

CHAPTER-2

ESTIMATION

QUESTION BANK

- When rounded off to nearest thousands, the number 85642 is
 - (a) 85600
 - (b) 85700
 - (c) 85000
 - (d) 86000
- Choose the best estimate from the possible answers given:
 - (a) $3 \times 52 = (120, 150, 180)$
 - (b) $7 \times 31 = (210, 250, 280)$
 - (c) $2 \times 698 = (1000, 1200, 1400)$
 - (d) $2 \times 88 = (150, 180, 200)$
 - (e) $2 \times 75 = (140, 150, 160)$
 - (f) $4 \times 196 = (700, 800, 900)$
- State true or false
 - i) The number 85764 rounded off to nearest hundreds is written as 85700.
 - ii) Estimated sum of 7826 and 12469 rounded off to hundreds is 20,000.
- Estimate each of the following by rounding off to nearest hundred:
 - (a) $730 + 998$
 - (b) $796 - 314$
 - (c) $12,904 + 2,888$
 - (d) $28,292 - 21,496$
- Give a rough estimate (by rounding off to nearest hundreds) and also a closer estimate (by rounding off to nearest tens) :
 - (a) $439 + 334 + 4,317$
 - (b) $1,08,734 - 47,599$
 - (c) $8325 - 491$

(d) $4,89,348 - 48,365$

6. Estimate the following products to nearest hundred:

(a) 578×161

(b) 5281×3491

(c) 1291×592

(d) 45×21

(e) 334×97

(f) 9250×29

7. Estimate the product to nearest ten :

(a) 38×7

(b) 45×67

(c) 225×8

(d) 48×73

(e) 602×45

(f) 715×377

8. Find the estimated sum of 4,380 and 18,765 to the nearest thousand.

9..Estimate the sums by rounding off to the nearest thousands

i) $7789 - 569$

ii) $8976 + 4356$

iii) 5463×768

10. Find the largest number formed by the digits 4, 3, 0, 9, rounded off to the nearest thousand.

11. There are about 310 passengers in each car of the city train. As there are 8 cars for each train, there are about _____ passengers on each train.

a. 240 b. 2,400 c. 2,004

12. The first bus had 96 passengers and the second bus had 107 passengers. There are about _____ passengers into total.
a. 100 b. 150 c. 200

13. In the morning, there are about 452 planes taking off from the airport and 127 of the planes are delayed for more than 15 minutes. About _____ planes take off within 15 minutes of the scheduled time.
a. 450 b. 130 c. 330

14. The distance between two bus terminals is 390 km. It takes the bus 4 hours to go from one terminal to another. The speed of the bus is about _____ km per hour.
a. 100 b. 10 c. 386

15. In a city, there are 45,960 electric cars and 96,113 gas cars. There are about _____ more gas cars than electric cars.
a. 5,000 b. 50,000 c. 5,100

16. A pilot flies 5 trips totaling 7,531 miles in a day. Each trip is about _____ miles.
a. 1,500 b. 2,500 c. 150

17. List all the numbers which can be rounded off to 30.

18. List all the numbers which can be rounded off to 50.

19. Write the smallest and the largest numbers which are rounded off to 90.

20. Write the smallest and the largest numbers which are rounded off to 130.

High Order Thinking Skills (HOTS)

21. The sum of my digits is 12. When rounded off to the nearest hundred. I am 500. Rounding to the nearest 10 makes me 530. What am I?

Answer the following by estimating.

22. The headline read “A MILLION VOTED TODAY.” Actually 90,018 people voted each hour for 12 hours. Did the newspaper give a sensible account of the number of votes cast in the election?

