde{S}(\mathfrak{g}) \cong \mathbb{C}[\mathfrak{g}^*]$ ဖြစ်ကြောင်း ပြသပါ။

14. ‘ ∇ $x(\tilde{y} \in (\nabla^{\dagger}(x)) \tilde{z}$.

A. November 14 is the birth anniversary of Pandit Jawaharlal Nehru. This day has been observed as Children's Day in the whole of India since 1955, as Pandit Jawaharlal Nehru was very fond of children. The children responded by affectionately calling him, 'Chacha Nehru'. This day is celebrated as a day of fun and frolic, throughout the country.

OR

B. My best friend's name is Reepchum. We study in the same school. She stays near my house. We go school together in the same bus. Reepchum helps me in the sums. I give her my storybooks to read. I go to her every evening to play games. We enjoy playing badminton and other games. Reepchum and I talk a lot to each other. Both of us want to be artists. We go to the drawing class together on Sundays.