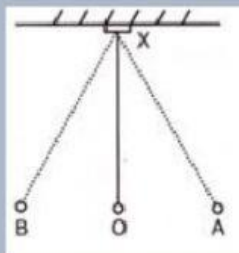


CLASS 7
MOTION AND TIME
PRACTICE WORKSHEET

1. Distance travelled by **T** truck is 80 km in one hour, whereas distance covered by truck **Y** is 180 km in 2 hours. Which truck travelled faster?

- a. Truck **T** is faster than truck **Y**
- b. Truck **Y** is faster than truck **T**.
- c. Both trucks **T** and **Y** moving with equal speed.
- d. Either (a) or (b).

2. Which letter among the following represents mean position of the pendulum?

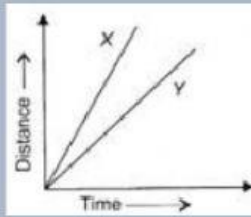


- a) A
- b) B
- c) O
- d) All of the above.

3. Raghu and Ram have to reach point C from point B. They started moving together from point B and reached point C at the same time but by taking two different paths. If the distance travelled by Ram is greater than that of Raghu then which of the following statements is/ are correct?

- a. Speed of Raghu is greater than speed of Ram.
- b. Speed of Ram is greater than speed of Raghu.
- c. Both Ram and Raghu were moving with equal speed.
- d. Both Ram and Raghu were at rest.

4. The figure shows the distance-time graph for the motion of two cars X and Y. which one of them is moving faster?



- a) X
- b) Y
- c) Both X and Y
- d) Neither X nor Y.

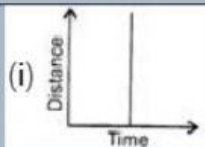
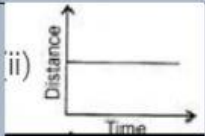
5. A car at 7.30 a.m is moving at a constant speed of 4 km/min and an odometer reading recorded is 28568 km. what would be the odometer reading at 9.15 a.m?

- a) 28673 km
- b) 28988 km.
- c) 29255 km.
- d) 28568 km.

6. A train leaves a station X at 5 pm and reached to another station Y at midnight. Its speed is 90 kmph. What is the distance between X and Y?

- a) 480km
- b) 800 km
- c) 630 km
- d) 830 km

7. Match the columns

Column A	Column B
a) Object moving with variable speed	(i) 
b) Object moving is at rest	(ii) 
c) The graph which is not possible	(iii) 
d) Object moving with constant speed	(iv) 