

**SET-4****Series #CDBA****Q.P. Code****27**

Roll No.

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

- ଶୁଣି (ସଂସଦ ଘର) ୦୮୦୦୩ (ଫୋନ୍) ଶୁଣିଲେ '୫୯୯୯' (ସଂସଦ ଘର) ଶୁଣିଲେ (୫୯୯୯) ୫୯୯୯.
- '୫୯୯୯' ୫୯୯୯ ରଖି ଶୁଣିଲେ ଶୁଣିଲେ ୫୯୯୯.
- ଶୁଣି (ସଂସଦ) (୯-୯୯୯୯) ଶୁଣିଲେ ୯୯୯୯ ୯୯୯୯. (ଫୋନ୍) (ସଂସଦ) ୧୦.୧୫ (ଶୁଣି (ସଂସଦ) ୫୯୯୯) (ସଂସଦ) ଶୁଣି (ସଂସଦ) ଶୁଣିଲେ (୯. (୯ ୫) ୫୯୯୯) ୯୯୯୯ (ସଂସଦ) ୫୯୯୯ (ସଂସଦ) ୫୯୯୯.

- Please check that this question paper contains **14** printed pages.
- 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.
- Please check that this question paper contains **14** questions.
- **Please write down the serial number of the question in the answer-book before attempting it.**
- 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 students 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 to 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.

සාමාන්‍ය නිර්දේශ

- ප්‍රශ්න (අ) සහ (ආ) ඇතුළත් 4 වැනි කොටසකට ඇතුළත් වේ.
- ප්‍රශ්න (ක) සහ (උ) ඇතුළත් 14 ප්‍රශ්න ඇතුළත් වේ.
- කොටස A - ප්‍රශ්න 1 ඇතුළත් වන අතර ඒවායේ 1(a) සිට 1(d) දක්වා ඇතුළත් වේ.
- කොටස B - ප්‍රශ්න 2 ඇතුළත් වන අතර ඒවායේ 2 සිට 3 දක්වා ඇතුළත් වේ.
- කොටස C - ප්‍රශ්න 7 ඇතුළත් වන අතර ඒවායේ 4 සිට 10 දක්වා ඇතුළත් වේ.
- කොටස D - ප්‍රශ්න 4 ඇතුළත් වන අතර ඒවායේ 11 සිට 14 දක්වා ඇතුළත් වේ.

පිටුව 03 නිර්දේශයට අනුව (03/03) දින ප්‍රශ්න කළ යුතුය.

ප්‍රශ්න කළ යුතු අවස්ථා (අ) සහ (ආ) ඇතුළත් අවස්ථා ඇතුළත් වේ.

SECTION-A [10 Marks]

1. (a) (i) 2003 རྒྱ་ནག་གི་ (ii) རྒྱ་ནག་གི་ (iii) རྒྱ་ནག་གི་ (iv) རྒྱ་ནག་གི་ (v) རྒྱ་ནག་གི་ (Any two) $2 \times 5 = 10$

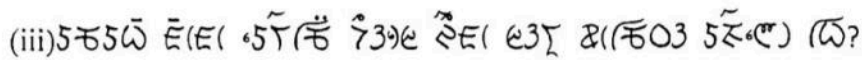
[illegible][illegible][illegible]

(i) $\int_0^{\pi} \sin x dx$ හි අගය සොයා ගන්න.

- A. Zn^{2+}
B. Cu^{2+}
C. Ni^{2+}
D. Fe^{2+}

(ii) 2(35) 23 (10) 10 (5, 10) 2 10?

- A. $\frac{1}{2}$
B. $\frac{1}{3}$
C. $\frac{2}{3}$
D. $\frac{1}{4}$

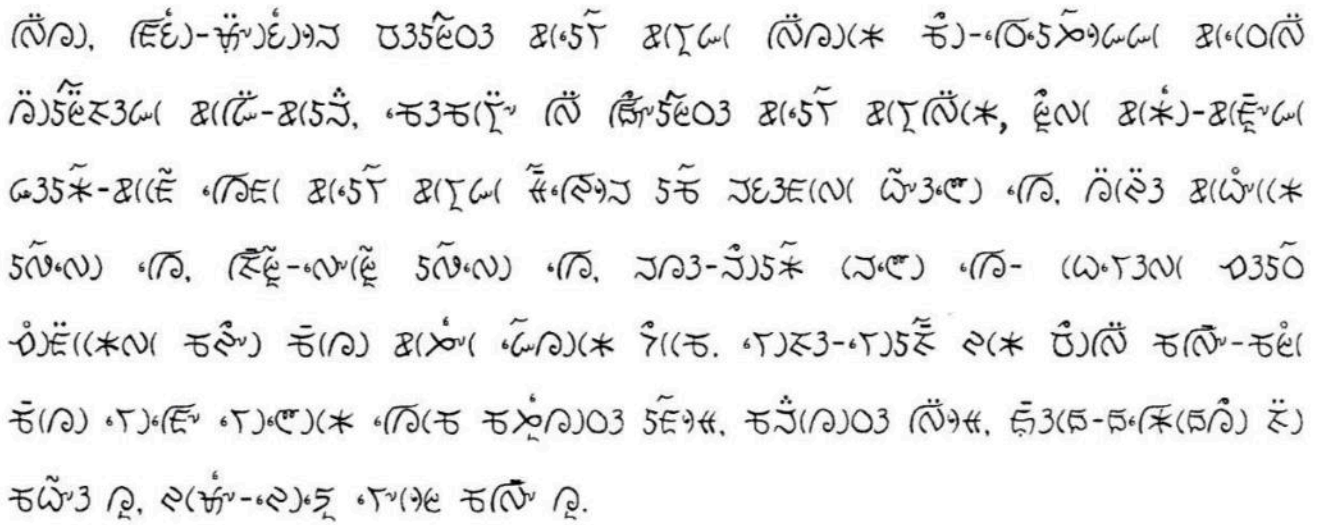


- (iv) 5ཅ5འོ-5ཅ་རྒྱ རྩེ(ཡ3ཅོ(༡) .5ཏྲཱིཙྪུམ ག(5ཏྲ 5ཏྲཱི(ད?

- (v) '57'ཁོ་ལ(མ་)ལྟོ ལེ རང་ཁོ་ སྐྱོ(2003 སྤྱི་ལོ་ ལོ་)

- [illegible]

Page 4



A. $2(15) + 3(5) = 30$
 B. $2(15) + 3(10) = 60$
 C. $2(15) + 3(15) = 90$
 D. $2(15) + 3(20) = 120$

A. $(\gamma)(\omega) \hat{x} \gamma(\tilde{e}) \cdot x_3(\epsilon)$
 B. $(\gamma)(\hat{x}) \gamma 5 \tilde{v} \cdot x_3(\epsilon)$
 C. $(\gamma)(\hat{x}) \gamma 5 \tilde{v} \cdot x_3(\epsilon)$
 D. $(\gamma) \tilde{x} \hat{x} \gamma 5 \tilde{e} \cdot x_3(\epsilon)$

A. 5ನೇ ಸಹಸ್ರ (2003) (25)ನ
B. 8ನೇ ಸಹಸ್ರ (25)ನ
C. 3ನೇ ಸಹಸ್ರ (25)ನ
D. 4ನೇ ಸಹಸ್ರ (25)ನ

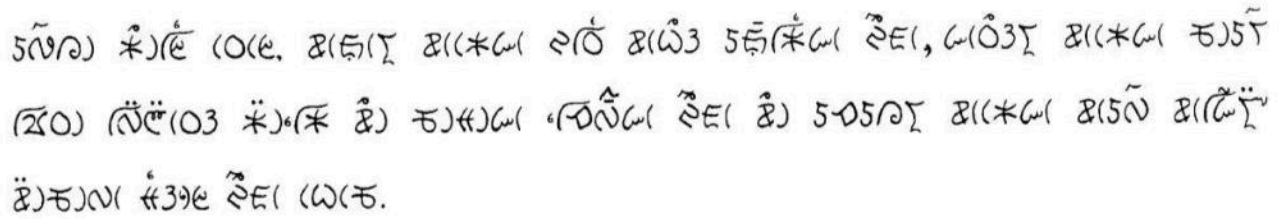
[illegible]

- A. ၁၆-၀၃-၂၀၁၆ (သို့) ၁၆-၀၃-၂၀၁၆

[illegible]

- A. $\tilde{E}303 \text{ } \&(5\tilde{T}$
 B. $5\tilde{C}\tilde{M}3 \text{ } \&(5\tilde{T}$
 C. $\sqrt{\text{f}} \text{ } \&(5\tilde{T}$
 D. $\tilde{J} \text{ } \&(5\tilde{T}.$

[illegible][illegible]



A. $\mathcal{N}(\mathcal{E}^{\circ})$

C. $\hat{E}(5^* - \hat{Q})$

(ii) ನೂತನ ಸಮಾಜಕ್ಕೆ ಕುಗ್ಗಿದ ಒಬ್ಬ ವ್ಯಕ್ತಿ (ಕೆ.ಎಂ.ಡಿ)?

A. $\hat{U}, \hat{M}, \hat{P}, \hat{H}$

B. 5६, (६ ४) ०)

C. $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}$

D. $\mathbb{R}(t)$, $\omega(\mathbb{O}_3 \hat{x})$ 5-05/0

(iii) 5863 ၊ (ပေးပို့ပေး (ငါ့) နံ) နံ့ ၊ မိမိ 5894 (သ) ?

A. $\hat{S}(5\hat{b})$

B. * $(5\tilde{\tau})$

c. $\sqrt{0.5\lambda}$

D. $\sim 5 \times 10^7$

(iv) නැරඳීමට 5-05/06, 15/03/06, 16/03/06 සහ 17/03/06 දිනවලදී සිදු කළ නැරඳීම් පිළිබඳව විස්තරයක් සපයන්න?

A. ဂဝိ ကိုမဲ့ ခိုဝှမ်း

B. 55 (6) 55 (6) 55 (6)

c. $\mathcal{B}(\tilde{N}) \mathcal{B}(\tilde{\mathcal{L}}^{\nu} \ddot{\mathcal{X}}) \mathcal{N}(\mathbb{H}^3) \mathcal{E}(\tilde{\mathcal{E}})$

D. ཅུ་ཆེན་པོ་མཁས་གྲིལ་བཤད་རྒྱུ་ཡིན།



(ii) ಯಾವುದೇ ಉದಾಹರಣೆಯನ್ನು ನೀಡಿ ಗಾಂಧಿ 52ನೇ ಅಂಶವು (ಕೆಳಕಂಡ) ಯಾವುದು?

- A. 52. 50. 21ನೇ
- B. (ದೇಶ) ಪರಿಷತ್
- C. 52ನೇ ಅಧ್ಯಾಯದ 52ನೇ
- D. 25ನೇ ಅಧ್ಯಾಯದ 52ನೇ

(iii) ಪರಿಷತ್ ರಚನೆಯು ಗಾಂಧಿ 52ನೇ ಅಂಶವು (ಕೆಳಕಂಡ) 52ನೇ ಅಧ್ಯಾಯದ (ಕೆಳಕಂಡ) ಯಾವುದು.

- A. 52
- B. 52
- C. 52
- D. 52

(iv) ಗಾಂಧಿ 52ನೇ ಅಂಶವು (ಕೆಳಕಂಡ) ಪರಿಷತ್ (ಕೆಳಕಂಡ) 52ನೇ ಅಧ್ಯಾಯದ (ಕೆಳಕಂಡ) ಯಾವುದು?

- A. 52ನೇ ಅಧ್ಯಾಯದ 52ನೇ
- B. ಪರಿಷತ್ ರಚನೆಯು
- C. 52. 50. 21ನೇ
- D. 25ನೇ ಅಧ್ಯಾಯದ 52ನೇ

(v) 25ನೇ ಅಧ್ಯಾಯದ 52ನೇ ಅಧ್ಯಾಯದ (ಕೆಳಕಂಡ) ಗಾಂಧಿ 52ನೇ ಅಂಶವು (ಕೆಳಕಂಡ) ಯಾವುದು?

- A. 52ನೇ ಅಧ್ಯಾಯದ (ಕೆಳಕಂಡ) 52ನೇ
- B. 52ನೇ ಅಧ್ಯಾಯದ (ಕೆಳಕಂಡ)
- C. ಗಾಂಧಿ 52ನೇ ಅಂಶವು (ಕೆಳಕಂಡ) ಪರಿಷತ್
- D. 52ನೇ ಅಧ್ಯಾಯದ (ಕೆಳಕಂಡ) 52ನೇ

SECTION-B (15 Marks)

2. ఉద్ధృతి (02003) అర్జునుని గురించి అగస్త్య పుస్తకం క్రింది వ్రాసిన-

(3x1=3)

(i) နံပါတ်(၁) ကို (၈) နှင့် ၇၃၅၆၀၃ ကို ပေါင်းစပ်.....

- A. $\ddot{x}(60)$
B. $\ddot{x}(75)$
C. $\ddot{x}(90)$
D. $\ddot{x}(105)$

(ii) $(\dot{x}^{\nu} \dot{x}^{\nu} - c^2) \dot{x}^{\mu} = 0$ (8-

- A. ୨୧୯୯
B. ୧୩୨୯
C. ୧୩ ୪୦ (୧୦)
D. ୪୦୯୯

[illegible]

- A. $\omega\tilde{5}\tilde{0}$?
B. $\tilde{4}(\epsilon)$!
C. $\tilde{6}(\tilde{6})\tilde{6}(\tilde{6})$
D. $\tilde{8}(\tilde{2}3)-\tilde{2}3$

3. $\frac{1}{2} \log \left(\frac{1000}{100} \right) = \frac{1}{2} \log 10 = \frac{1}{2} \times 1 = 0.5$

[6x2=12]

- (i) 5-6 5ನಿಂತ್ರಿ ಆದ ದ? ನ(2) * 5ನ(8).
- (ii) 5-6 5ನಿಂತ್ರಿ ಆದ ದ? ನ(2) * 5ನ.
- (iii) 8(8) 8(5ಕ)ನ 5ನೇ 5ನೇ ದ? ನ(2) * 5ನ.
- (iv) 8(8) 8(5ಕ)ನ 5ನೇ 5ನೇ ದ? ನ(2) * 5ನ.
- (v) (5ನ)-8(8) 5ನಿಂತ್ರಿ ಆದ ದ?
- (vi) 8(8) 8(5ಕ)ನ 5ನೇ 5ನೇ ದ? ನ(2) * 5ನ(8).

SECTION-C (25 Marks)

[illegible]

[7x1=7]

[illegible]

- A. 6303
B. 8101
C. 5117
D. 5721

(ii) x 3.5% x $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{16}$ $\frac{1}{32}$ $\frac{1}{64}$ $\frac{1}{128}$ $\frac{1}{256}$ $\frac{1}{512}$ $\frac{1}{1024}$ $\frac{1}{2048}$ $\frac{1}{4096}$ $\frac{1}{8192}$ $\frac{1}{16384}$ $\frac{1}{32768}$ $\frac{1}{65536}$ $\frac{1}{131072}$ $\frac{1}{262144}$ $\frac{1}{524288}$ $\frac{1}{1048576}$ $\frac{1}{2097152}$ $\frac{1}{4194304}$ $\frac{1}{8388608}$ $\frac{1}{16777216}$ $\frac{1}{33554432}$ $\frac{1}{67108864}$ $\frac{1}{134217728}$ $\frac{1}{268435456}$ $\frac{1}{536870912}$ $\frac{1}{1073741824}$ $\frac{1}{2147483648}$ $\frac{1}{4294967296}$ $\frac{1}{8589934592}$ $\frac{1}{17179869184}$ $\frac{1}{34359738368}$ $\frac{1}{68719476736}$ $\frac{1}{137438953472}$ $\frac{1}{274877906944}$ $\frac{1}{549755813888}$ $\frac{1}{1099511627776}$ $\frac{1}{2199023255552}$ $\frac{1}{4398046511104}$ $\frac{1}{8796093022208}$ $\frac{1}{17592186044416}$ $\frac{1}{35184372088832}$ $\frac{1}{70368744177664}$ $\frac{1}{140737488355328}$ $\frac{1}{281474976710656}$ $\frac{1}{562949953421312}$ $\frac{1}{1125899906842624}$ $\frac{1}{2251799813685248}$ $\frac{1}{4503599627370496}$ $\frac{1}{9007199254740992}$ $\frac{1}{18014398509481984}$ $\frac{1}{36028797018963968}$ $\frac{1}{72057594037927936}$ $\frac{1}{144115188075855872}$ $\frac{1}{288230376151711744}$ $\frac{1}{576460752303423488}$ $\frac{1}{1152921504606846976}$ $\frac{1}{2305843009213693952}$ $\frac{1}{4611686018427387904}$ $\frac{1}{9223372036854775808}$ $\frac{1}{18446744073709551616}$ $\frac{1}{36893488147419103232}$ $\frac{1}{73786976294838206464}$ $\frac{1}{147573952589676412928}$ $\frac{1}{295147905179352825856}$ $\frac{1}{590295810358705651712}$ $\frac{1}{1180591620717411303424}$ $\frac{1}{2361183241434822606848}$ $\frac{1}{4722366482869645213696}$ $\frac{1}{9444732965739290427392}$ $\frac{1}{18889465931478580854784}$ $\frac{1}{37778931862957161709568}$ $\frac{1}{75557863725914323419136}$ $\frac{1}{151115727451828646838272}$ $\frac{1}{302231454903657293676544}$ $\frac{1}{604462909807314587353088}$ $\frac{1}{1208925819614629174706176}$ $\frac{1}{2417851639229258349412352}$ $\frac{1}{4835703278458516698824704}$ $\frac{1}{9671406556917033397649408}$ $\frac{1}{19342813113834066795298816}$ $\frac{1}{38685626227668133590597632}$ $\frac{1}{77371252455336267181195264}$ $\frac{1}{154742504910672534362390528}$ $\frac{1}{309485009821345068724781056}$ $\frac{1}{618970019642690137449562112}$ $\frac{1}{1237940039285380274899124224}$ $\frac{1}{2475880078570760549798248448}$ $\frac{1}{4951760157141521099596496896}$ $\frac{1}{9903520314283042199192993792}$ $\frac{1}{19807040628566084398385987584}$ $\frac{1}{39614081257132168796771975168}$ $\frac{1}{79228162514264337593543950336}$ $\frac{1}{158456325028528675187087900672}$ $\frac{1}{316912650057057350374175801344}$ $\frac{1}{633825300114114700748351602688}$ $\frac{1}{1267650600228229401496703205376}$ $\frac{1}{2535301200456458802993406410752}$ $\frac{1}{5070602400912917605986812821504}$ $\frac{1}{10141204801825835211973625643008}$ $\frac{1}{20282409603651670423947251286016}$ $\frac{1}{40564819207303340847894502572032}$ $\frac{1}{81129638414606681695789005144064}$ $\frac{1}{162259276829213363391578010288128}$ $\frac{1}{324518553658426726783156020576256}$ $\frac{1}{649037107316853453566312041152512}$ $\frac{1}{1298074214633706907132624082305024}$ $\frac{1}{2596148429267413814265248164610048}$ $\frac{1}{5192296858534827628530496329220096}$ $\frac{1}{10384593717069655257060992658440192}$ $\frac{1}{20769187434139310514121985316880384}$ $\frac{1}{41538374868278621028243970633760768}$ $\frac{1}{83076749736557242056487941267521536}$ $\frac{1}{166153499473114484112975882535043072}$ $\frac{1}{332306998946228968225951765070086144}$ $\frac{1}{664613997892457936451903530140172288}$ $\frac{1}{1329227995784915872903807060280344576}$ $\frac{1}{2658455991569831745807614120560689152}$ $\frac{1}{5316911983139663491615228241121378304}$ $\frac{1}{10633823966279326983230456482242756608}$ $\frac{1}{21267647932558653966460912964485513216}$ $\frac{1}{42535295865117307932921825928971026432}$ $\frac{1}{85070591730234615865843651857942052864}$ $\frac{1}{170141183460469231731687303715884105728}$ $\frac{1}{340282366920938463463374607431768211456}$ $\frac{1}{680564733841876926926749214863536422912}$ $\frac{1}{1361129467683753853853498429727072845824}$ $\frac{1}{2722258935367507707706996859454145691648}$ $\frac{1}{5444517870735015415413993718908291383296}$ $\frac{1}{108890357414700308308279874378165827665$

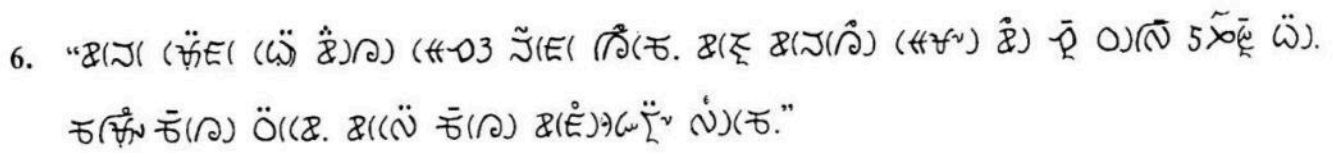
- A. $(\omega(\omega(\omega\bar{\omega}))\omega)\omega$
 B. $\tilde{5}\tilde{E}\omega(\ddot{\gamma})\omega\omega$
 C. $\tilde{\omega}\omega(\ddot{J})\tilde{5}\tilde{\omega}\omega\omega$
 D. $\tilde{5}\tilde{E}\omega(\omega\omega\omega)\omega$

[illegible]

- A. 03 རྩོམ་

(iv) ཇེ་ཤི་ “ཉེ་ཆེ” སུ་ མཁོ་ཀྱི་ ཡོད་ རེ་ ཡོད་?

- A. $\ast(\mathbb{N})$
 B. $\mathcal{E}(\ast)$
 C. $\mathcal{Q}(\mathbb{N})$
 D. $\ddot{\mathcal{O}}(\mathbb{N})$



7. "ωE(ω(Ö3 2(ωv(5Z

"(२) (१५) के निम्न।"

8. કાલિદાસે (૧) નીચેના ઉપરથી કવિની જાણ કરવા માટે પોતાના શબ્દોમાં કેવી રીતે વ્યક્ત કર્યા છે? [3]

- [illegible]

11. (a) (10/2003) ଶିକ୍ଷାବଳୀ, 5555 5555:-

[illegible]

- (iii) 50% ରେ 50% ଓ 50% ଓ 50% କିପରି ହେବ?

- (v) $\sin(\pi/2)$ ከ $\cos(\pi/2)$ ምን ዓይነት ጥያቄ ይኖረዋል?

SECTION-D-II [15 Marks]

12. ఒకటి (0.003) సంవత్సరం కంటే ఎక్కువ (ఉ)నో 100 శాతం (ఉ)నో, 5 నెలలు.

[5]

[illegible]

‘ए/२ (OR)

B. (၁) ဦးခိုင်ဝင်း ၏ အမည်ကို ပြောပါ။

[illegible]

‘ए(२) (OR)

[illegible]

14. $\omega(\omega(0 \times 03 \times (\tilde{X}^{\vee} \tilde{Y}^{\vee}, \tilde{F}^{\vee} \tilde{E}^{\vee} \hat{*}(\omega) \tilde{S}^{\vee}(\tilde{X}.$ [5]

The magic garden is in the school playground. It was very pretty. Sunflowers and roses stood high against the wall. There were also marigold, poppies and pansies. The sunshine fell on this garden more than on any other and the flowers danced and sang happily. They said to one another, we have hundreds of little gardeners. They were the children from the school.

‘E(12) (OR)

One day, Rahul, a naughty little boy saw a big tree in a park. There was a signboard on that tree. Rahul could not guess the Golden words. He was tired and said, 'Please, dear tree!' Suddenly, a big door opened in the trunk of the tree. It was very dark inside and Rahul saw another signboard. Rahul said, 'Thank you, dear tree!' With this, the inside of the tree lit up brightly. Rahul saw a big pile of chocolates and toys. He was happy.