

**ENS09 Solutions**

**CLASS SHEET L1**

1. [D] 2. [C] 3. [C] 4. [B] 5. [D] 6. [C] 7. [C] 8. [D]  
9. [D] 10. [E]

**CLASS SHEET L2**

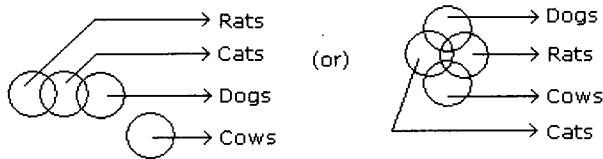
1. [D] 2. [B] 3. [D] 4. [A] 5. [A] 6. [D] 7. [A] 8. [C]  
9. [D] 10. [D] 11. [D] 12. [C] 13. [B] 14. [B] 15. [A]

**HOME SHEET L1**

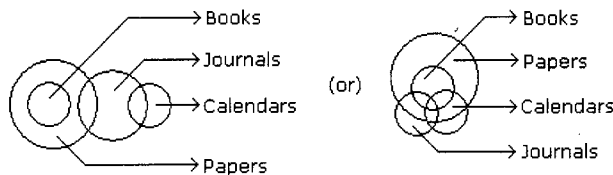
1. [B] No woman is a man (a) and Barry is a man (d) so Barry can't be a woman (c). acd is not right as no woman is man and Barry is not a woman, doesn't prove that Barry is a man. Only some men are birds, so it is not necessary that Barry being a man should be a bird.
2. [B] Cowards are men and men are not women; hence, cowards and women are non-overlapping sets.
3. [C] All apples are mangoes (a) but no mango is a banana (d) and no apple is a banana (f). Banana is a different set from apples and mangoes. bed is not possible as some apples are not bananas and some mangoes are apples doesn't prove that no mango is a banana. Some mangoes that are apples can be bananas.
4. [A] Only black is white means all white is black (b). All black is white (a). Hence, black and white are same.
5. [B] Smart girls are intelligent (b) and Sneha is a smart girl (d) so Sneha girl is intelligent.
6. [C] All blue is red and all red is green so all blue is green.
7. [C] All M are P and all S are M so all S are P. Some M are not P and all M are S, so some S can be P.
8. [A] All goats are boys and no boys are houses, so house can't be goats.  
No trees are programmes and since only some programmes are countesses, some countesses can be trees.
9. [B] No fish are poets and all salmon are fish, so no salmon can be poets.
10. [B] If only strong have biceps and no faith is strong, it can be inferred that no faith has biceps. In A, X and Y may or may not overlap; hence, no definite conclusion can be made. Similarly, in B, the Sona and crazy sets may not overlap. D offers no logical inference.
11. [B] Atleast those tri-cycles which are cycles are vehicles and hence, A is a logically correct sequence. In B, if no teeth is yellow, no girl can be yellow, since all girls are teeth.
12. [A] If no sun is not white, it implies that all sun is white. All moon is sun, so it follows that all moon is white.
13. [C] If all Os are oval and all ovals are circular, it follows that all Os are circular. Hence, A is a logical sequence. Also, if idiots are bumblers and bumblers fumble, it follows that idiots fumble. Hence, C is also a logical sequence.
14. [A] No footballers are given the Noble prize means that anyone who gets Noble prize cannot be a footballer but this does not imply that all those who are not footballers get Noble prize.
15. [D] Ex-cricketers *can be* called to coach does not mean *only* ex-cricketers are called to coach or that *all* ex-cricketers are called to coach.

**HOME SHEET L2**

1. [E] Only 3 follows from the following



2. [E] None follows



3. [C] Statements 1 and 2 will give the conclusion All bottles are bags, which when juxtaposed with third statement does not give any affirmative between bottles and ashtrays. Similarly, no affirmative can be concluded from second and third statements. That eliminates conclusions 1 and 2, thus eliminating all options other than C
4. [D] Middle term is not split in either of the first two statements. Conclusion 1 won't follow. Similarly, conclusion 2 won't follow from statements 1 and 3. That eliminates all choices but D.
5. [C] S1 and S2 lead to the conclusion All locks are steel. C1 is an implication of the same. C2 is a fallacy of undistributed middle and C3 is a fallacy of the converse of S1. Only 1 follows
6. [D] No conclusion follows from two Particular positives - the first two statements. C2 is thus invalid. Either C2 or C3 is valid.
7. [D] C1 is a valid implication of S2. It leaves us with options A and D. C4 follows from S3 and S4. Thus D.
8. [C] C3 is a valid implication of S3.
9. [B] C2 is an implication of S1. C3 follows from S2 and S3 combined.
10. [C] S2 is of particular negative form (some X is not Y). now, S1 + S2 = All + some not (with middle term predicate in both). The valid conclusion is, some tennis players are not women. So, none of the conclusions is correct
11. [A] Middle term is distributed in both statements. A is a valid conclusion.
12. [A] Middle term distributed in both UA and UN forms. The valid conclusion is of PN form, with predicate coming from UN. A is a valid conclusion.
13. [C] II and III lead to I      14. [B]      15. [D]
16. [C] All tiger is dog follows only from S1 and S2 in option C.
17. [E] C2 given (No ruler is pen) follows only from S2 and S5 of option B. However, C1 does not follow from any statement(s) in this option
18. [E]      19. [C]      20. [A]      C1 follows from S1 and S2, and C2 from S2 and S3.