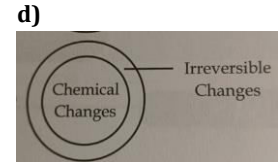
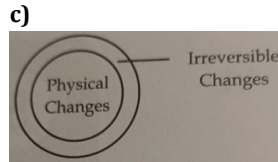




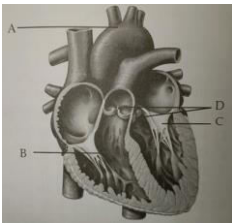
3. 1 cal is equal to \_\_\_\_\_

- a) 10 joules                      b) 4.18 joules  
c) 4.18 dynes                    d) none of these



## HOTS

7. Which part of human heart guards the opening of right atrium into right ventricle?



- a) A                                      b) B  
c) C                                      d) D

8. In which of the following parts of human body are sweat glands absent?

- a) Scalp                                      b) Armpits  
c) Lips                                        d) Palms

## LOGICAL REASONING

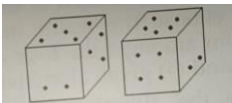
9. Sachin walks 20 km towards North. He turns left and walks 40 km. He again turns left and walks 20 km. Finally he moves 20 km after turning to the left. How far is he from his starting position?

- a) 20 km                                      b) 30 km  
c) 50 km                                      d) 60 km

12. Directions : In each of the following letter series, some of the letters are missing, which are given in such order as one of the alternatives below it. Choose the correct alternative. \_ op\_ mo\_ n \_ \_ pnmop\_.

- a) mnpmon                                      b) mnpnmop  
c) mnompn                                      d) mnpomn

10. Two positions of a dice are shown below. When 3 points are at the bottom, how many points will be at the top?

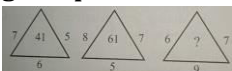


- a) 2    b) 5  
c) 4    d) 6

13. Pointing to a man on the stage, Ritu said, "He is the brother of the daughter of the wife of my husband." How is the man on the stage related to Ritu?

- a) Husband                                      b) Cousin  
c) Nephew                                        d) Son

11. Choose the appropriate number which follows the given pattern.



- a) 61    b) 71  
c) 51    d) 59



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**ANSWER KEY**

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

OLYMP QUIZ