Average Practice

20 Minutes – (Don't skip any questions)

1) The average temperature for Monday, Tuesday and Wednesday was 40 ℃. The average for Tuesday, Wednesday and Thursday was 41 ℃, that for Thursday being 42 ℃. What was the temperature on Monday?
   A. 42 ℃   B. 41 ℃   C. 40 ℃   D. 39 ℃   E. 38 ℃

2) The average weight of the 8 oarsmen in a boat is increased by 1 kg when one of the crew, who weighs 60 kg, is replaced by a new man. What is the weight of the new man?
   A. $65\,kg$ B. $68\,kg$ C. $70\,kg$ D. $72\,kg$ E. $74\,kg$

3) 13 sheep and 9 pigs were bought for $Rs.\,1291.85$. If the average price of a sheep is $Rs\,74$, what is the average price of a pig?
   A. 36.25   B. 36.35   C. 36.45   D. 36.55   E. 36.65

4) The average monthly expenditure of a family was $Rs.\,1050$ during 1st 3 months. $Rs.\,1260$ during next 4 months and $Rs.\,1326$ during last 5 months of the year. If the total saving during the year be $Rs.\,720$, find average monthly income.
   A. 1295   B. 1235   C. 1175   D. 1145   E. 1125

5) A train runs between two stations A and B. While going from A to B, its average speed is $100\,km/hr$. and when coming back from B to A, its speed is $150\,km/hr$. Find the average speed during the whole journey.
   A. 130   B. 125   C. 120   D. 115   E. *None*

6) The apples in a box weigh $4.92\,kg$. If the average weight of an apple is $98.4\,gm$, calculate the number of apples in the box.
   A. 65   B. 60   C. 55   D. 50   E. 40

7) A, B and C are three numbers, the average of A and B is 25; the average of B and C is 36 and the average of A and C is 19. Find the average of A, B and C.
   A. 22   B. $24\frac{1}{3}$ C. $26\frac{2}{3}$ D. 29   E. $31\frac{1}{3}$

8) In one week 12 men and 3 women earn a total of $4485. If the average wage for a woman is $95, find the average wage for a man.

   A. $280   B. $300   C. $350   D. $360   E. $410

9) A train travels for $1\frac{1}{2}$ hours at an average speed of $52\ km/hr$ and then for $2\frac{1}{2}$ hours at an average speed of $44\ km/hr$. Calculate the average speed for the whole journey.

   A. $55\frac{1}{2}km/hr$ B. $52\frac{1}{2}km/hr$ C. $50\ km/hr$ D. $47\ km/hr$ E. $45\frac{1}{2}km/hr$

10) A man leaves his house at $9.18\ a.m.$ and reaches a town $46\ km$ away, at $10.50\ a.m.$ Find his average speed in km/hr.

   A. 40   B. 38   C. 35   D. 30   E. *None*

11) A violinist practices for an hour daily from Monday through Friday. How many hours must she practice on Saturday so as to have an average of two hours a day for the six-day period?

   A. $5\ hrs.$ B. $6\ hrs.$ C. $7\ hrs.$ D. $8\ hrs.$ E. $9\ hrs.$

12) What is the average weight of the 5 people?

Name	Chris	Anne	Malcolm	Paul	Sam
Weight (lbs)	150	153	154	157	151

   A. 151   B. 152   C. 153   D. $153\frac{1}{2}$ E. $154\frac{1}{2}$

13) If the temperature readings at noon for 3 consecutive days are $+9\ °C$, $-6\ °C$ and $+8\ °C$, what must the reading be at noon on the 4th day for the average noon temperature of all 4 days to be $+4\ °C$?

   A. $-11°C$ B. $-7°C$ C. $+2°C$ D. $+4°C$ E. $+5°C$