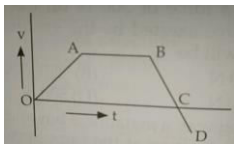


3. Which of the following element has the same molecular mass as its atomic mass?

- a) Nitrogen b) Oxygen
c) Neon d) Chlorine

HOTS

7. A plot of velocity versus time is shown in figure. A single force acts on the body. The correct statement is _____



- a) In moving from C to D, work done by the force on the body is positive. b) In moving from O to A, work is done by the body and is negative.
c) In moving from B to C, work done by the force on the body is positive. d) In moving from A to B, the body does work on the system.

8. The mass of moon is about 0.012 times that of earth and its diameter is about 0.25 times that of earth. The value of G on the moon will be _____

- a) Less than that on the earth b) Same as that on the earth
c) More than that on the earth d) About one-sixth of that on the earth

LOGICAL REASONING

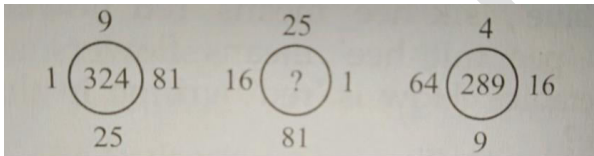
9. If 1st and 26th, 2nd and 25th, 3rd and 24th and so on, letters of English alphabet are paired then which of the following pairs is correct?

- a) CW b) IP
c) GR d) EV

12. Pointing towards Meena, Rajan said, "I am the only son of her mother's son." How is Meena related to Rajan?

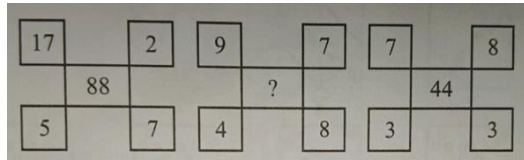
- a) Mother b) Aunt
c) Niece d) Cousin

10. Find the value of question mark (?) in the following questions:



- a) 361 b) 381
c) 369 d) 389

13. Find the value of question mark (?) in the following questions:



- a) 72 b) 75
c) 80 d) 90

11. How many days will be there from 26 th January 2008 to 15 th May 2008 if both days are included?

- a) 114 b) 113
c) 117 d) 111



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ANSWER KEY

- | | | | |
|-------|-------|-------|-------|
| 1. C | 2. C | 3. C | 4. B |
| 5. B | 6. C | 7. A | 8. B |
| 9. D | 10. C | 11. D | 12. B |
| 13. B | | | |

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