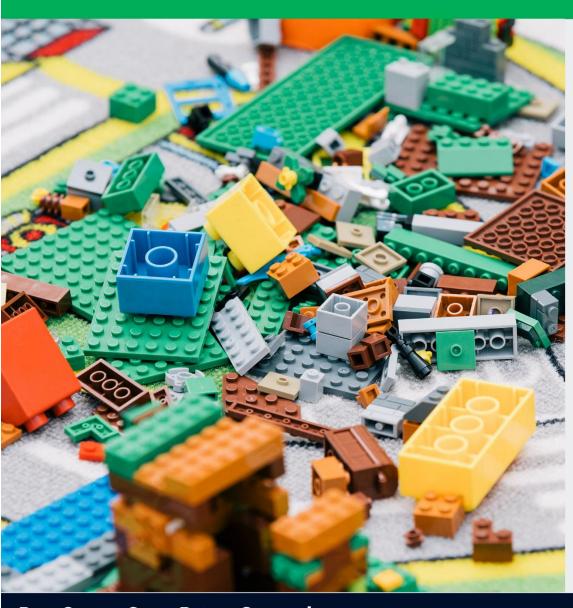# gradeup

PUZZLE MANIA
The Beginning

Chapter- 5 (Scheduling Puzzles)
For All Competitive Exams

1. **Direction:** Study the following information carefully and answer the given questions.

In a school event, different Subjects are scheduled to be held on seven days, starting on Monday and ending on Sunday. Two Subjects are scheduled to be held on Saturday as well as on Sunday and one Subject on each of the remaining five days. The Subjects to be held in these seven days are Calculus, Botany, Algebra, Archaeology, Art, History, Geography, Economics and Psychology, but not necessarily in the same order. History is scheduled to be held on Thursday. Algebra and Psychology are scheduled to be held on the same day. Economics is scheduled three days before Calculus, i.e. two subjects are scheduled between Economics and Calculus. Economics is not scheduled to be held on Wednesday. Geography is scheduled immediately after the day Algebra is scheduled. Botany is scheduled immediately after the day Economics is scheduled. Art is not scheduled on Monday.

Which of the following Subjects is scheduled to be held on Friday?
A. Calculus   B. Economics
C. Art   D. Geography
E. Archaeology
Ans. A

2. Which of the following subject is scheduled to be held on Sunday?
A. Botany   B. Economics
C. Calculus   D. Psychology
E. Art
Ans. E

3. On which of the following days is Archaeology scheduled?
A. Saturday   B. Friday
C. Wednesday   D. Monday
E. Cannot be determined
Ans. D

4. On which of the following day is Geography Scheduled?
A. Monday   B. Tuesday
C. Wednesday   D. Friday
E. Sunday
Ans. E

5. History is related to Calculus in the same way as Economics is related to?
A. Archaeology   B. Botany
C. History   D. Geography
E. Algebra
Ans. B

6. **Direction:** Study the following information carefully and answer the questions that follow.

Seven persons A, B, C, D, E, F and G attend the lecture in a day at 1 pm, 2 pm, 3 pm, 4 pm, 5 pm, 6 pm and 7 pm but not necessarily in the same order. E attends the lecture after 4 pm. Two persons attend the lecture between E and G. Three persons attend the lecture between A and D. A attends the lecture before D. Two persons attend the lecture between C and F. F attends the lecture after C. C does not attend the lecture at 1 pm. F does not attend the lecture at 7 pm. D does not attend the lecture immediately before E.

Which of the following person attends the lecture at 2pm?
A. A   B. B
C. C   D. F
E. None of these
Ans. B

7. If A is related to C, G is related to F, in the same way C is related to which of the following?
A. F   B. E
C. D   D. B
E. None of these
Ans. C

8. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
A. A – 2pm   B. G – 5pm
C. C – 4pm   D. D – 6pm
E. B – 1pm
Ans. E

9. How many persons attend the lecture between E and G?
A. None   B. One

C. Two   D. Three
E. More than three
Ans. C

10. C attends the lecture at which time?
A. 2pm   B. 1pm
C. 4pm   D. 3pm
E. None of these
Ans. D

11. **Direction:** Read the following information carefully to answer the question given below:
L, M, N, O, P, Q, R and S were born in different years 1962, 1963, 1968, 1971, 1973, 1975, 1976, 1978 but not necessary in the same order.
Note: Every calculation should be based on year 2019.
L's age is less than 45 years. Sum of age of L and P is 89 years. Difference between age of P and Q is 3 years. R is not the eldest and younger than P. N is elder than R and the sum of age of N and R is 102 years. M is the eldest. Age of S is one year more than O.
Who is the youngest person?
A. N   B. L
C. M   D. O
E. Q
Ans. B

12. Who was born in the year of 1975?
A. N   B. L
C. M   D. S
E. Q
Ans. D

13. What is the age difference between P and L?
A. 4 years   B. 1 year
C. 7 years   D. 10 years
E. None of these
Ans. C

14. How many persons are there who are elder than S?
A. 4   B. 1
C. 3   D. 2
E. 5
Ans. E

15. What is the sum of ages, who was born in 1975 and 1968?
A. 100 years   B. 95 years
C. Can't be determined
D. 102 years   E. None of these
Ans. B

16. **Direction:** Study the following data carefully and answer the questions accordingly.
There are ten people P, Q, R, S, T, U, V, W, X and Y. They are invited to attend the seminar on 15th and 26th of different months i.e. September, October, January, February and April but not necessarily in the same order. T has attended the seminar just after W. At least four people have attended the seminar before U. P attended the seminar in a month which has less than 30 days. Two people have attended the seminar between P and U. Only two people have attended the seminar after Q. W has attended the seminar on an odd-numbered date of a month, which has 31 days. S has attended the seminar after Q on 26th. X has attended the seminar immediately before V on 15th. R has attended the seminar before V.
Who among the following attended the seminar on 15th April?
A. The one, who attended the seminar between V and R
B. U
C. The one, who attended the seminar just after P
D. V
E. None of these
Ans. C

17. How many persons have attended the seminar after R?
A. Four   B. Five
C. More than six   D. Six
E. None
Ans. C

18. Number of persons attended the seminar before P is same as the number of persons attended the seminar after _____.

A. Q   B. V
C. U   D. X

E. None of these
Ans. C

19. If T is related to X and Y is related to V then in the same way, which of the following is related to P?
A. S   B. V
C. X   D. U
E. None of these
Ans. D

20. Find the correct statement.

A. Four persons have attended the seminar before V
B. Three persons have attended the seminar between X and S
C. Y attended the seminar on 15th just before S
D. Q attended the seminar just after V
E. All are correct
Ans. C

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