

**SOLO SEMESTER BOOK-3 SEM-I
ENGLISH**

1. Savings– A Good Habit

- A. 1. b 2. c 3. a 4. b
B. 1. shirt 2. Rs. 500 3. money 4. father 5. almirah
C. 1. T 2. F 3. T 4. T 5. T
D. 1. The name of Hardik's mother was Mrs. Sangeeta. 2. Hardik used to collect all his pocket money in his piggy bank. 3. Hardik was saving his pocket money because he wanted to buy a video game. 4. Mr. Jitendra was sad because he did not buy the shirt. 5. Hardik took out all the money from his piggy bank and put it in cash box of the shop.
E. 1. Sad 2. Slow 3. Day 4. Open 5. Sour 6. Light
F. 1. Calves 2. Thieves 3. Shelves 4. Wolves

2. The Paper Boat

- A. 1. a 2. c 3. b 4. c
B. 1. school 2. colony 3. serious 4. window 5. place
C. 1. Neelima was a 10 year old girl. 2. She had seen only one boy in the vicinity. 3. His face remained serious and his eyes shone like embers. 4. She sailed one of her boats. 5. When Neelima offered her other boat to him.
D. 1. long ago 2. enemy 3. later 4. dry 5. modest 6. negative
E. India is a free country. Students are the backbone of the country. There

are many problems before the country. They cannot be solved without help of students. They have to play an important role in the development of the nation. They have to be dutiful and responsible.

3. Cleanliness

- A. 1. a 2. b 3. a 4. c 5. a
B. 1. body 2. basket 3. charcoal 4. Mosquitoes 5. family
C. 1. T 2. T 3. F 4. F 5. F
D. 1. Milkman 2. Book seller 3. Doctor 4. Postman 5. Bus driver.
E. 1. food 2. ink 3. May 4. read 5. India

4. I Wrote Myself a Letter

- A. 1. a 2. c 3. c 4. b
B. 1. mailed 2. nearly 3. quickly 4. anxiously
C. 1. The poet 2. Today 3. Unfolded the letter. 4. Because he doesn't know how to read.
D. 1. insufficient 2. in 3. fold 4. clueful
E. 1. donkeys 2. holidays 3. valleys 4. chimneys

5. The Honest Thief

- A. 1. c 2. a 3. c 4. c
B. 1. calculated 2. advice 3. inquiry 4. steal
C. 1. F 2. T 3. F 4. T
D. 1. Because the holy men came from distant towns, so they must be carrying lots of money. 2. Gajju, because he confessed the original reason of his friendship to the holy man. 3. To speak the truth. 4. The

sentry inquired purpose of visit.

- E. 1. dacoit 2. honorary 3. illiterate 4. orphan 5. pharmacist
 F. 1. thieves 2. stories 3. shelves 4. knives 5. cattle
 G. 1. c 2. d 3. a 4. f 5. b 6. e

6. Kind Siddhartha

- A. 1. a 2. b 3. b 4. b 5. a
 B. 1. T 2. F 3. F 4. T 5. T
 C. 1. King Suddhodana 2. Swan, because Dev Dutta shot an arrow at it. 3. A great scholar of the world.
 D. 1. Suddenly a swan fell on the ground. 2. Siddhartha saved bird. Yes 3. Siddhartha pulled the arrow some water.
 E. 1. Dev Dutta was a cruel prince. 2. Siddhartha preached the message of truth and ahimsa.
 F. 2. Conqueror 3. Teacher 4. Rider 5. Learner 6. Maker 7. Driver 8. Runner 9. Keeper 10. Player

7. The Little Plant

- A. 1. a 2. b 3. b 4. b 5. a
 B. 1. heart 2. seed 3. little plant 4. world
 C. 1. T 2. T 3. F 4. T 5. T
 D. 1. In the heart of a seed. 2. Wake 3. Lay fast asleep 4. Sunshine 5. The world
 E. 1. right 2. tea 3. leap 4. rose 5. sight 6. tall 7. mice 8. much
 F. 1. Where 2. Who 3. When 4. What 5. How

MATHS

Total Recall

Exercise-1

1. (a) Twenty-five (b) Seventy-Eight
 (c) One hundred forty-five (d) Three

hundred eighty-seven (e) Five hundred sixty-seven (f) Eight hundred thirty-nine

2. (a) 123 (b) 449 (c) 870 (d) 516
 3. (a) 1 hundred, 8 tens and 7 ones (b) 2 Hundred, 4 tens and 9 ones (c) 3 hundred, 3 tens and 3 ones (d) 4 hundred, 6 tens and 7 ones
 4. (a) 128 (b) 256 (c) 309 (d) 559
 5. (a) $100 + 20 + 1$ (b) $200 + 60 + 2$ (c) $300 + 80 + 7$ (d) $500 + 40 + 1$
 6. (a) 8, 10, 12 (b) 7, 9, 11 (c) 20, 25, 30 (d) 109, 107, 105
 7. (a) 142, 143, 144, 145, 146, 147, 148, 149, 150 (b) 238, 239, 240, 241, 243, 243, 244, 245, 246 (c) 490, 491, 492, 493, 294, 495, 496, 497, 498 (d) 699, 700, 701, 702, 703, 704, 705, 706, 707
 8. (a) $141 < 414$ (b) $123 = 123$ (c) $567 < 963$
 9. (a) 68 (b) 124 (c) 38 (d) 144 (e) 459
 10. (a) $99 < 202 < 307 < 401$ (b) $486 < 648 < 684 < 862$ (c) $159 < 559 < 595 < 955$
 11. (a) $230 > 150 > 103 > 96$ (b) $919 > 869 > 849 > 777$ (c) $512 > 426 > 216 > 162$
 12. (a) 60 (b) 8 (c) 400 (d) 5
 13. (a) 579 (b) 238 (c) 126 (d) 678
 14. (a) 852 (b) 843 (c) 952 (d) 870
 15. (a) $5 \times 2 = 10$, $2 \times 5 = 10$ (b) $7 \times 7 = 49$, and same (c) $7 \times 10 = 70$, $10 \times 7 = 70$ (d) $8 \times 11 = 88$, $11 \times 8 = 88$

16. (a)
$$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$$
 (b)
$$\begin{array}{r} 15 \\ \times 2 \\ \hline 30 \end{array}$$
 (c)
$$\begin{array}{r} 20 \\ \times 5 \\ \hline 100 \end{array}$$

 (d)
$$\begin{array}{r} 40 \\ \times 2 \\ \hline 80 \end{array}$$
 (e)
$$\begin{array}{r} 6 \overline{)42} 7 \\ \underline{42} \\ \times \end{array}$$

$$\begin{array}{r} \text{(f) } 9 \overline{)81} \text{ (g) } 8 \overline{)64} \text{ (h) } 4 \overline{)44} \text{ (i) } 11 \\ \underline{\times} \quad \underline{\times} \quad \underline{\times} \end{array}$$

$$\begin{array}{r} 17. \quad 78 \\ \times 9 \\ \hline 702 \end{array}$$

$\therefore$ No of pizza sold in 9 days
= 702

$$\begin{array}{r} 18. \quad 304 \text{ wickets} \\ + 280 \text{ bats} \\ + 206 \text{ balls} \\ \hline 790 \text{ total sports goods} \end{array}$$

$$\begin{array}{r} 19. \quad \text{Total swimmers} = 500 \\ \text{No. of boys} = - 389 \\ \hline \therefore \text{No. of girls} = 111 \end{array}$$

$$\begin{array}{r} 20. \quad \text{No. of trees in a row} = 42 \\ \text{No. of rows} = 9 \\ \hline \therefore \text{Total no. of trees in the garden} = 42 \times 9 = 378 \end{array}$$

$$\begin{array}{r} 21. \quad \text{Cost of one radio} = ₹915 \\ \text{The numbers of radios} = 8 \\ \hline \therefore \text{Total cost} = 915 \times 8 = 7320 \end{array}$$

$$\begin{array}{r} 22. \quad \text{Total bats} = 63 \\ \text{No. of bats each child got} = 3 \\ \hline \therefore \text{Total no. of children} = 21 \end{array}$$

$$\begin{array}{r} 3 \overline{)63} \text{ (21)} \\ \underline{6} \\ 3 \\ \underline{3} \\ 0 \end{array}$$

23. (a) cube (b) cuboid (c) circle

Four-Digit Numbers

Exercise- 2

- (a) 6002, 6003, 6004, 6005, 6006 (b) 5325, 5326, 5327, 5328, 5329 (c) 8195, 8196, 8197, 8198, 8199 (d) 3268, 3269, 3270, 3271, 3272 (e) 4495, 4496, 4497, 4498, 4499

- (f) 9200, 9201, 9202, 9203, 9204
(g) 6524, 6525, 6526, 6527, 6528

- (a) Five thousand one (b) Six thousand twenty one (c) One thousand nine hundred ninety nine (d) Seven thousand two hundred eighty one (e) Six thousand two hundred fifty one (f) Six thousand seven hundred eleven (g) One thousand two hundred eighty seven
- (a) 7506 (b) 5700 (c) 2472 (d) 4083 (e) 9009
- (a) 7021, 7022, 7023 (b) 1258, 1259, 1260 (c) 7829, 7830, 7831 (d) 1583, 1584, 1585 (e) 6288, 6289, 6290 (f) 6011, 6012, 6013 (g) 9011, 9012, 9013
- (a) 1700 (b) 2028 (c) 3401 (d) 8000 (e) 7004 (f) 4037
- (a) 9606, 9608, 9610, 9612 (b) 8756, 8753, 8750, 8747 (c) 3800, 3900, 4000, 4100 (d) 7870, 7890, 7910, 7930 (e) 6099, 6106, 6113, 6120 (f) 5555, 6666, 7777, 8888
- (a) 100 (b) 10 (c) 1000 (d) 1
- (a) 9999 (b) 999 (c) 99 (d) 9
- (a) 7000 + 400 + 30 + 6 (b) 2000 + 200 + 20 + 2 (c) 2000 + 500 + 40 + 3 (d) 1000 + 800 + 70 + 2 (e) 7000 + 200 + 90 + 8 (f) 7000 + 700 + 50 + 6
- (a) 4625, 4630 (b) 3881, 3886 (c) 5475, 5480 (d) 6791, 6796 (e) 8893, 8898 (f) 1861, 1866
- (a) 6430, 6440, 6450 (b) 5796, 5806, 5816 (c) 7572, 7582, 7592 (d) 4899, 4909, 4919 (e) 9768, 9778, 9788 (f) 5554, 5564, 5574

Multiple Choice Questions :

- (a) Five thousand one hundred seventy eight
- (c) 1208 3. (c) 9820

4. (d) $7000 + 100 + 30 + 4$

5. (b) 9999 6. (b) 1000

Place Value

Exercise- 3.1

- (a) 4 tens or 40 (b) 2 ones or 2 (c) 6 ones or 6 (d) 2 hundreds or 200 (e) 5 thousands or 5000 (f) 0 ten or 0 (g) 2 tens or 20 (h) 0 hundred or 0
- (a) $7000 + 500 + 80 + 6$
(b) $2000 + 000 + 90 + 6$
(c) $3000 + 500 + 50 + 4$
(d) $4000 + 800 + 70 + 6$
(e) $3000 + 900 + 50 + 8$
(f) $7000 + 700 + 70 + 7$
(g) $4000 + 300 + 40 + 6$
- (a) 8406 (b) 7356 (c) 5082 (d) 3490 (e) 4519 (f) 9601
- (a) 4202 (b) 5256 (c) 3256 (d) 6540 (e) 9024 (f) 1598 5. $500 + 5 = 505$
- $60 - 6 = 54$ 7. $70 - 7 = 63$

Exercise- 3.2

- | | | | |
|----------|-------------------------------------|------|-------------------------------------|
| (a) 3872 | ☐ | 4092 | ☒ |
| (b) 7823 | ☐ | 8324 | ☒ |
| (c) 9852 | ☒ | 3865 | ☐ |
| (d) 3287 | ☒ | 3286 | ☐ |
| (e) 3456 | ☐ | 5432 | ☒ |
| (f) 2837 | ☐ | 3927 | ☒ |
| (g) 2873 | ☒ | 1093 | ☐ |
| (h) 8342 | ☒ | 7242 | ☐ |
- | | | | |
|----------|-------------------------------------|------|-------------------------------------|
| (a) 4823 | ☒ | 5928 | ☐ |
| (b) 2000 | ☒ | 2100 | ☐ |
| (c) 5544 | ☐ | 3555 | ☒ |
| (d) 1020 | ☒ | 1030 | ☐ |
| (e) 3642 | ☒ | 4093 | ☐ |
| (f) 9012 | ☐ | 8021 | ☒ |
| (g) 9820 | ☐ | 9810 | ☒ |
| (h) 8232 | ☒ | 8233 | ☐ |
- (a) 2743 (b) 1122 (c) 6334
(d) 3052 (e) 1030 (f) 2008
(g) 4382

4. (a) 9832 (b) 9527 (c) 9527
(d) 5432 (e) 4444 (f) 8364

5. (a) $6384 > 4869$ (b) $5439 < 9256$
(c) $2356 = 2356$ (d) $4261 > 1492$
(e) $7238 < 7239$ (f) $5001 > 1005$
(g) $9212 > 2192$ (h) $3756 < 7536$

Exercise 3.3

- (a) 3856, 5683, 5686, 6583
(b) 4296, 4396, 6249, 6349
(c) 3859, 5839, 7983, 8973
- (a) 9562, 6592, 6259, 2596
(b) 7392, 7286, 7223, 3276
(c) 9826, 6289, 5443, 3454
- $2389 < 2398 < 2839 > 2893 < 2938$
- (a) 7259 (b) 3587 (c) 3568 (d) 4366 (e) 1000 (f) 6359
- (a) 2357 (b) 8577 (c) 8999 (d) 9324 (e) 999 (f) 2538
- 25, 52 7. 120, 201, 102, 210
- 2568, 2658, 2586, 2865, 2856, 2685
- 2569 10. 9852 11. School A, 2509
- Yes 13. Yes 14. No 15. Yes

Multiple Choice Questions :

- (a) 4092 2. (c) 1020
- (a) descending order

Regional Numbers

Exercise-4

- (a) 10 (b) 12 (c) 9 (d) 3 (e) 11 (f) 15
(g) 6 (h) 7 (i) 30 (j) 14 (k) 27 (l) 39
- (a) XXIX (b) XXIV (c) XXXII
(d) XVII (e) XXXIII (f) XV (g) XXI
(h) XVI
- (c) IXIV (d) VX (f) VV
- | A | B |
|--------|-------------|
| (a) 15 | (ii) XV |
| (b) 28 | (iv) XXVIII |
| (c) 32 | (i) XXXII |
| (d) 19 | (iii) XIX |
| (e) 5 | (vi) V |
| (f) 4 | (v) IV |

5. (a) F (b) T (c) F
 6. II, III, VIII, IX, XI
 7. XXX, X, IX, VIII, VII

Multiple Choice Questions :

1. (c) XVII 2. (b) XXIX 3. (d) 28
 4. (c) 9 5. (a) IXVI

Addition

Exercise- 5.1

Add the following :

- (a) H T O (b) H T O

$$\begin{array}{r} \textcircled{1} \\ 5 \ 0 \ 5 \\ + 2 \ 1 \ 6 \\ \hline 7 \ 2 \ 1 \end{array}$$

$$\begin{array}{r} 4 \ 0 \ 0 \\ + 2 \ 8 \\ \hline 4 \ 2 \ 8 \end{array}$$

- (c) H T O (d) H T O

$$\begin{array}{r} \textcircled{1} \\ 6 \ 8 \ 7 \\ + 5 \ 0 \ 7 \\ \hline 11 \ 9 \ 4 \end{array}$$

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \\ 3 \ 9 \ 5 \\ + 1 \ 2 \ 5 \\ \hline 5 \ 2 \ 0 \end{array}$$

- (e) H T O (f) H T O

$$\begin{array}{r} \textcircled{1} \\ 7 \ 8 \ 2 \\ + 1 \ 0 \ 8 \\ \hline 8 \ 9 \ 0 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 2 \ 0 \ 8 \\ + 1 \ 1 \ 2 \\ \hline 3 \ 2 \ 0 \end{array}$$

- (g) H T O (h) H T O

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \\ 5 \ 9 \ 5 \\ + 1 \ 2 \ 5 \\ + 1 \ 0 \ 2 \\ \hline 8 \ 2 \ 2 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 7 \ 8 \ 0 \\ + 9 \ 5 \\ + 8 \ 1 \ 2 \\ \hline 16 \ 8 \ 7 \end{array}$$

- (i) H T O

$$\begin{array}{r} \textcircled{1} \ \textcircled{2} \\ 3 \ 5 \ 5 \\ + 4 \ 8 \\ + 2 \ 0 \ 9 \\ \hline 6 \ 1 \ 2 \end{array}$$

Exercise- 5.2

1. (a) Th H T O (b) Th H T O

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \\ 6 \ 8 \ 9 \ 2 \\ + 1 \ 3 \ 1 \ 0 \\ \hline 8 \ 2 \ 0 \ 2 \end{array}$$

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \\ 7 \ 8 \ 3 \ 2 \\ + 5 \ 9 \ 2 \\ \hline 8 \ 4 \ 2 \ 4 \end{array}$$

- (c) Th H T O (d) Th H T O

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \ \textcircled{1} \\ 5 \ 9 \ 8 \ 8 \\ + 1 \ 0 \ 2 \ 8 \\ \hline 7 \ 0 \ 1 \ 6 \end{array}$$

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \\ 8 \ 7 \ 2 \ 5 \\ + 2 \ 0 \ 9 \ 5 \\ \hline 10 \ 8 \ 2 \ 0 \end{array}$$

- (e) Th H T O (f) Th H T O

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \\ 3 \ 4 \ 5 \ 8 \\ + 9 \ 2 \ 3 \\ \hline 4 \ 3 \ 8 \ 1 \end{array}$$

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \\ 0 \ 9 \ 5 \ 3 \\ + 2 \ 1 \ 8 \ 0 \\ \hline 3 \ 1 \ 3 \ 3 \end{array}$$

- (g) Th H T O (h) Th H T O

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \ \textcircled{1} \\ 6 \ 8 \ 7 \ 1 \\ + 2 \ 0 \ 2 \ 9 \\ + 1 \ 2 \ 5 \ 3 \\ \hline 10 \ 1 \ 5 \ 3 \end{array}$$

$$\begin{array}{r} \textcircled{1} \ \textcircled{2} \ \textcircled{1} \\ 7 \ 8 \ 9 \ 2 \\ + 5 \ 4 \ 3 \ 4 \\ + 8 \ 9 \\ \hline 13 \ 4 \ 1 \ 5 \end{array}$$

- (i) Th H T O

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \ \textcircled{1} \\ 0 \ 5 \ 7 \ 2 \\ + 2 \ 2 \ 4 \ 9 \\ + 2 \ 4 \ 4 \ 1 \\ \hline 5 \ 2 \ 6 \ 2 \end{array}$$

2. (a) Th H T O (b) Th H T O

$$\begin{array}{r} \textcircled{2} \ \textcircled{1} \\ 6 \ 9 \ 5 \ 2 \\ + 3 \ 8 \ 7 \ 2 \\ + 2 \ 7 \ 3 \ 0 \\ \hline 13 \ 5 \ 5 \ 4 \end{array}$$

$$\begin{array}{r} \textcircled{2} \ \textcircled{1} \\ 7 \ 8 \ 2 \ 2 \\ + 6 \ 8 \ 9 \ 2 \\ + 2 \ 7 \ 3 \ 0 \\ \hline 17 \ 4 \ 4 \ 4 \end{array}$$

- (c) Th H T O (d) Th H T O

$$\begin{array}{r} \textcircled{1} \\ \textcircled{1} \ 9 \ 8 \ 2 \\ + 3 \ 9 \ 5 \ 0 \\ + 2 \ 7 \\ \hline 4 \ 9 \ 5 \ 9 \end{array}$$

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \\ 5 \ 1 \ 3 \ 4 \\ + 5 \ 3 \ 4 \ 8 \\ + 4 \ 9 \ 5 \\ \hline 10 \ 9 \ 7 \ 7 \end{array}$$

Exercise-5.3

Problem fun :

1. Th H T O 2. Th H T O

$$\begin{array}{r} \textcircled{1} \ \textcircled{1} \ \textcircled{2} \\ 2 \ 2 \ 5 \ 9 \\ + 6 \ 2 \ 0 \ 8 \\ + 8 \ 8 \ 7 \\ \hline 9 \ 3 \ 5 \ 4 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 7 \ 0 \ 2 \ 9 \\ + 4 \ 9 \ 5 \ 0 \\ + 3 \ 0 \ 0 \ 9 \\ \hline 14 \ 9 \ 8 \ 8 \end{array}$$

$$\begin{array}{r}
 \text{3. Th H T O} \\
 \textcircled{1} \textcircled{2} \\
 3 \ 9 \ 6 \ 7 \\
 + 4 \ 0 \ 5 \ 0 \\
 + 4 \ 4 \ 9 \ 1 \\
 \hline
 12 \ 5 \ 0 \ 8
 \end{array}
 \quad
 \begin{array}{r}
 \text{4. Th H T O} \\
 \textcircled{1} \\
 2 \ 0 \ 1 \ 9 \\
 + 3 \ 5 \ 0 \ 0 \\
 + 2 \ 2 \ 7 \ 9 \\
 \hline
 7 \ 7 \ 9 \ 8
 \end{array}$$

$$\begin{array}{r}
 \text{5. Th H T O} \\
 \textcircled{1} \textcircled{1} \textcircled{1} \\
 6 \ 8 \ 0 \ 7 \\
 + 1 \ 2 \ 9 \ 7 \\
 + 3 \ 5 \ 9 \ 2 \\
 \hline
 11 \ 6 \ 9 \ 6
 \end{array}
 \quad
 \begin{array}{r}
 \text{6. Th H T O} \\
 \textcircled{1} \textcircled{1} \\
 5 \ 4 \ 0 \ 3 \\
 + 4 \ 2 \ 0 \ 9 \\
 + 4 \ 2 \ 9 \ 5 \\
 \hline
 13 \ 9 \ 0 \ 7
 \end{array}$$

Subtraction Exercise-6.1

Subtract :

$$\begin{array}{r}
 \text{(a) H T O} \\
 \textcircled{6} \textcircled{15} \\
 \cancel{7} \cancel{5} \ 6 \\
 - 6 \ 6 \ 5 \\
 \hline
 9 \ 1
 \end{array}
 \quad
 \begin{array}{r}
 \text{(b) H T O} \\
 \textcircled{8} \textcircled{16} \\
 2 \ \cancel{9} \ \cancel{6} \\
 - 1 \ 6 \ 8 \\
 \hline
 1 \ 2 \ 8
 \end{array}$$

$$\begin{array}{r}
 \text{(c) H T O} \\
 \textcircled{8} \textcircled{13} \textcircled{16} \\
 \cancel{9} \cancel{4} \cancel{6} \\
 - 3 \ 6 \ 9 \\
 \hline
 5 \ 7 \ 7
 \end{array}
 \quad
 \begin{array}{r}
 \text{(d) H T O} \\
 \textcircled{8} \textcircled{15} \\
 3 \ \cancel{9} \ \cancel{5} \\
 - 2 \ 5 \ 7 \\
 \hline
 1 \ 3 \ 8
 \end{array}$$

$$\begin{array}{r}
 \text{(e) H T O} \\
 \textcircled{0} \textcircled{10} \\
 2 \ \cancel{1} \ \cancel{0} \\
 - 2 \ 0 \ 5 \\
 \hline
 0 \ 0 \ 5
 \end{array}
 \quad
 \begin{array}{r}
 \text{(f) H T O} \\
 \textcircled{6} \textcircled{18} \\
 \cancel{7} \cancel{8} \ 9 \\
 - 2 \ 9 \ 8 \\
 \hline
 4 \ 9 \ 1
 \end{array}$$

Exercise - 6.2

$$\begin{array}{r}
 \text{1. (a) Th H T O} \\
 \textcircled{6} \textcircled{13} \\
 5 \ 7 \ \cancel{3} \ 9 \\
 - 2 \ 0 \ 4 \ 9 \\
 \hline
 3 \ 6 \ 9 \ 0
 \end{array}
 \quad
 \begin{array}{r}
 \text{(b) Th H T O} \\
 \textcircled{2} \textcircled{15} \textcircled{8} \textcircled{18} \\
 \cancel{3} \cancel{5} \cancel{9} \cancel{8} \\
 - 1 \ 6 \ 0 \ 9 \\
 \hline
 1 \ 9 \ 8 \ 9
 \end{array}$$

$$\begin{array}{r}
 \text{(c) Th H T O} \\
 \textcircled{4} \textcircled{18} \textcircled{8} \textcircled{16} \\
 \cancel{5} \cancel{8} \cancel{9} \cancel{6} \\
 - 1 \ 9 \ 2 \ 7 \\
 \hline
 3 \ 9 \ 6 \ 9
 \end{array}
 \quad
 \begin{array}{r}
 \text{(d) Th H T O} \\
 \textcircled{3} \textcircled{15} \\
 3 \ \cancel{4} \ \cancel{5} \ 7 \\
 - 1 \ 3 \ 6 \ 2 \\
 \hline
 2 \ 0 \ 9 \ 5
 \end{array}$$

$$\begin{array}{r}
 \text{(e) Th H T O} \\
 \textcircled{6} \textcircled{14} \textcircled{13} \textcircled{13} \\
 \cancel{7} \cancel{5} \cancel{4} \cancel{3} \\
 - 1 \ 6 \ 6 \ 4 \\
 \hline
 5 \ 8 \ 7 \ 9
 \end{array}
 \quad
 \begin{array}{r}
 \text{(f) Th H T O} \\
 \textcircled{1} \textcircled{13} \\
 7 \ 5 \ \cancel{2} \ \cancel{3} \\
 - 2 \ 1 \ 0 \ 4 \\
 \hline
 5 \ 4 \ 1 \ 9
 \end{array}$$

$$\begin{array}{r}
 \text{2. (a) Th H T O} \\
 \textcircled{6} \textcircled{10} \\
 \cancel{7} \cancel{0} \ 0 \ 0 \\
 - 8 \ 0 \ 0 \\
 \hline
 6 \ 2 \ 0 \ 0
 \end{array}
 \quad
 \begin{array}{r}
 \text{(b) Th H T O} \\
 \textcircled{1} \textcircled{13} \\
 7 \ 7 \ \cancel{2} \ \cancel{3} \\
 - 3 \ 2 \ 1 \ 4 \\
 \hline
 4 \ 5 \ 0 \ 9
 \end{array}$$

$$\begin{array}{r}
 \text{(c) Th H T O} \\
 2 \ 3 \ 4 \ 5 \\
 - 1 \ 2 \ 3 \ 4 \\
 \hline
 1 \ 1 \ 1 \ 1
 \end{array}
 \quad
 \begin{array}{r}
 \text{(d) Th H T O} \\
 \textcircled{3} \textcircled{13} \\
 5 \ \cancel{4} \ \cancel{3} \ 9 \\
 - 3 \ 0 \ 7 \ 2 \\
 \hline
 2 \ 3 \ 6 \ 7
 \end{array}$$

$$\begin{array}{r}
 \text{(e) Th H T O} \\
 1 \ 0 \ 0 \ 0 \\
 - 0 \\
 \hline
 1 \ 0 \ 0 \ 0
 \end{array}
 \quad
 \begin{array}{r}
 \text{(f) Th H T O} \\
 \textcircled{0} \textcircled{9} \textcircled{9} \textcircled{10} \\
 \cancel{1} \cancel{0} \cancel{0} \cancel{0} \\
 - 1 \\
 \hline
 9 \ 9 \ 9
 \end{array}$$

$$\begin{array}{r}
 \text{3. (a) } \textcircled{6} \textcircled{10} \textcircled{1} \textcircled{18} \\
 \cancel{7} \textcircled{0} \cancel{2} \cancel{8} \\
 - 4 \ 3 \ 1 \ 9 \\
 \hline
 \textcircled{2} \ 7 \ 0 \ \textcircled{9}
 \end{array}
 \quad
 \begin{array}{r}
 \text{(b) } \textcircled{8} \textcircled{12} \\
 5 \ \cancel{9} \ \cancel{2} \ \textcircled{5} \\
 - 1 \ \textcircled{4} \ 4 \ 3 \\
 \hline
 4 \ 4 \ \textcircled{8} \ 2
 \end{array}$$

Exercise - 6.3

Problem Fun :

$$\begin{array}{r}
 \text{1. H T O} \\
 9 \ 9 \ 9 \\
 - 5 \ 8 \ 9 \\
 \hline
 \text{Difference} = 4 \ 1 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{2. H T O} \\
 \textcircled{8} \textcircled{17} \textcircled{18} \\
 \cancel{9} \cancel{8} \cancel{8} \\
 - 6 \ 9 \ 9 \\
 \hline
 \text{Difference} = 2 \ 8 \ 9
 \end{array}$$

$$\begin{array}{r}
 \text{3. H T O} \\
 6 \ 7 \ 2 \\
 - 5 \ 4 \ 2 \\
 \hline
 \text{No. to be added} = 1 \ 3 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{4. No. of notebooks Th H T O} \\
 \text{and pens} = 5 \ 5 \ 0 \ 0 \\
 \text{No. of pens} = - 4 \ 5 \ 0 \ 0 \\
 \hline
 \text{No. of notebooks} = 1 \ 0 \ 0 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{Th H T O} \\
 5. \text{ No. of hens} = \begin{array}{r} 3 \ 5 \ 4 \ 0 \\ - \ 2 \ 2 \ 0 \\ \hline 3 \ 3 \ 2 \ 0 \end{array} \\
 \text{No. of hens died} = \\
 \text{No. of hens left} =
 \end{array}$$

$$\begin{array}{r}
 \text{Th H T O} \\
 6. \begin{array}{r} \textcircled{7} \textcircled{10} \\ 7 \ 8 \ 8 \ 8 \\ - 4 \ 4 \ 2 \ 7 \\ \hline 3 \ 4 \ 5 \ 3 \end{array} \text{ Number}
 \end{array}$$

$$\begin{array}{r}
 \text{Th H T O} \\
 7. \text{ Total no. of toys} \begin{array}{r} \textcircled{6} \textcircled{10} \\ \text{produced} = 7 \ 8 \ 9 \ 0 \\ \text{No. of toys packed} = - 4 \ 9 \ 9 \ 0 \\ \hline \text{No. of toys unpacked} = 2 \ 1 \ 0 \ 0 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{Th H T O} \\
 8. \text{ No. of wheat bags} = \begin{array}{r} \textcircled{3} \textcircled{13} \\ 2 \ 4 \ 3 \ 4 \\ \text{No. of wheat bags sold} = - 2 \ 3 \ 5 \ 4 \\ \hline \text{No. of bags left} = 0 \ 0 \ 8 \ 0 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{Th H T O} \\
 9. \begin{array}{r} 9 \ 9 \ 9 \ 9 \\ - 1 \ 0 \ 0 \ 0 \\ \hline \end{array} \\
 \text{Difference} = 8 \ 9 \ 9 \ 9
 \end{array}$$

Exercise- 6.4

- (a) $395 - 200 + 5543$
 $= 395 + 5543 - 200$
 $= 5938 - 200 = 5738$
 (b) $2000 - 500 + 400$
 $= 2000 + 400 - 500$
 $= 2400 - 500 = 1900$
 (c) $7896 + 1000 - 2003$
 $= 8896 - 2003 = 6893$
 (d) $5729 - 500 - 400 + 1020$
 $= 5729 + 1020 - (500 + 400)$
 $= 6749 - 900 = 5849$
- (a) $(678 + 900) - (100 + 200)$
 $= 1578 - 300 = 1278$
 (b) $(5986 - 2003) + (3039 - 100)$
 $= 3983 + 2939 = 6922$
 (c) $(7395 - 2340) - 2000$
 $= 5055 - 2000 = 3055$
 (d) $(4592 - 1000) + 5549$

$$= 3592 + 5549 = 9141$$

- $(2439 + 4239)$
 $= 6678 - 3759 = 2919$
- $9999 - (999 + 99)$
 $= 9999 - 1098 = 8901$
- $8096 - (1076 + 4606)$
 $= 8096 - 5682 = 2414 \text{ Men}$
- $8960 - (1060 + 1250 + 3200)$
 $= 8960 - 5510 = 3450$
- $(9999 - 4244) + 4826$
 $= 5755 + 4826 = 10581$
- $(9980 + 4832) - 7854$
 $= 14812 - 7854$
 $= 6958 \text{ remaining computers}$

Multiplication

Exercise- 7.1

- (a) $11 \times 2 = 22$ (b) $15 \times 3 = 45$
 (c) $16 \times 3 = 48$ (d) $17 \times 2 = 34$
 (e) $19 \times 9 = 171$ (f) $20 \times 1 = 20$
- (a) $16 \times 3 = 48$ (b) $17 \times 2 = 34$
 (c) $19 \times 3 = 57$ (d) $15 \times 5 = 75$
 (e) $14 \times 9 = 126$ (f) $8 \times 15 = 120$

Exercise- 7.2

Problem fun :

- Total number of children = 13
 No. of toffees each child got = 8

$$\begin{array}{r}
 1 \ 3 \\
 \times 8 \\
 \hline
 10 \ 4
 \end{array}$$
 Total toffees distributed = 104
- No. of wheels in a bus = 6
 Total buses = 12

$$\begin{array}{r}
 1 \ 2 \\
 \times 6 \\
 \hline
 7 \ 2
 \end{array}$$
 Wheels required for 12 buses = 72
- No. of oranges in a basket = 18
 No. of baskets = 4

$$\begin{array}{r}
 1 \ 8 \\
 \times 4 \\
 \hline
 7 \ 2
 \end{array}$$
 Oranges in all baskets = 72
- Total rows = 12
 Seats in each row = 9

$$\begin{array}{r}
 1 \ 2 \\
 \times 9 \\
 \hline
 10 \ 8
 \end{array}$$
 Total seats = 108

5. Total students = 14

No. of books each student has = 8

$$\begin{array}{r} 14 \\ \times 8 \\ \hline \end{array}$$

Total books = 112

Exercise- 7.3

- (a) $7 \times 9 = 63$ (b) $4 \times 5 = 20$
(c) $6 \times 3 = 18$ (d) $4 \times 3 = 12$
(e) $2 \times 7 = 14$ (f) $8 \times 9 = 72$
- (a) $5 + 5 + 5 + 5 = 20$
(b) $2 + 2 + 2 + 2 + 2 + 2 = 12$
(c) $4 + 4 + 4 + 4 + 4 + 4 = 24$
(d) $3 + 3 = 6$
(e) $8 + 8 + 8 + 8 = 32$

Exercise 7.4

- (a) $\begin{array}{r} \text{T O} \\ \textcircled{2} \\ 24 \\ \times 5 \\ \hline 120 \end{array}$ (b) $\begin{array}{r} \text{T O} \\ \textcircled{2} \\ 27 \\ \times 4 \\ \hline 108 \end{array}$ (c) $\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 82 \\ \times 8 \\ \hline 656 \end{array}$ (d) $\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 44 \\ \times 4 \\ \hline 176 \end{array}$
- (a) $86 \times 2 = 172$ (b) $48 \times 6 = 288$
(c) $89 \times 4 = 356$ (d) $99 \times 9 = 891$
(e) $28 \times 4 = 112$ (f) $34 \times 3 = 102$

Exercise- 7.5

- (a) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{2} \\ 235 \\ \times 4 \\ \hline 940 \end{array}$ (b) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 446 \\ \times 2 \\ \hline 892 \end{array}$ (c) $\begin{array}{r} \text{H T O} \\ \textcircled{4} \textcircled{3} \\ 587 \\ \times 5 \\ \hline 2935 \end{array}$
(d) $\begin{array}{r} \text{H T O} \\ \textcircled{6} \textcircled{4} \\ 386 \\ \times 8 \\ \hline 3088 \end{array}$ (e) $\begin{array}{r} \text{H T O} \\ \textcircled{2} \textcircled{3} \\ 556 \\ \times 5 \\ \hline 2780 \end{array}$ (f) $\begin{array}{r} \text{H T O} \\ \textcircled{4} \textcircled{3} \\ 596 \\ \times 5 \\ \hline 2980 \end{array}$
- (a) $123 \times 2 = 246$ (b) $891 \times 1 = 891$
(c) $459 \times 2 = 918$ (d) $459 \times 3 = 1377$
(e) $543 \times 3 = 1629$ (f) $789 \times 3 = 2367$
(g) $234 \times 3 = 702$ (h) $317 \times 8 = 2536$
(i) $211 \times 2 = 422$ (j) $587 \times 2 = 1174$
(k) $785 \times 5 = 3925$ (l) $634 \times 8 = 5072$

Exercise- 7.6

Multiply the following numbers using grouping method :

- $(2 \times 3) \times 4 = 24$
- $(3 \times 4) \times 5 = 60$
- $(6 \times 7) \times 5 = 210$
- $(5 \times 4) \times 2 = 40$
- $(8 \times 2) \times 3 = 48$
- $(6 \times 3) \times 6 = 108$
- $(7 \times 4) \times 4 = 112$
- $(7 \times 2) \times 4 = 56$
- $(9 \times 2) \times 1 = 18$

Exercise- 7.7

Multiply the following :

- $53 \times 10 = 530$
- $78 \times 10 = 780$
- $165 \times 10 = 1650$
- $256 \times 10 = 2560$
- $13 \times 100 = 1300$
- $78 \times 100 = 7800$
- $98 \times 100 = 9800$
- $38 \times 100 = 3800$

Exercise- 7.8

Multiply the following :

- $34 \times 20 = 680$
- $56 \times 40 = 2240$
- $9 \times 70 = 630$
- $7 \times 200 = 1400$
- $13 \times 30 = 390$
- $8 \times 90 = 720$
- $2 \times 500 = 1000$
- $9 \times 60 = 540$

Exercise- 7.9

- No. of chocolates in a bag = 675
No. of bags = 18

$$\begin{array}{r} \text{H T O} \\ \textcircled{6} \textcircled{4} \\ 675 \\ \times 18 \\ \hline 5400 \\ 675 \times \\ \hline 12150 \end{array}$$

Total of chocolates =

2. No. of pencils in a packet = 250

No. of packets = 8

$$\begin{array}{r} \text{H T O} \\ \textcircled{4} \\ 250 \\ \times 8 \\ \hline 2000 \end{array}$$

Total no. of pencils =

3. No. of candles in a packet = 600

No. of packets = 7

$$\begin{array}{r} \text{H T O} \\ 600 \\ \times 7 \\ \hline 4200 \end{array}$$

Total no. of candles =

4. and 5: Do same as above

Exercise- 7.10

1. (a) T O (b) T O

$$\begin{array}{r} \textcircled{1} \\ 57 \\ \times 62 \\ \hline 114 \\ 342 \times \\ \hline 3534 \end{array}$$

$$\begin{array}{r} 93 \\ \times 12 \\ \hline 186 \\ 93 \times \\ \hline 1116 \end{array}$$

- (c) T O

$$\begin{array}{r} \textcircled{2} \\ 79 \\ \times 33 \\ \hline 237 \\ 237 \times \\ \hline 2607 \end{array}$$

- (d) T O

$$\begin{array}{r} \textcircled{1} \\ 49 \\ \times 82 \\ \hline 98 \\ 392 \times \\ \hline 4018 \end{array}$$

(e) to (g): Do same as above

2. (a) 0 (b) 798 (c) 0 (d) 5876 (e) 58
(f) 32 (g) 79 (h) 98 (i) 98 (j) 893

Exercise- 7.11

Problem Fun :

1. No. of people a bus can carry = 99

No. of buses = 25

$$\begin{array}{r} \text{T H} \\ \textcircled{4} \\ 99 \\ \times 25 \\ \hline 495 \\ 198 \times \\ \hline 2475 \end{array}$$

Total no. of people =

2. No. of tables in a class = 36

No. of classrooms = 5

$$\begin{array}{r} \text{T H} \\ \textcircled{3} \\ 36 \\ \times 5 \\ \hline 180 \end{array}$$

Total no. of tables =

3. No. of apples in a basket = 106

No. of baskets = 36

$$\begin{array}{r} \text{H T O} \\ \textcircled{3} \\ 106 \\ \times 36 \\ \hline 636 \\ 318 \times \\ \hline 3816 \end{array}$$

Total no. of apples =

4. No. of pages in a book = 320

No. of books = 49

$$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 320 \\ \times 49 \\ \hline 2880 \\ 1280 \times \\ \hline 15680 \end{array}$$

Total no. of pages =

5. No. of rows = 130

No. of chairs in a row = 35

$$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 130 \\ \times 35 \\ \hline 650 \\ 390 \times \\ \hline 4550 \end{array}$$

Total no. of chairs =

6. Rohan's one Month salary = ₹ 750

No. of months = $2 \times 12 = 24$

$$\begin{array}{r} \text{H T O} \\ \textcircled{2} \\ 750 \\ \times 24 \\ \hline 3000 \\ 1500 \times \\ \hline 18000 \end{array}$$

Total amount earned =

7. 1 week = 7 days

No. of weeks = 287

$$\begin{array}{r}
 \text{H T O} \\
 \text{⑥ ④} \\
 287 \\
 \times 7 \\
 \hline
 2009
 \end{array}$$

No. of days =

8. and 9. Do same as above.

Multiple Choice Questions :

1. (d) 95 2. (a) 1248 3. (b) 59
4. (a) ₹105

SCIENCE

1. Living and Non-Living Things

- A. 1. c 2. a 3. b 4. b 5. c
B. 1. stay 2. animal flesh 3. plants 4. surroundings 5. stomata
C. 1. ✓ 2. ✓ 3. ✓ 4. ✗ 5. ✓
D. 1. Living things have are living things. 2. All living things have flying or swimming. 3. All living things grow big plant or a tree. 4. Mosquito eggs a mosquito. 5. Natural things — Soils Mountains and water. Man-made things— Chair, table and paper.

Reasoning Time

1. They expand due to the moisture contained in the air and subsequently make it difficult to open and close. 2. Our sense organs.

2. Parts of a Plant

- A. 1. a 2. c 3. b 4. b 5. c
B. 1. standing 2. roots 3. flat, broad 4. stomata 5. leaves
C. 1. ✓ 2. ✓ 3. ✗ 4. ✓ 5. ✗
D. 1. In a fibrous root, from the soil. 2. One of the main turmeric, etc. 3. Most plants have green green plants. 4. Air, water and sunlight. 5. The seeds grow edible seeds.

Reasoning Time

1. Do yourself. 2. Do yourself.

3. Eating Habits of Animals

- A. 1. c 2. b 3. a 4. b 5. a
B. 1. flesh 2. Mosquito, leech 3. kind 4. Snakes, frogs 5. bear
C. 1. c 2. d 3. a 4. e 5. b
D. 1. To live, grow and remain healthy. 2. To tear flesh. 3. Snakes swallow their prey. 4. The animals like cows, buffaloes called chewing the cud.
E. 1. Rabbit 2. Mouse 3. Spider 4. Giraffe

Reasoning Time

Because human beings eat both plants and flesh of animals.

4. Birds

- A. 1. a 2. a 3. a 4. a 5. b
B. 1. Hens 2. warm 3. strong, hooked 4. sharp, nuts 5. Swallowers
C. 1. It enables birds to fly. 2. Ostrich, kiwi and penguin. 3. Webbed feet in which the with skin. 4. Short and broad beak.

Reasoning Time

1. It would not be able to make a hole in the bark of the tree. 2. Their toes are locked around the branch while sleeping.

5. Soil

- A. 1. b 2. a 3. b 4. a 5. b
B. 1. ✓ 2. ✓ 3. ✗ 4. ✗ 5. ✓
C. 1. c 2. e 3. a 4. b 5. d
D. 1. Soil is formed by called weathering. 2. Humus, clay and sand. 3. Loamy soil. 4. Size of sand particles. 5. Humus contains dead and decayed remains of plants and animals.

Reasoning Time

Sand is made up of broken down rocks while soil contains broken down rocks and organic matter.

6. States of Matter

- A. 1. b 2. b 3. b 4. b 5. b 6. a 7. b

- B. 1. space 2. Matter 3. shape
4. three 5. evaporation
6. condensation 7. rain gauge

C. 1. c 2. a 3. b 4. e 5. d

D. 1. ✗ 2. ✓ 3. ✓ 4. ✗ 5. ✓

E. 1. Anything which called matter. 2. Solid, liquid and gas. 3. Liquid 4. Change of water into water vapour. 5. An apparatus to measure rain.

Reasoning Time

1. Pencil is a solid while water is a liquid. 2. The unit weight per volume of oil, or density, is less than that of water.

SOCIAL SCIENCE

1. The Earth and the Solar System

A. 1. b 2. c 3. a 4. a 5. b

B. 1. Sun 2. Milky Way 3. 71% 4. flat 5. water

C. 1. ✗ 2. ✓ 3. ✗ 4. ✓ 5. ✗

D. 1. The Earth is shaped like a ball but is slightly fattened at the top and the bottom. 2. The Earth consists of land, air and water. 3. Rotation is the movement because of which we have days and nights. 4. Revolution is the movement of the Earth around the Sun while spinning on its axis. 5. The oxygen in the atmosphere is essential for life.

IQ Question

Earth

2. How Does the Earth Look?

A. 1. c 2. b 3. b 4. b

B. 1. Globe 2. Maps 3. landmasses, water bodies 4. Pacific 5. valley

C. 1. ✗ 2. ✗ 3. ✓ 4. ✗ 5. ✗

D. 1. Three-dimensional scale model of the Earth 2. Maps can be weather patterns. 3. Continents make up planet Earth

while a oceans. 4. There are seven continents in the of their sizes. 5. The four oceans are the Pacific Ocean, the Atlantic Ocean, the Indian Ocean and the Arctic Ocean.

IQ Question

Because 70% of Earth is surrounded by water.

3. India: Physical Features

A. 1. a 2. a 3. b 4. a

B. 1. seventh 2. Northern India 3. Mount Everest 4. triangular 5. the Great Indian Desert

C. 1. b 2. d 3. e 4. a 5. c

D. 1. ✗ 2. ✓ 3. ✗ 4. ✗

E. 1. A mountain is a very high area of land with steep slopes. A plateau is an area of fairly level high ground. 2. Rocky and uneven surface. 3. Mount Everest 4. The southern part of India a peninsula.

IQ Questions

1. Due to lack of water and hot weather. 2. Do yourself.

4. States of India: At a Glance

A. 1. a 2. b 3. a 4. a

B. 1. 15 August, 1947 2. 28, 9 3. Central 4. separate territories 5. Uttar Pradesh

C. 1. Do yourself. 2. Chhattisgarh–Raipur, Uttarakhand–Dehradun and Jharkhand– Ranchi 3. The union territories are directly under the control of the central government and each state has its own elected government. 4. Chandigarh

IQ Questions

1. To protect the individual rights of its citizens. 2. Do yourself.

5. Our Costumes

A. 1. a 2. a 3. a 4. a

- B.** 1. cover, protect 2. phiran
3. mundu 4. Rajasthan
- C.** 1.e 2.c 3.d 4.b 5.a
- D.** 1. To cover our body wind and rain. 2. Saree 3. Colourful shawls 4. Men wear Sherwani-Pyjama and women wear Lehnga-Chunari.

IQ Questions

1. Woollen clothes 2. Light cotton clothes

6. Our Festivals

- A.** 1. c 2. a 3. a 4. a
- B.** 1. 26 January 2. Kerala 3. Diwali 4. West Bengal 5. Pongal
- C.** 1. b 2. a 3. e 4. c 5. d
- D.** 1. We celebrate the Republic Day on 26 January because on this day India adopted our constitution. 2. By going out, wearing her full of joy. 3. On Diwali, Goddess crackers and fireworks. 4. Do yourself. 5. On Holi, we sing and dance on each other.
- E.** 1. The Independence Day, the Republic Day and Gandhi Jayanti 2. Buddha Purnima and Mahavira Jayanti. 3. Sun God 6. On the birthday of tenth Sikh Gurus.

IQ Questions

1. and 2. Do yourself.

GENERAL KNOWLEDGE

1. Major Insects

- ♦ 1. Wasp 2. Honeybee 3. Dragonfly 4. Mosquito 5. Ladybird 6. Dark bee
- ♦ 1. moth, butterfly 2. Honeybee 3. mosquito 4. Termite 5. cholera

2. Group of Animals

- ♦ 1. (c) 2. (a) 3. (b) 4. (d)
- ♦ 1. (c) 2. (d) 3. (a) 4. (b)

3. Animal Quiz-I

- ♦ 1. Sea turtles 2. burrow 3. Polar

- bear, reindeer 4. Giraffe 5. Cheetah 6. Tortoise 7. Tiger 8. Hares 9. Sloth 10. Elephant 11. Dinosaurs 12. Snake

4. Animal Quiz-II

- ♦ 1. Zebra 2. Cheetah 3. Giraffe 4. Peacock 5. Elephant 6. Tortoise
- ♦ 1. Gibbon 2. Baboon 3. Gorilla 4. Chimpanzee

5. Food and Nutrition

- ♦ 1. energy 2. nutrients 3. tastier 4. 8-10 5. stale, uncovered 6. nutrients
- ♦ (a) Egg, Pulses (b) Rice, Wheat (c) Fruits, Vegetables (d) Beans, Fish (e) Cabbage and Spinach (f) Fruits, Nuts

6. Classification

- ♦ 1. Spices 2. Grains 3. Roots 4. Leaves 5. Milk products 6. Fruits 7. Stems 8. Flowers 9. Seeds 10. Beverages 11. Bakery products 12. Dry fruits ♦ (a) Lemon (b) Orange (c) Sweet lime

7. Nicknames

- ♦ 1. Japan 2. Norway 3. Cuba 4. Finland 5. Thailand 6. New York 7. Rome 8. Mumbai 9. Australia 10. Punjab 11. Jaipur 12. Chicago 13. Rome 14. Korea 15. Switzerland

8. Divine Land

- ♦ 1. Makkah 2. Lumbini 3. Talwandi 4. Kundalpur 5. Ayodhya 6. Bethlehem 7. China 8. Egypt 9. Mathura

9. Diverse Questions

- ♦ 1. Yugoslavia 2. Japan 3. France 4. Denmark 5. Britain 6. Buckingham Palace 7. U.K. 8. Russia 9. Vatican City 10. President of America 11. Bangkok 12. Egypt

10. First in Space

- ♦ 1. Sirius 2. Sputnik-I 3. Mercury

4. Yuri Gagarin 5. Valentina
6. Mercury, Venus 7. Moon
8. Kalpana Chawla 9. 79 10. Pluto
11. Jupiter 12. Sun

11. Professions and Dresses

- ♦ 1. Police 2. Farmer 3. Doctor
4. Porter 5. Army official
6. Postman 7. Lawyer

12. Means of Communication

- ♦ 1. (a) Public Call Office
(b) Subscriber Trunk Dialing
(c) International Subscriber Dialing
(d) Short Message Service
(e) Electronic Mail (f) Facsimile
(g) Modulator Demodulator
2. Telephone 3. Voicemail box
4. Xerox machine 5. mobile phone
6. FAX

13. Games

- ♦ 1. Skiing 2. Baseball 3. Bowling
4. Rowing 5. Boat racing
6. Gymnastics 7. Fencing
8. Horse riding 9. Golf
10. Parachuting 11. Polo
12. Car racing

14. Sports Glossary

- ♦ 1. Badminton 2. Basketball
3. Billiards 4. Chess 5. Football
6. Swimming 7. Tennis 8. Hockey
9. Golf 10. Shooting 11. Baseball
12. Boxing 13. Cricket 14. Polo
15. Wrestling

15. States and Dances

- ♦ 1. Tamil Nadu 2. Kerala
3. Northern India 4. Manipur
5. Odisha 6. Punjab 7. Meghalaya
8. Nagaland

16. Countries and Languages

- ♦ 1. English 2. Spanish 3. Arabic
4. Japanese 5. French 6. Bangla
7. Dutch 8. Greek 9. Polish
10. Persian

MORAL

1. Honesty

1. (a) Chintu was going to Nehru Palace from Laxmi Nagar. (b) The person boarded out at Appu Ghar. (c) Chintu found a wallet below the seat. (d) Chintu wanted to return the wallet to that person, so he started searching his address in the wallet. (e) The principal applauded Chintu for his honesty.
2. (a) False (b) False (c) True (d) False (e) False
3. (a) Honesty is the best policy.
4. and 5. Do yourself.

2. The Habit of Saving

1. (a) Everything was looking shortage of food. (b) One grasshopper used and roaming. (c) The grasshopper laughed at the ant because according to him ants should also have fun instead of working so hard. (d) The grasshopper went to ant's house to seek help. (e) The ant replied to spend the winters dancing away.
2. (a) good (b) hard (c) Slowly (d) eat (e) danced

3. Snake and the Farmer

1. (a) The farmer saw the snake outside a hole. (b) The farmer gave milk to the snake because he thought that the snake was kind and it did not bite him. (c) The farmer found a gold coin in the vessel. (d) The farmer's son thought that the snake's hole is definitely filled with gold coins. So, he decided to kill the snake and take all the coins at once. (e) Next day, he took your greedy son.
2. (a) farmer (b) shade (c) furious (d) kind (e) friends

3. (a) land. (b) of honesty. (c) because of his son's foolishness. (d) got better. (e) another village.

COMPUTER

1. Computer: An Introduction

- A. 1. False 2. True 3. False 4. True
 B. 1. electronic 2. data 3. input 4. parts
 C. 1. Computer is called electronic data processing machine because it requires electricity to work and makes our work fast and accurate. 2. Computer is also called dumb machine because it does not work without our instructions or commands. 3. To keep accounts forecast the weather. 4. It is very hard our work easy.

2. Starting and Shutting Down the Computer

- A. 1. beep 2. icons 3. Desktop 4. Log off 5. user name, password
 B. 1. If the computer is not shut down next time. 2. After some -time the screen files are kept 3. To start a computer monitor and speakers. 4. After closing all the programs shutting down. 5. Close the program properly main power switch.

3. Operating System and CPU

- A. 1. Windows 2. icons 3. Recycle Bin 4. Taskbar 5. Triangular 6. CU, ALU
 B. 1. It is the collection of work on computer. 2. Icons are the small pictures present on the desktop. 3. The parts of computer that you can touch are called hardware. Examples- mouse and monitor. 4. It controls the flow different processes. 5. CPU is called the brain of the computer

because it operates and controls all the work of the computer.

- C. Do yourself.

4. Input Devices

- A. 1. False 2. True 3. True 4. True
 B. 1. instructions 2. pointer 3. digital 4. clicking
 C. 1. The equipments through which scanner, microphone, etc. 2. The process of pressing the buttons on the mouse is called clicking 3. Mouse pad 4. With the help of light pen type of pictures. 5. By putting the picture make changes to it.
 D. Do yourself.

5. Keyboard

- A. 1. data, instructions 2. typewriter 3. Spacebar key 4. Shift key, Caps Lock key 5. Backspace key, Delete key
 B. 1. 10 2. 26 3. 24 4. 45 5. 12
 C. 1. It is pressed to bring the cursor to the next line while typing. 2. It is used for issuing some special control instruction to the computer. 3. It is used to leave further space between words and paragraphs. 4. It is used to work/operate with the second group of number keys. 5. It is used to write all the letters in capital.
 D. Do yourself.

हिन्दी

1. चिड़िया, तुम ऐसा करना

- (क) 1. कवि, कविता में चिड़िया से पंख में भरकर, थोड़ी-सी हवा गाँव की लाने को कह रहा है। 2. कवि, चिड़िया से बच्चों की कुछ शैतानी अपने तन में भरकर लाने को कहता है। 3. कवि, चिड़िया से गाँव की झलक दिखाने के लिए इसलिए कहता है क्योंकि अब तक कवि ने गाँव के बारे में केवल

पुस्तकों में ही पढ़ा है। 4. कवि ने गाँव के बारे में वहाँ की हरियाली, पोखर, बच्चों की शैतानियों के बारे में पढ़ा है।

- (ख) 1. दी गई पक्तियों में कवि चिड़िया से चोच में गाँव के तालाब का थोड़ा जल भरकर लाने को कह रहा है। 2. कवि चिड़िया से कहता है कि गाँव के बच्चों कि कुछ शैतानियाँ अपने मन में भरकर ले आना। 3. कवि चिड़िया से कहता है कि हमें शहर में ही गाँव का सुंदर दृश्य दिखाकर, गाँव का एहसास कराना।

भाषा-बोध

- (क) स्वयं कीजिए। (ख) स्वयं कीजिए।

2. लालच के कड़वे फल

- (क) 1. बाला और मरदाना 2. गुरु नानकदेव जी कुछ व्यवस्था भी साथ लेकर न चलते थे। 3. रीठा 4. पहली बार खाने मीठे लगे। 5. मरदाना ने लालच रख लिए थे। 6. दूसरी बार खाने रीठे खाए। 7. मरदाना ने गुरु नानक जी माँगनी पड़ी।

- (ख) 1. कपड़े 2. रीठे 3. भूख 4. मिश्री 5. लालच

- (ग) 1. ✓ 2. ✓ 3. ✓ 4. ✗ 5. ✗

- (घ) 1. द 2. य 3. अ 4. ब 5. स

भाषा-बोध

- (क) कठिन, क्रोध, निकट, हल्का, मीठा, अनादर

- (ख) माफी, जहर, हैरान, नतीजा, पेड़, वन

- (ग) स्वयं कीजिए।

3. नहीं काटना मुझको भाई!

- (क) 1. यह पेड़ों के द्वारा हमें कहा जा रहा है। 2. फल, सब्जी, जड़ी-बूटियाँ, छाँह, ठंडी हवा। 3. पेड़ जन-जन में जीवन रस भरते हैं। 4. जड़ी-बूटियाँ दवा बनाने के काम आती हैं। 5. इस पंक्ति का भाव है कि पेड़ों को अपने पास लगाने से, जीवन की आस पूरित हो जाती है क्योंकि पेड़ हमें अन्य लाभकारी वस्तुएँ प्रदान करते हैं। (ख) स्वयं कीजिए।

भाषा-बोध

- (क) स्वयं कीजिए। (ख) स्वयं कीजिए

- (ग) वृक्ष, तरु, द्रुम; पवन, बयार, वायु; दिनकर, प्रभाकर, भानु

4. बुद्धिमान कौन

- (क) 1. धनी पुत्रों में लेना चाहता था। 2. पुत्रों की परीक्षा लेने कि घर भर जाए। 3. बड़ा बेटा भूसे घर भर जाएगा। 4. छोटे बेटे ने दस सारा घर भर दिया। 5. घर को मोमबतियों देश सेवा में लगा दें।

- (ख) 1. नहीं 2. हाँ 3. हाँ 4. हाँ 5. हाँ

- (ग) स्वयं कीजिए।

- (घ) 1. बेटे 2. अस्वस्थ 3. परीक्षा 4. एक 5. पिता

भाषा-बोध

- (क) स्वयं कीजिए।

- (ख) पास, दोबारा, लगातार, खुश, वृद्धि, चकित

- (ग) परीक्षा, मोमबत्ती, संपत्ति, नागरिक, चरित्र, व्यक्ति

- (घ) पुल्लिंग, स्त्रीलिंग, पुल्लिंग, स्त्रीलिंग, पुल्लिंग, पुल्लिंग

5. चंद्रशेखर आजाद

- (क) 1. चंद्रशेखर आजाद का में हुआ था। 2. देश के सपूतों सीने पर खाई थी। 3. चंद्रशेखर आजाद बड़े साहसी थे। 4. अंग्रेज अधिकारी आजाद को क्रोध आया। 5. अंग्रेज अधिकारी जब दंड मिला। 6. 27 फरवरी, 1929, इलाहाबाद।

- (ख) 1. गरीब 2. अत्याचार 3. कष्ट 4. नंगे 5. वीर

- (ग) 1. ✗ 2. ✓ 3. ✓ 4. ✗ 5. ✓

भाषा-बोध

- (क) अधिकारी, पुलिस, मूर्ति, सिपाही, निडर, परिवार

- (ख) एकवचन- गोली, बेंत

बहुवचन- बोलियाँ, मूर्तियाँ, ठेले, कुर्सियाँ

(ग) से (ङ) स्वयं कीजिए।

6. चाँद का कुर्ता

(क) 1. चाँद ने हठ करके एक दिन माँ से ऊन का मोटा एक झिंगोला सिलवाने को कहा। 2. चाँद ने अपनी माँ को बताया कि ठिठुर- ठिठुरकर किसी तरह यात्रा पूरी करता हूँ। आसमान का सफर, और यह मौसम है जाड़े का। 3. माँ ने चाँद को उत्तर दिया कि, “एक नाप में कभी नहीं, तुझको देखा करती हूँ। अब तू ही यह बता, नाप तेरा किस रोज़ लिवाएँ? 4. माँ एक नाप का कपड़ा चाँद के लिए इसलिए नहीं सिलावा पाती थी क्योंकि चाँद कभी एक अंगुलभर चौड़ा, कभी एक फुट मोटा। किसी दिन बड़ा हो जाता है, और किसी दिन छोटा। चाँद का नाप रोज़ बदलता रहता है।

(ख) 1. दी गई पक्तियों में चाँद माँ से कहता है कि माँ अब यह मौसम सर्दी का है, अगर अपने पास कोई झिंगोला न हो कोई कुर्ता ही लाकर दे दो मुझे किराए का। 2. दी गई पक्तियों में माँ चाँद से कहती है कि सर्दी की परेशानी तो मैं समझती हूँ, पर मैं क्या करूँ कपड़े किस नाप के सिलवाऊ क्योंकि रोज़ देखती हूँ तो तेरा नाप बदल जाता है। 3. दी गई पक्तियों में माँ चाँद से कहती है कि मैं तो डरती हूँ, अब तू ही बता दे कि किस दिन तेरा नाप लिया जाए? जिससे मैं तेरे लिए एक ऐसा झिंगोला सिलवा दूँ जो तू रोज़ पहन सके।

भाषा-बोध

(क) स्वयं कीजिए।

(ख) चंद्रमा, शशि, हिमकर; रात्रि, रजनी, निशा; मैया, माता, जननी; ईश्वर, परमेश्वर, प्रभु

(ग) स्वयं कीजिए।

(घ) बड़ा, अकुशल, घटना, गर्मी, रात, पतला

7. क्रिसमस का संदेश

(क) 1. घर पहुँचने पर मम्मी आ पा

रहे हैं। 2. मम्मी ने जार्ज और लाने को भेजा। 3. मार्ग में मिले सांता कुछ माँग रहा है। 4. मारिया और जार्ज पैसे दे दिए। 5. शाम के समय मारिया के घर गया। 6. यह क्रिसमस अनूठा मित्र भी सम्मिलित थे।

(ख) 1. बच्चे 2. केक 3. घर 4. मित्र 5. घर

(ग) 1. य 2. द 3. अ 4. ब 5. स

(घ) 1. ✓ 2. ✓ 3. ✗ 4. ✗ 5. ✓ 6. ✓

भाषा-बोध

(क) प्रबंध, अनूठा, निर्मात्रित, सम्मिलित, आवश्यक, प्रारम्भ

(ख) पुल्लिंग, स्त्रीलिंग, पुल्लिंग, स्त्रीलिंग, पुल्लिंग, पुल्लिंग

(ग) फलवाला, चायवाला, गाड़ीवाला, सब्जीवाला, टोपीवाला, केलेवाला, कपड़ेवाला, बर्तनवाला

(घ) स्वयं कीजिए।

(ङ) स्वयं कीजिए।

8. एकलव्य की गुरुभक्ति

(क) 1. किसी वन में हिरण्यधेनु नाम था एकलव्य। 2. गुरुदेव ने एकलव्य सिखाते थे। 3. एकलव्य ने वन में की शिक्षा प्राप्त की। 4. गुरुदक्षिणा के रूप का अण्डा माँगा।

(ख) 1. भील 2. भील 3. धनुर्विद्या 4. अभ्यास 5. कीर्ति

(ग) 1. अ 2. स 3. य 4. द 5. ब

(घ) 4, 3, 5, 1, 2

भाषा-बोध

(क) आदिवासी, हस्तिनापुर, अभिलाषी, अर्पित

(ख) 1. हिरण्यधेनु 2. एकलव्य 3. हस्तिनापुर, मेरठ 4. द्रोणाचार्य

(ग) 1. आदिवासी 2. वर्ष 3. निम्नजाति

(घ) स्वयं कीजिए।