Q1. A can do a piece of work in 10 days while B can do it in 15 days. How long will they take together?

A. 6 days
B. 5 days
C. 8 days
D. 10 days

Answer: B

Q2. A and B together can complete a task in 12 days. A alone can do it in 20 days. How long will B alone take?

A. 15 days
B. 20 days
C. 30 days
D. 25 days

Answer: C

Q3. A is twice as efficient as B. If B takes 20 days to complete a job, how many days will A take?

A. 10 days
B. 20 days
C. 30 days
D. 40 days

Answer: A

Q4. A can do a work in 18 days and B in 24 days. They work together for 4 days. How much work is left?

A. 5/9
B. 7/9
C. 11/18
D. 13/18

Answer: C

Q5. A, B, and C together finish a work in 8 days. A alone does half as much as B and C together. Find B's time alone.

A. 10 days
B. 12 days
C. 16 days
D. 20 days

Answer: C

Q6. A train 150 m long crosses a man walking at 6 km/h in the opposite direction in 6 seconds. Find train speed.

A. 54 km/h
B. 60 km/h
C. 72 km/h
D. 90 km/h

Answer: C

Q7. A car covers 360 km at a speed of 60 km/h. How long will it take?

A. 4 hours
B. 5 hours
C. 6 hours
D. 7 hours

Answer: C

Q8. A man runs at 12 km/h. How long will he take to cover 1.5 km?

A. 3 min
B. 5 min
C. 7.5 min
D. 10 min

Answer: A

Q9. A train crosses a pole in 10 seconds at 54 km/h. Find its length.

A. 100 m
B. 120 m
C. 150 m
D. 180 m

Answer: B

Q10. A boat travels 30 km downstream in 3 hours and upstream in 5 hours. Find speed of boat in still water.

A. 6 km/h
B. 8 km/h
C. 10 km/h
D. 12 km/h

Answer: B

Q11. A can do 20% of a work in 2 days. How many days to finish full work?

A. 8 days
B. 10 days
C. 12 days
D. 14 days

Answer: A

Q12. A and B working together finish a work in 16 days. B alone takes 24 days. Find A's time.

A. 36 days
B. 48 days
C. 64 days
D. 72 days

Answer: A

Q13. A motorbike increases its speed from 40 km/h to 60 km/h. How long to cover 100 km at new speed?

A. 1 hour
B. 1.25 hours
C. 1.5 hours
D. 2 hours

Answer: A

Q14. A boy walks 20 km at 5 km/h. Find time taken.

A. 2 hours
B. 3 hours
C. 4 hours
D. 5 hours

Answer: C

Q15. A pipe fills a tank in 6 hours while another empties in 9 hours. If both opened, how long to fill?

A. 12 hours
B. 10 hours
C. 18 hours
D. 15 hours

Answer: B

Q16. A 200 m train crosses a platform in 30 seconds at 72 km/h. Find platform length.

A. 150 m
B. 200 m
C. 250 m
D. 300 m

Answer: D

Q17. A does a work in 30 days, B in 45 days. They work for 10 days together. Remaining work?

A. 1/2
B. 5/9
C. 4/9
D. 2/3

Answer: C

Q18. Two trains moving opposite at 40 km/h and 60 km/h cross in 9 seconds. Find sum of lengths.

A. 220 m
B. 250 m
C. 300 m

D. 360 m

Answer: C

Q19. A man rows 16 km downstream in 2 hours and upstream in 4 hours. Find stream speed.

A. 1 km/h
B. 2 km/h
C. 3 km/h
D. 4 km/h

Answer: B

Q20. A machine produces 600 units in 4 hours. How many hours to produce 1500 units?

A. 7 hours
B. 8 hours
C. 10 hours
D. 12 hours

Answer: C