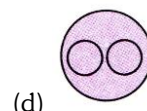
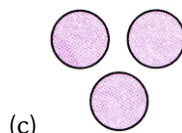
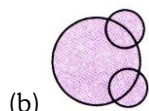
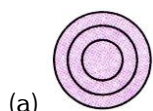


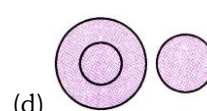
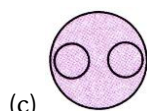
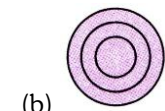
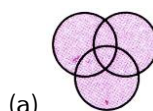
QUESTIONS

Direction (1-5): Which of the following diagrams indicates the best relation amongst the following?

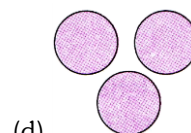
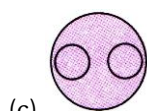
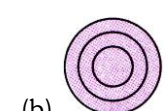
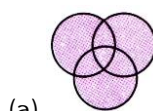
1. Dogs, Pets and Cats



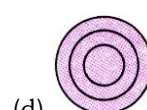
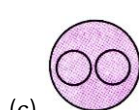
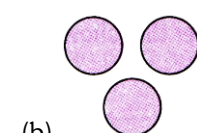
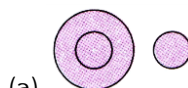
2. Parents, Mother and Father



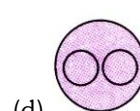
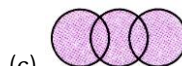
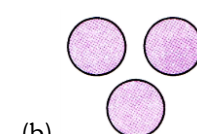
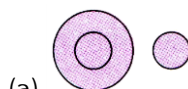
3. Elephant, Dog and Tiger



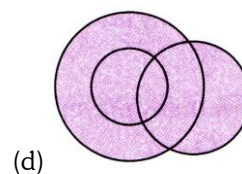
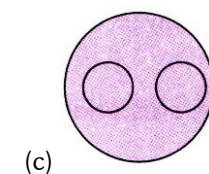
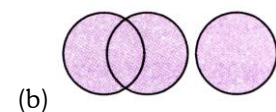
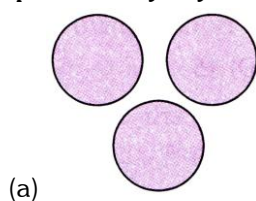
4. Page, Chapter and Book



5. India, Delhi and Japan



Direction (6-10): The four Venn diagrams (a), (b), (c) and (d) are given below. Elements in each of the following questions can be represented by any one of the diagrams. Choose the correct Venn diagram from the options.



6. Man, Worker, Garden

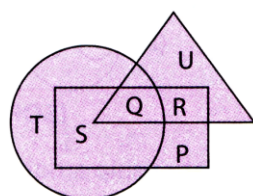
7. Star, Moon, Mars

8. Girls, Athletes, Roots

9. Males, Cousins, Nephews

10. Apple, Mango, Orange

Direction (11-13): Study the given Venn diagram and answer the following questions.



→ Married people



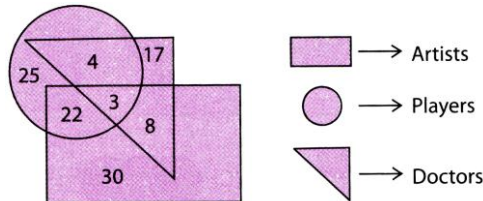
→ People who live in joint family



→ School teachers

11. By which letter, the married teachers who live in joint family are represented?
 (a) R (b) Q (c) S (d) P
12. By which letter, the people who live in joint family but are neither married nor teachers are represented?
 (a) T (b) R (c) Q (d) S
13. By which letter, the married people who live in joint family but not are school teachers are represented?
 (a) R (b) U (c) S (d) P

Direction (14-17): Study the given Venn diagram and answer the following questions.



14. How many doctors are neither artists nor players?
 (a) 17 (b) 5 (c) 10 (d) 30
15. How many artists are players but not doctors?
 (a) 5 (b) 22 (c) 25 (d) 16
16. How many artists are neither players nor doctors?
 (a) 10 (b) 17 (c) 30 (d) 15
17. How many players are neither artists nor doctors?
 (a) 25 (b) 17 (c) 5 (d) 10
18. Which of the following Venn diagrams best depicts the relationship amongst/ "Sun, Planets, Earth"?

(SOF NCO 2016)



19. Which of the following Venn diagrams correctly represents the relationship amongst "Rivers, Oceans, Water sources"?

(SOF NSO 2016)



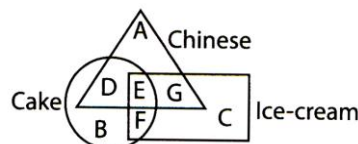
20. Which of the following Venn diagrams correctly describes the relationship amongst, "Clothes, Flowers and Bright things"?

(SOF IMO 2016)



21. Study the Venn diagram and identify the student who likes ice-cream and cake, but not Chinese?

(SOF IMO 2016)



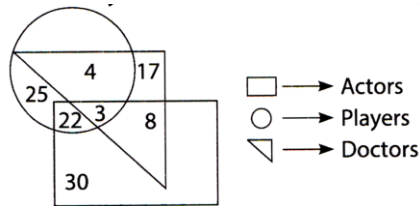
- (a) E (b) F (c) D (d) B
22. Which of the following Venn diagrams best represents the relationship amongst, "Professors, Authors, Females"?

(SOF NCO 2017)



23. Study the given Venn diagram carefully and answer the following question.

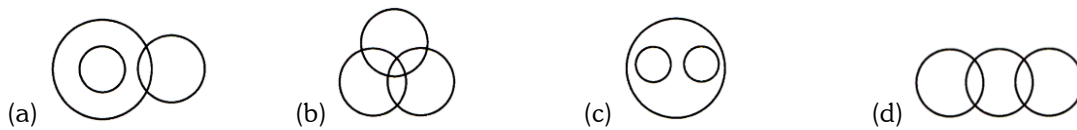
(SOF NSO 2017)



How many doctors are players but not actors?

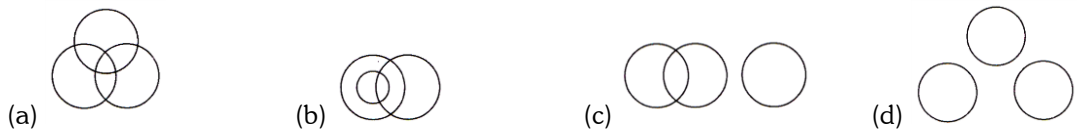
- (a) 3 (b) 4 (c) 8 (d) 17
24. Which of the following Venn diagrams correctly represents the relationship amongst "Swimmers/Women and Cricketers"?

(SOF IMO 2017)



25. Which of the following Venn diagrams correctly describes the relationship amongst "Scientists, Car owners, Females"?

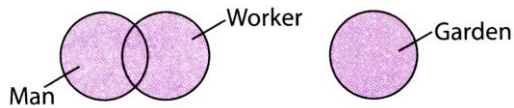
(SOF IMO 2017)



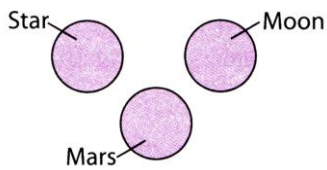
ANSWER - KEY				
1. B	2. C	3. D	4. D	5. A
6. B	7. A	8. B	9. D	10. A
11. B	12. A	13. C	14. A	15. B
16. C	17. A	18. D	19. D	20. D
21. B	22. B	23. B	24. B	25. A

EXPLANATIONS

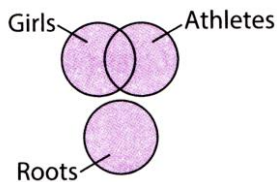
1. (b): Dogs and cats are pet animals. But not all of them.
2. (c) Not Available
3. (d): All the three are entirely different from each other.
4. (d): Book consists of chapters and chapters consist of pages,
5. (a) Not Available
6. (b): This group of items can be represented as in the figure given below.



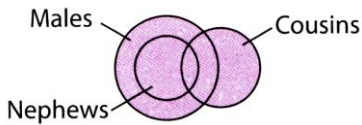
7. (a): This group of items can be represented as in the figure given below.



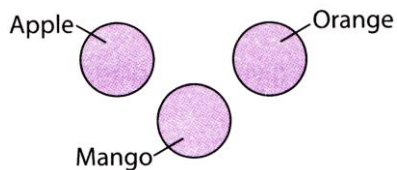
8. (b): This group of items can be represented as in the figure given below.



9. (d): Some cousins may be males and some females. But all nephews are males.



10. (a): This group of items can be represented as in the figure given below.



11. (b): Choose the letter in common to all the three figures.
12. (a): The letter only in the circle is T.
13. (c): The letter common to rectangle and circle only is S.
14. (a): The number lying in only triangle is 17.
15. (b) Not Available
16. (c): 30 is lying in only rectangle.
17. (a): 25 is lying in only circle.
18. (d) Not Available
19. (d) Not Available
20. (d) Not Available
21. (b) Not Available
22. (b) Not Available
23. (b) Not Available
24. (b) Not Available
25. (a) Not Available