

## Expected Profession Based Puzzle for Upcoming Mains Exam

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### Puzzle Based on Profession

**Directions (1-5):** Read the following information carefully and answer the questions given beside.

Seven employees of an organization namely P to V belong to different ranks/roles in the hierarchy. Their designations (not necessarily in same order) in descending order are mentioned below:

Chairman > Managing Director > HOD> Senior Manager> Assistant Manager> Executive> Trainee

They wear shirts of different colors as per the dress code decided by organization's HR for each role. The one who is an Executive wears Orange shirt. R whose designation is higher than that of S and he wears Black shirt. The one

who wears Pink shirt is three ranks higher than the one who wears Orange Shirt. U is Chairman and wears Beige Color shirt. The shirt worn by V is of Grey color. T is 2 ranks lower than U. The one having third lowest designation wears Brown shirt. Neither P nor Q wears Brown shirt. Senior Manager wears Blue shirt. V does not belong to the top three ranks.

**1. What is the rank of P from Top as per given designation order?**

- (a) 3
- (b) 4
- (c) 6
- (d) Either (b) or (c)

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(e) 2

2. The person whose designation is HOD wears which color shirt?

- (a) Brown
- (b) Blue
- (c) Orange
- (d) Black
- (e) Pink

3. If all the persons are arranged in alphabetical order from top to bottom with respect to designation order then T's designation is

- (a) Managing Director
- (b) HOD
- (c) Senior Manager
- (d) Assistant Manager
- (e) Executive

4. How many people are there between the one who like Beige color and the one who like Orange color?

- (a) 3
- (b) 4
- (c) 6
- (d) 5
- (e) 2

5. If U related to 'Pink color' and R related to 'Blue color' then S related to which color?

- (a) Black
- (b) Grey
- (c) Brown
- (d) Orange
- (e) None of these

**Directions (6-10):** These questions are based on the following information.

P, Q, R, S, T, U, V and Ware eight Employee are working in three different Universities, Disha University, Arihant University, G.M. University and not more than three persons are working in the same University. Each of them has different designations viz. Director, Principal, Professor, Associate Professor, Assistant Professor, Lecturer, Lab Assistant and Librarian, not necessarily in the same order. Designation order is given in descending order. S works neither at Disha University nor works in the same university as U works at. R and U work in the same University and R designation is not 4<sup>th</sup> from bottom. Q is principal works at Arihant University and T is the only other person who works in Arihant University. Neither the Professor nor the Assistant Professor works in GM University. P designation is highest among them but does not work in G.M. University. Neither V nor W holds 4<sup>th</sup> rank designation from Top. U is a Lecturer and V is not least rank in designation.

6. Which among the following groups works in G.M. University?

- (a) Q, R, S
- (b) T, V, U
- (c) Q, S, T
- (d) P, S, R
- (e) V, W, S

7. Among the Following, Whose Designation is Librarian?

- (a) R

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- (b) W
- (c) S
- (d) Q
- (e) None of these

**8. Which among the following groups of Designations are from Disha University?**

- (a) Associate Professor, Assistant Professor and Director
- (b) Principal, Professor-Librarian and Lab Assistant
- (c) Librarian, Lab-Assistant and Principal
- (d) Professor, Director and Lecturer
- (e) None of these

**9. Four of the following five are alike in a certain way based on the given information and so form a group. Find the one which does not belong to the group.**

- (a) Q - Principal
- (b) S - Professor
- (c) U- Assistant Professor
- (d) W- Lecturer
- (e) V-Librarian

**10. Which among the following is True as per Given Information?**

- (a) S- G.M.University - Professor
- (b) Q- ArihantUniversity –Lab Assistant
- (c) T – Arihant University – Assistant Professor
- (d) W-Disha University -Lab Assistant
- (e) None of these

**Directions (11-15): These questions are based on the following information**

Eight People A, B, C, D, E, F, G and H work in different Engineering department as HOD posts. Each of them takes different number of lectures in a week, which was different for each of them. Different number of lecture is viz. 27, 24, 20, 16, 14, 10, 8 and 3. Also it is known that different departments is in decreasing order

Computer Science > Electronics > Civil > Mechanical > Electrical > I.T. > Chemical > Biotechnology

G takes more lecture than B but fewer lectures than C and is HOD of Chemical department. Total lecture taken by B is odd number in a week. Sum of total lecture taken by H and F is 51. F is not the HOD of Electrical department. Total Number of lecture taken by E and F is 37 in a week. HOD of Electronics department takes fewer lectures than the HOD of Computer department and their lectures are in multiple of 2. H takes more than 20 lectures in a week but not the highest. C who takes 16 lectures in a week is works as HOD of Civil department. The person who is HOD of Electrical department takes 20 lectures in a week. A take less lecture than D but takes more than G and E. Number of lecture taken by HOD of Mechanical department is just higher than the HOD of Biotechnology department and difference between numbers of lecture taken by them is three.

**11. Total lecture taken by HOD of Chemical department?**

- (a) 14
- (b) 10
- (c) 8

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(d) 20

(e) None of these

**12. What is the difference between number of lecture taken by HOD of Civil and Mechanical departments?**

(a) 7

(b) 4

(c) 13

(d) 11

(e) None of these

**13. E is HOD of which department?**

(a) Computer Science

(b) Electronics

(c) Civil, Mechanical,

(d) Electrical

(e) Cannot be determined

**14. Who is HOD of Computer Science Department?**

(a) B

(b) C

(c) A

(d) E

(e) None of the above

**15. Which among the following pair is odd from the rest?**

(a) F,27

(b) H,24

(c) G,8

(d) D,20

(e) B,10

**Directions (16-20): These questions are based on the following information.**

Seven persons namely L, M, N, O, P, Q and R working as a Trainee, AM( Assistant Manager), MGR(Manager), SM (Senior Manager), MD (Managing Director), CMD (Chief Managing Director), CEO(Chief Executive Officer) not in the same order in a Company. Each likes a different color namely Red, Green, Yellow, White, Blue, Black and Brown not in same order.

NOTE: positions are in the Ascending order of their experience. CEO is most experienced person and Trainee least experienced.

Only two persons senior to N. O does not like Yellow color. P is senior to the Person who likes White color who does not the least junior. CMD is junior to the Person who likes Black color. Person who likes Yellow color is senior to Q but junior to P. R is junior to P who is junior to MD. R is senior to Q who likes Blue color. M is senior to P but not the senior most. MD does not like Brown color. O is junior to R who is junior to L. MD is senior to the one who likes Green color.

**16. Who among the following is CEO of the company?**

(a) P

(b) M

(c) The one who like black color

(d) Q

(e) None of these

**17. Who among the following Green color?**

(a) R

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- (b) P
- (c) L
- (d) Q
- (e) None of these

**18. Which of the following color between O and P?**

- (a) Green
- (b) Blue
- (c) Red
- (d) Yellow
- (e) None of these

**19. How many persons is Senior to O?**

- (a) Four
- (b) One
- (c) Three
- (d) More than four
- (e) None

**20. Who among the following MD of the company?**

- (a) Q
- (b) P
- (c) M
- (d) L
- (e) N

**Directions (21-25): Study the following information carefully to answer the given questions:**

Six people from a college participated in a cultural event held in Indore. Each of these six people had different designations. The designation of these people in decreasing order is as Chairman, Dean, HOD, Professor, Asst. Professor and Lecturer. Each of them was an expert in different engineering branch. No one is older than 65years.

C is junior than F, who is not Dean. The one who is Dean is 5years younger than HOD. More than two persons are junior than A. Age of the one who is Lecturer is a perfect cube of an odd number. Age of the one who is Lecture is not less than 25years. B is Junior than D but senior than C. Age of the one who is HOD is just double the age of the one who is Lecturer. F is senior to E who is not Lecturer. D is not Professor. Age of the one who is Professor is a perfect square of number and 13years younger than D. The one who is Chairman is 11years older than the one who is HOD. D is senior to A. F' age is an odd number. E is 7years younger than D. B is 9years older than C.

**21. Who among the following is HOD of the College?**

- (a) F
- (b) D
- (c) The one who is 32years old
- (d) A
- (e) None of these

**22. Who among the following is 65years old?**

- (a) E
- (b) B
- (c) F
- (d) C
- (e) None of these

**23. What is the age difference between B and E?**

- (a) 22years
- (b) 23years
- (c) 24years
- (d) 25years
- (e) None of these



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**24. How many persons are junior to F?**

- (a) Four
- (b) One
- (c) Three
- (d) Two
- (e) None of these

**25. Who among the following Lecturer of the College?**

- (a) A
- (b) C
- (c) D
- (d) E
- (e) None of these

**Directions (26-30): Study the following information to answer the given questions:**

There are six employees of a company and all of them are working on six different positions – AM (Assistant Manager), MG (Manager), DGM (Deputy General Manager), GM (General Manager), CGM (Chief General Manager), ED (Executive Director). The positions given are in increasing order of seniority. (AM is the least junior and the ED is the most senior.). Each person likes different TV Channels and Weight of each person is different.

M is senior to P, but the Weight of P is heavier than M. R likes Sony Channel and junior to N. Less than three person are senior to O. Weight of O is lighter than N but heavier than R. The one who likes Aajtak is senior to P but junior to the one who likes ABP channel. M does not like AAJTAK. P is not AM in the company. Weight of

M is the lightest and he neither ED nor GM in the company. The Weight of the second lightest person is 171kg. The one who like Star is junior to the one who like ZEE. R is senior to Q. Weight of the R is not odd number. Weight of the one who is CGM of the company is lighter than R. Weight of the one who is AM is lighter than the one who is GM. R is junior to the one who like IBC24. Weight of the second Heaviest person is 184kg and O is not second Heaviest person. Weight of the one who likes ABP is less than the one who is AM. The one who likes ZEE is not DGM of the company. Q is not Heaviest person but heavier than P. O does not like Aajtak. M neither likes ZEE nor ABP.

**26. The one who is CGM of the company likes which of the following TV Channels?**

- (a) ABP
- (b) IBC24
- (c) ZEE
- (d) Star
- (e) None of these

**27. Q likes which of the following TV Channels?**

- (a) AAJTAK
- (b) Sony
- (c) Star
- (d) ZEE
- (e) None of these

**28. What may be the height of R?**

- (a) 173 kg
- (b) 184 kg
- (c) 170 kg
- (d) 185 kg

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(e) 186 kg

**29. Who among the following is MG of the company?**

- (a) The one who is just junior to Q
- (b) The one whose weight is more than R
- (c) The one who likes AAJTAK
- (d) The one who likes ABP
- (e) The one who likes ZEE

**30. Which of the following statement is true about O?**

- (a) O is junior to M
- (b) O likes IBC24
- (c) Weight of O is more than Q
- (d) Only three persons are lighter than R
- (e) None is true

**Directions (31-35): Study the following information carefully and answer the Questions.**

Seven persons work in Police at different Ranks. Their ranks are C.P. (Commissioner of Police), D.C.P (Deputy Commissioner of Police), A.C.P (Assistant Commissioner of Police), P.I (Police Inspector), A.P.I (Assistant Police Inspector), S.I. (Sub Inspector), A.S.I (Assistant Sub Inspector), not necessarily in the same order. (Note: Rank decreases on moving from left to right). Each of them has different weight in kg viz, 41, 51, 44, 35, 57, 19 and 25, but not necessarily in the same order.

The one whose weight is 44 kg is either ACP or API. The rank of both J and N were lower than the person whose weight is 41 kg. Only three persons are there in ranks between the one whose weight is 44 kg and the one

whose weight is 25 kg. Only two persons are there in ranks between J and the one whose weight is 35 kg who is senior to J. N is not the lightest. At least five people junior to K. J is just senior to N. M rank is immediately after the one whose weight is 35 kg. P is just senior to the one who is the second heaviest. Only one person is there in ranks between K and the person whose weight is 41 kg. Only two persons are there in ranks between M and L. One of the persons is O.

**31. What is the weight of N?**

- (a) 44
- (b) 35
- (c) 57
- (d) 25
- (e) 41

**32. What is the rank of the person whose weight 44?**

- (a) ACP
- (b) API
- (c) SI
- (d) CP
- (e) DCP

**33. How many persons are there between the person whose rank is CP and the person whose weight is 51?**

- (a) 3
- (b) 4
- (c) 2
- (d) 5
- (e) 1

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**34. If all the weight are arranged in increasing order from west to east then what is the weight of the person whose rank is P.I.?**

- (a) 41
- (b) 44
- (c) 51
- (d) 57
- (e) 35

**35. Difference of weight of the person whose rank is DCP and ASI is?**

- (a) 29
- (b) 30
- (c) 31
- (d) 33
- (e) 38

**Directions (36-40): Study the following information carefully and answer the Questions**

Each people P, Q, R, S, T, U, V and W works in the same office but in a different department on the basis of experience namely Research and Development (R&D), Public Relations (PR), Human Resources (HR), Quality Management (QM), Production (PO), Accounts (ACC), Marketing & Sales (M&S) and Administration (ADMIN) in the same order. Each person has been allocated to a department as per decreasing order of experience with the one in ADMIN being the least experienced while the one in R&D being the most experienced. They live in different cities of India like Raipur, Delhi, Mumbai, Chennai, Hyderabad, Bhopal, Pune and Indore (not necessarily in same order).

Three departments are there between the person who lives in Bhopal & U who is more experience than the person who lives in Bhopal. T's is more experience than the person who lives in Raipur. Neither the person who lives in Chennai nor the person who lives in Indore has most experience. W's is more experience than S but less experience than T. R & P lives in Hyderabad and Mumbai respectively. No person lies between V & R. Neither U nor Q lives in Pune. Neither W nor S lives in Raipur. Three persons are there between P & the person who lives in Raipur. Q works in marketing & Sales department. Two persons are lies between U & T. One person lies between T & the person who lives in Pune. P is more experience than V. The person who lives in Indore is more experienced than the person who lives in Chennai.

**36. The person who lives in Pune works in which department?**

- (a) HR
- (b) R&D
- (c) ACC
- (d) ADMIN
- (e) PR

**37. How many persons are there between the person who works in HR department and Q?**

- (a) 2
- (b) 3
- (c) 4
- (d) 5
- (e) 1



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**38. Which of the following combinations are true for V?**

- (a) HR – Hyderabad
- (b) M&S - Raipur
- (c) ADMIN - Mumbai
- (d) PR - Chennai
- (e) ACC - Raipur

**39. How many person have more experience than that the person who lives in Raipur?**

- (a) 2
- (b) 3
- (c) 4
- (d) 5
- (e) 6

**40. Four of the following five pairs are alike in a certain way based on their positions in the above arrangement and so form a group. Which of the following does not belong to the group?**

- (a) U- Chennai
- (b) R – Indore
- (c) S - Bhopal
- (d) Q – Mumbai
- (e) T - Bhopal

**Directions (41-45): Study the following information carefully and answer the Questions**

Seven Person namely L, M, N, O, P, Q and R are works in different specialization of different hospitals namely Apollo Hospitals, Care Hospitals, Fortis Hospitals, Mittal Hospitals, Narayana Health, Vasan Healthcare, Wockhard Hospitals but not necessarily in the same order. Each doctor works in the different hospitals but in a different

specialization department on the basis of experience namely Accident and emergency (A&E), Physiotherapy, Cardiology, Gynecology, Nephrology, Neurology and Radiology, in the same order. Each person has been allocated to a department as per increasing order of experience with the one in Accident and emergency (A&E) being the least experienced while the one in Radiology being the most experienced.

Only one person has less experience than Q. The one who has less experience than Q works for Care Hospital. Only one person has more experience than L. The one who is specialized in neurology works for Forties hospital. Only two people have more experience than the one who works for Vasan healthcare. R works for Narayana health and has more experience than the one who works for Vasan healthcare. O has less experience than the one is specialized in Gynecology, but more experience than the one who works for Apollo hospital. P neither has the least experience nor did he specialize in Nephrology. M is not specialized in Nephrology. The one who works for wockhard hospital not specialized of Gynecology.

**41. Which of the following is Cardiology Specialist?**

- (a) L
- (b) M
- (c) N
- (d) Q
- (e) O

**42. Person who works for Fortis Hospital is specialized in which department?**

- (a) Radiology

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- (b) Gynecology
- (c) Neurology
- (d) Nephrology
- (e) Cardiology

**43. Person who works for Vasan Healthcare is experienced than how many persons?**

- (a) 1
- (b) 3
- (c) 4
- (d) 2
- (e) 5

**44. Which of the following hospitals doctor is most experience?**

- (a) Fortis
- (b) Apollo
- (c) Mittal
- (d) Narayana
- (e) Vasan

**45. How many person are their between the L and the person who is specialist of Cardiology?**

- (a) 2
- (b) 3
- (c) 1
- (d) 4
- (e) 5

**Directions (46-50): Study the following information carefully to answer the given questions:**

P, Q, R, S, T and U work in Army at different levels. Their ranks are General, Brigadier, Colonel, Major, Captain and Lieutenant. (Note: Rank decreasing on

moving from left to right). They like different movies URI, MangalPandey, Border, Raazi, Fauji and Airlift. Only four persons are Rank lies above Q. Only Three persons rank below the likes MangalPandey. U does not hold lowest Rank but Rank below to the one who likes Airlift. The person who is General rank does not like Airlift. S Rank is not below the one who likes Fauji. T does not like URI. R has lower Rank than Colonel. Neither U nor P likes Raazi. More than two persons Rank's below the one who likes Raazi. The one who likes Fauji is not Caption but rank above to the one who likes Border. P's Rank is above the one who likes MangalPandey. R's rank below P but rank above to the one who likes Border.

**46. Which if the following Movie Liked by T?**

- (a) MangalPndey
- (b) URI
- (c) Fuji
- (d) Razzi
- (e) Border

**47. Who among the following likes Border?**

- (a) P
- (b) U
- (c) T
- (d) S
- (e) Cannot be Determined

**48. How many persons are junior to the person who likes Airlift?**

- (a) One
- (b) Two
- (c) Three

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(d) More than three

(e) None of these

49. The one who's Rank Is Brigadier like which among the following Movie?

(a) URI

(b) Razzi

(c) Airlift

(d) Fauji

(e) None of these

50. Who among the following is just junior to P?

(a) T

(b) S

(c) Q

(d) R

(e) U

### Solution and Detailed Explanation

#### SOLUTION(1-5):

**Chairman > Managing Director > HOD > Senior Manager > Assistant Manager > Executive > Trainee**

#### Explanation in detail:

1. The one who is an Executive wears Orange shirt.
2. U is Chairman and wears Beige Color shirt.
3. T is 2 ranks lower than U.

| Designations      | Employees | Shirt Color |
|-------------------|-----------|-------------|
| Chairman          | U         | Beige       |
| Managing Director |           |             |
| HOD               | T         |             |
| Senior Manager    |           |             |
| Assistant Manager |           |             |
| Executive         |           | Orange      |
| Trainee           |           |             |

4. The one having third lowest designation wears Brown shirt.

5. The one who wears Pink shirt is three ranks higher than the one who wears Orange Shirt
6. Senior Manager wears Blue shirt

| Designations      | Employees | Shirt Color |
|-------------------|-----------|-------------|
| Chairman          | U         | Beige       |
| Managing Director |           |             |
| HOD               | T         | Pink        |
| Senior Manager    |           | Blue        |
| Assistant Manager |           | Brown       |
| Executive         |           | Orange      |
| Trainee           |           |             |

7. The shirt worn by V is of Grey color.
8. V does not belong to the top three ranks.
9. R whose designation is higher than that of S and he wears Black shirt.

## Expected Profession Based Puzzle for Upcoming Mains Exam

| Designations      | Employees | Shirt Color |
|-------------------|-----------|-------------|
| Chairman          | U         | Beige       |
| Managing Director | R         | Black       |
| HOD               | T         | Pink        |
| Senior Manager    |           | Blue        |
| Assistant Manager |           | Brown       |
| Executive         |           | Orange      |
| Trainee           | V         | Grey        |

10. Neither P nor Q wears Brown shirt

| Designations      | Employees | Shirt Color |
|-------------------|-----------|-------------|
| Chairman          | U         | Beige       |
| Managing Director | R         | Black       |
| HOD               | T         | Pink        |
| Senior Manager    | P / Q     | Blue        |
| Assistant Manager |           | Brown       |
| Executive         | P / Q     | Orange      |
| Trainee           | V         | Grey        |

11. Only S is left now.

12. Position of P and Q not fixed.

### Final Arrangement

| Designations      | Employees | Shirt Color |
|-------------------|-----------|-------------|
| Chairman          | U         | Beige       |
| Managing Director | R         | Black       |
| HOD               | T         | Pink        |
| Senior Manager    | P / Q     | Blue        |
| Assistant Manager | S         | Brown       |
| Executive         | P / Q     | Orange      |
| Trainee           | V         | Grey        |

1. d

2. e

3. d

4. b

5. b

**SOLUTION(6-10):**

**Explanation in detail:**

- Q is Principal works at Arihant University and T is the only other person who works in Arihant University.
- U is a Lecturer.

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| Employees | Universities | Designations |
|-----------|--------------|--------------|
| P         |              |              |
| Q         | Arihant      | Principal    |
| R         |              |              |
| S         |              |              |
| T         | Arihant      |              |
| U         |              | Lecturer     |
| V         |              |              |
| W         |              |              |

- P designation is highest among them but does not work in G.M
- S works neither at Disha University nor works in the same university as U works at.
- R and U work in the same University

| Employees | Universities | Designations |
|-----------|--------------|--------------|
| P         | Disha        | Director     |
| Q         | Arihant      | Principal    |
| R         | Disha        |              |
| S         | G.M.         |              |
| T         | Arihant      |              |
| U         | Disha        | Lecturer     |
| V         |              |              |
| W         |              |              |

- Neither the Professor nor the Assistant Professor works in GM University.
- R designation is not 4<sup>th</sup> from bottom

| Employees | Universities | Designations   |
|-----------|--------------|----------------|
| P         | Disha        | Director       |
| Q         | Arihant      | Principal      |
| R         | Disha        | Professor      |
| S         | G.M.         |                |
| T         | Arihant      | Asst Professor |
| U         | Disha        | Lecturer       |
| V         | G.M.         |                |
| W         | G.M.         |                |

- Neither V nor W holds 4<sup>th</sup> rank designation.
- V is not least rank in designation

| Employees | Universities | Designations   |
|-----------|--------------|----------------|
| P         | Disha        | Director       |
| Q         | Arihant      | Principal      |
| R         | Disha        | Professor      |
| S         | G.M.         | Asso Professor |
| T         | Arihant      | Asst Professor |
| U         | Disha        | Lecturer       |
| V         | G.M.         | Lab Assistant  |
| W         | G.M.         | Librarian      |

**Final arrangement:**



## Expected Profession Based Puzzle for Upcoming Mains Exam

| Employees | Universities | Designations   |
|-----------|--------------|----------------|
| P         | Disha        | Director       |
| Q         | Arihant      | Principal      |
| R         | Disha        | Professor      |
| S         | G.M.         | Asso Professor |
| T         | Arihant      | Asst Professor |
| U         | Disha        | Lecturer       |
| V         | G.M.         | Lab Assistant  |
| W         | G.M.         | Librarian      |

| Designations      | Persons | Nmber of Lectures in week |
|-------------------|---------|---------------------------|
| HOD Computer      |         |                           |
| HOD Electronics   |         |                           |
| HOD Civil         | C       | 16                        |
| HOD Mechanical    |         |                           |
| HOD Electrical    |         | 20                        |
| HOD I.T.          |         |                           |
| HOD Chemical      | G       |                           |
| HOD Biotechnology |         |                           |

6. e
7. b
8. d
9. a
10. c

### SOLUTION (11-15):

#### Explanation in detail:

1. The person who is HOD of Electrical department takes 20 lectures in a week.
2. C who takes 16 lectures in a week is works as HOD of Civil department.
3. G is of Chemical department.

4. Sum of total lecture taken by H and F is 51.
5. H takes more than 20 lectures in a week but not the highest

$$H + F = 51$$

$$24 + 27 = 51$$

6. Number of lecture taken by HOD of Mechanical department is just higher than the HOD of Biotechnology department and difference between numbers of lecture taken by them is three.

## Expected Profession Based Puzzle for Upcoming Mains Exam

| Designations      | Persons | Nmber of Lectures in week |
|-------------------|---------|---------------------------|
| HOD Computer      |         |                           |
| HOD Electronics   |         |                           |
| HOD Civil         | C       | 16                        |
| HOD Mechanical    | F       | 27                        |
| HOD Electrical    |         | 20                        |
| HOD I.T.          |         |                           |
| HOD Chemical      | G       |                           |
| HOD Biotechnology | H       | 24                        |

7. Total Number of lecture taken by E and F is 37 in a week.(we have found that F = 27)

$$E + F = 37$$

$$10 + 27 = 37$$

8. Total lecture taken by B is odd number in a week.(B takes 3 lecture in a week)
9. G takes more lecture than B but fewer lectures than C

$$C > G > B$$

$$16 \quad 8/14 \quad 3$$

10. A take less lecture than D but takes more than G and E.

$$D > A > G, E$$

$$\quad \quad 8 \quad 10$$

$$\quad \quad \underline{\quad 14 \quad}$$

If G takes 14 Lectures than only 20 is left for D and A. which is not possible. So G takes 8 lectures

$$D > A > G, E$$

$$20 \quad 14 \quad 8 \quad 10$$

11. HOD of Electronics department takes fewer lectures than the HOD of Computer department and their lectures are in multiple of 2.

| Designations      | Persons | Nmber of Lectures in week |
|-------------------|---------|---------------------------|
| HOD Computer      |         | 14                        |
| HOD Electronics   | E       | 10                        |
| HOD Civil         | C       | 16                        |
| HOD Mechanical    | F       | 27                        |
| HOD Electrical    | D       | 20                        |
| HOD I.T.          | B       | 3                         |
| HOD Chemical      | G       | 8                         |
| HOD Biotechnology | H       | 24                        |

## Expected Profession Based Puzzle for Upcoming Mains Exam

**Final arrangement:**

| Designations      | Persons | Nmber of Lectures in week |
|-------------------|---------|---------------------------|
| HOD Computer      | A       | 14                        |
| HOD Electronics   | E       | 10                        |
| HOD Civil         | C       | 16                        |
| HOD Mechanical    | F       | 27                        |
| HOD Electrical    | D       | 20                        |
| HOD I.T.          | B       | 3                         |
| HOD Chemical      | G       | 8                         |
| HOD Biotechnology | H       | 24                        |

11. c
12. d
13. b
14. c
15. e

**SOLUTION (16-20):**

**Explanation in detail:**

1. Only two persons senior to N
2. CMD is junior to the Person who likes Black color.

| Designations (Increasing order) | Persons | Color |
|---------------------------------|---------|-------|
| Trainee                         |         |       |
| AM                              |         |       |
| MGR                             |         |       |
| SM                              |         |       |
| MD                              | N       |       |
| CMD                             |         |       |
| CEO                             |         | Black |

3. P is senior to the Person who likes White color who does not the least junior.
4. P who is junior to MD

For this three case are their

**CASE 1**

| Designations (Increasing order) | Persons | Color |
|---------------------------------|---------|-------|
| Trainee                         |         |       |
| AM                              |         | White |
| MGR                             |         |       |
| SM                              | P       |       |
| MD                              | N       |       |
| CMD                             |         |       |
| CEO                             |         | Black |

**CASE 1 a**

## Expected Profession Based Puzzle for Upcoming Mains Exam

| Designations<br>(Increasing order) | Persons | Color |
|------------------------------------|---------|-------|
| Trainee                            |         |       |
| AM                                 |         |       |
| MGR                                |         | White |
| SM                                 | P       |       |
| MD                                 | N       |       |
| CMD                                |         |       |
| CEO                                |         | Black |

| Designations<br>(Increasing order) | Persons | Color |
|------------------------------------|---------|-------|
| Trainee                            | Q       | Blue  |
| AM                                 | O       | White |
| MGR                                | R       |       |
| SM                                 | P       |       |
| MD                                 | N       |       |
| CMD                                | M       |       |
| CEO                                | L       | Black |

### CASE 2

| Designations<br>(Increasing order) | Persons | Color |
|------------------------------------|---------|-------|
| Trainee                            |         |       |
| AM                                 |         | White |
| MGR                                | P       |       |
| SM                                 |         |       |
| MD                                 | N       |       |
| CMD                                |         |       |
| CEO                                |         | Black |

- Person who likes Yellow color is senior to Q but junior to P.
- R is junior to P who is junior to MD.
- R is senior to Q who likes Blue color.
- M is senior to P but not the senior most

### CASE 2 Eliminated

### CASE 1

### CASE1a

| Designations<br>(Increasing order) | Persons | Color |
|------------------------------------|---------|-------|
| Trainee                            | Q/O     |       |
| AM                                 | Q/O     |       |
| MGR                                | R       | White |
| SM                                 | P       |       |
| MD                                 | N       |       |
| CMD                                | M       |       |
| CEO                                | L       | Black |

- The one who likes Yellow color is senior to Q but junior to P.

### CASE1

## Expected Profession Based Puzzle for Upcoming Mains Exam

| Designations<br>(Increasing order) | Persons | Color  |
|------------------------------------|---------|--------|
| Trainee                            | Q       | Blue   |
| AM                                 | O       | White  |
| MGR                                | R       | Yellow |
| SM                                 | P       |        |
| MD                                 | N       |        |
| CMD                                | M       |        |
| CEO                                | L       | Black  |

| Designations<br>(Increasing order) | Persons | Color  |
|------------------------------------|---------|--------|
| Trainee                            | Q       | Blue   |
| AM                                 | O       | White  |
| MGR                                | R       | Yellow |
| SM                                 | P       | Green  |
| MD                                 | N       |        |
| CMD                                | M       | Brown  |
| CEO                                | L       | Black  |

### CASE1a

| Designations<br>(Increasing order) | Persons | Color  |
|------------------------------------|---------|--------|
| Trainee                            | Q       | Blue   |
| AM                                 | O       | Yellow |
| MGR                                | R       | White  |
| SM                                 | P       |        |
| MD                                 | N       |        |
| CMD                                | M       |        |
| CEO                                | L       | Black  |

10. O does not like Yellow color.  
11. MD is senior to the one who likes Green color.

### CASE 1a Eliminated

### CASE 1

### Final Arrangement

| Designations<br>(Increasing order) | Persons | Color  |
|------------------------------------|---------|--------|
| Trainee                            | Q       | Blue   |
| AM                                 | O       | White  |
| MGR                                | R       | Yellow |
| SM                                 | P       | Green  |
| MD                                 | N       | Red    |
| CMD                                | M       | Brown  |
| CEO                                | L       | Black  |

16. C  
17. B  
18. D



## Expected Profession Based Puzzle for Upcoming Mains Exam

19. D

20. E

**SOLUTION (21-25):**

**Explanation in detail:**

- Age of the one who is Lecture is not less than 25years.
- Age of the one who is HOD is just double the age of the one who is Lecturer.
- The one who is Chairman is 11years older than the one who is HOD
- The one who is Dean is 5years younger than HOD.
- Age of the one who is HOD is just double the age of the one who is Lecturer

| Designations<br>(Decreasing order) | Persons | Age |
|------------------------------------|---------|-----|
| Chairman                           |         | 65  |
| Dean                               |         | 49  |
| HOD                                |         | 54  |
| Professor                          |         |     |
| Asst Professor                     |         |     |
| Lecturer                           |         | 27  |

- D is senior to A.
- More than two persons are junior than A.
- B is Junior than D but senior than C.
- C is junior than F, who is not Dean.
- F is senior to E who is not Lecturer.
- D is not Professor.
- F's age is an odd number.

Brief hints:

D>A

D>B>C (D is not professor)

F>C (F is not Dean)

F>E (E is not lecturer)

### Case-1

| Designations<br>(Decreasing order) | Persons  | Age |
|------------------------------------|----------|-----|
| Chairman                           | <b>D</b> | 65  |
| Dean                               | <b>A</b> | 49  |
| HOD                                | <b>B</b> | 54  |
| Professor                          | <b>F</b> |     |
| Asst Professor                     | <b>E</b> |     |
| Lecturer                           | <b>C</b> | 27  |

### Case-2

| Designations<br>(Decreasing order) | Persons  | Age |
|------------------------------------|----------|-----|
| Chairman                           | <b>D</b> | 65  |
| Dean                               | <b>B</b> | 49  |
| HOD                                | <b>A</b> | 54  |
| Professor                          | <b>F</b> |     |
| Asst Professor                     | <b>E</b> |     |
| Lecturer                           | <b>C</b> | 27  |

## Expected Profession Based Puzzle for Upcoming Mains Exam

### Case-2-A

| Designations<br>(Decreasing order) | Persons    | Age |
|------------------------------------|------------|-----|
| Chairman                           | <b>F</b>   | 65  |
| Dean                               | <b>D</b>   | 49  |
| HOD                                | <b>A</b>   | 54  |
| Professor                          | <b>B/E</b> |     |
| Asst Professor                     | <b>E/B</b> |     |
| Lecturer                           | <b>C</b>   | 27  |

13. Age of the one who is Professor is a perfect square of number and 13 years younger than D.

**Note:** Case-1 & Case-2 gets rejected since D's age is 65 years & professor age is 13 years younger than D i.e.  $65-13=52$  years, but it is not a perfect square

### Case-2-A

| Designations<br>(Decreasing order) | Persons    | Age       |
|------------------------------------|------------|-----------|
| Chairman                           | <b>F</b>   | 65        |
| Dean                               | <b>D</b>   | 49        |
| HOD                                | <b>A</b>   | 54        |
| Professor                          | <b>B/E</b> | <b>36</b> |
| Asst Professor                     | <b>E/B</b> |           |
| Lecturer                           | <b>C</b>   | 27        |

14. E is 7 years younger than D.

15. B is 9 years older than C.

**Note:** E's age is 42 ( $49-7=42$ ) and B's age is 36

### Final Arrangement

### Case-2-A

| Designations<br>(Decreasing order) | Persons  | Age       |
|------------------------------------|----------|-----------|
| Chairman                           | <b>F</b> | 65        |
| Dean                               | <b>D</b> | 49        |
| HOD                                | <b>A</b> | 54        |
| Professor                          | <b>B</b> | <b>36</b> |
| Asst Professor                     | <b>E</b> | <b>42</b> |
| Lecturer                           | <b>C</b> | 27        |

21. d

22. c

23. E

24. e

25. b

### SOLUTION (26-30):

#### Explanation in detail:

- Weight of M is the lightest.
- Weight of P is heavier than M.
- Weight of O is lighter than N but heavier than R.
- The Weight of the second lightest person is 171cm.
- Weight of the R is not odd number.
- Weight of the second Heaviest person is 184cm and O is not second Heaviest person.
- Q is not Heaviest person but heavier than P.  
From above information we arrange all the person in Decreasing order of their weight.

$$N > Q (184 \text{ kg}) > O > R > P (171 \text{ kg}) > M$$

- Less than three person are senior to O.

## Expected Profession Based Puzzle for Upcoming Mains Exam

9. The one who likes Aajtak is senior to P but junior to the one who likes ABP channel. M does not like Aajtak.
10. Weight of the one who is CGM of the company is lighter than R.
11. M is senior to P.

### CASE 1

| Designation<br>(Decreasing order) | Persons | TV<br>Channels |
|-----------------------------------|---------|----------------|
| ED                                |         |                |
| CGM                               | M       |                |
| GM                                | O       |                |
| DGM                               |         |                |
| MG                                |         |                |
| AM                                |         |                |

### CASE 2

| Designation<br>(Decreasing order) | Persons | TV<br>Channels |
|-----------------------------------|---------|----------------|
| ED                                | O       |                |
| CGM                               | M       |                |
| GM                                |         |                |
| DGM                               |         |                |
| MG                                |         |                |
| AM                                |         |                |

12. R likes Sony Channel and junior to N.
13. R is senior to Q.
14. Weight of the one who is AM is lighter than the one who is GM.
15. P is not AM in the company.

**CASE 1 is Eliminated** because O is GM and then AM must be lighter than GM i.e. either R or P, but P is not AM and R is senior to Q.

### CASE 2

| Designation<br>(Decreasing order) | Persons | TV<br>Channels |
|-----------------------------------|---------|----------------|
| ED                                | O       |                |
| CGM                               | M       |                |
| GM                                | N       |                |
| DGM                               |         |                |
| MG                                |         |                |
| AM                                | Q       |                |

16. The one who likes Aajtak is senior to P but junior to the one who likes ABP channel.
17. M does not like Aajtak. O does not like Aajtak
18. Weight of the one who likes ABP is less than the one who is AM
19. R likes Sony Channel
20. M neither likes ZEE nor ABP.

### Case-2

| Designation<br>(Decreasing order) | Persons  | TV<br>Channels |
|-----------------------------------|----------|----------------|
| ED                                | O        | <b>ABP</b>     |
| CGM                               | M        |                |
| GM                                | N        | <b>Aajtak</b>  |
| DGM                               | <b>R</b> | <b>Sony</b>    |
| MG                                | <b>P</b> |                |
| AM                                | Q        |                |

## Expected Profession Based Puzzle for Upcoming Mains Exam

### Case-2-A

| Designation<br>(Decreasing order) | Persons  | TV<br>Channels |
|-----------------------------------|----------|----------------|
| ED                                | O        | <b>ABP</b>     |
| CGM                               | M        |                |
| GM                                | N        | <b>Aajtak</b>  |
| DGM                               | <b>P</b> |                |
| MG                                | <b>R</b> | <b>Sony</b>    |
| AM                                | Q        |                |

21. The one who likes ZEE is not DGM of the company.
22. The one who like star is junior to the one who like ZEE.
23. M neither likes ZEE nor ABP

Case-2-A gets rejected since P must like ZEE, but the one who like ZEE is not the DGM.

### CASE 2

| Designation<br>(Decreasing order) | Persons | TV<br>Channels |
|-----------------------------------|---------|----------------|
| ED                                | O       | ABP            |
| CGM                               | M       |                |
| GM                                | N       | AAJ TAK        |
| DGM                               | R       | Sony           |
| MG                                | P       | ZEE            |
| AM                                | Q       | Star           |

**Final arrangement:**

| Designation<br>(Decreasing order) | Persons | TV<br>Channels |
|-----------------------------------|---------|----------------|
| ED                                | O       | ABP            |
| CGM                               | M       | IBC24          |
| GM                                | N       | AAJ TAK        |
| DGM                               | R       | Sony           |
| MG                                | P       | ZEE            |
| AM                                | Q       | Star           |

26. b

27. c

28. a

29. e

30. E

### SOLUTION (31-35):

#### Explanation in detail:

1. The one whose weight is 44 kg is either ACP or API.
2. Only three persons are there in ranks between the one whose weight is 44 kg and the one whose weight is 25 kg

### CASE 1

## Expected Profession Based Puzzle for Upcoming Mains Exam

| Designations<br>(Decreasing order) | Persons | Weight |
|------------------------------------|---------|--------|
| C.P                                |         |        |
| D.C.P                              |         |        |
| A.C.P                              |         | 44     |
| P.I                                |         |        |
| A.P.I                              |         |        |
| S.I.                               |         |        |
| A.S.I                              |         | 25     |

### CASE 2

| Designations<br>(Decreasing order) | Persons | Weight |
|------------------------------------|---------|--------|
| C.P                                |         | 25     |
| D.C.P                              |         |        |
| A.C.P                              |         |        |
| P.I                                |         |        |
| A.P.I                              |         | 44     |
| S.I.                               |         |        |
| A.S.I                              |         |        |

- At least five people junior to K.
- Only one person is there in ranks between K and the person whose weight is 41 kg.

### CASE 1

| Designations<br>(Decreasing order) | Persons | Weight |
|------------------------------------|---------|--------|
| C.P                                |         |        |
| D.C.P                              | K       |        |
| A.C.P                              |         | 44     |
| P.I                                |         | 41     |
| A.P.I                              |         |        |
| S.I.                               |         |        |
| A.S.I                              |         | 25     |

### CASE 2

| Designations<br>(Decreasing order) | Persons | Weight |
|------------------------------------|---------|--------|
| C.P                                |         | 25     |
| D.C.P                              | K       |        |
| A.C.P                              |         |        |
| P.I                                |         | 41     |
| A.P.I                              |         | 44     |
| S.I.                               |         |        |
| A.S.I                              |         |        |

### CASE 2a



## Expected Profession Based Puzzle for Upcoming Mains Exam

| Designations<br>(Decreasing order) | Persons | Weight |
|------------------------------------|---------|--------|
| C.P                                | K       | 25     |
| D.C.P                              |         |        |
| A.C.P                              |         | 41     |
| P.I                                |         |        |
| A.P.I                              |         | 44     |
| S.I.                               |         |        |
| A.S.I                              |         |        |

- The rank of both J and N were lower than the person whose weight is 41 kg.
- Only two persons are there in ranks between J and the one whose weight is 35 kg who is senior to J.
- M rank is immediately after the one whose weight is 35 kg.
- Only two persons are there in ranks between M and L.

From here case 1 and case2a eliminated (8<sup>th</sup> statement not satisfied)

### CASE2

| Designations<br>(Decreasing order) | Persons | Weight |
|------------------------------------|---------|--------|
| C.P                                | L       | 25     |
| D.C.P                              | K       |        |
| A.C.P                              |         | 35     |
| P.I                                | M       | 41     |
| A.P.I                              |         | 44     |
| S.I.                               | J       |        |
| A.S.I                              | N       |        |

- P is just senior to the one who is the second heaviest.
- N is not the lightest

### CASE 2

| Designations<br>(Decreasing order) | Persons | Weight |
|------------------------------------|---------|--------|
| C.P                                | L       | 25     |
| D.C.P                              | K       | 19     |
| A.C.P                              |         | 35     |
| P.I                                | M       | 41     |
| A.P.I                              | P       | 44     |
| S.I.                               | J       | 51     |
| A.S.I                              | N       | 57     |

### Final Arrangement

- One of the persons is O.

| Designations<br>(Decreasing order) | Persons | Weight |
|------------------------------------|---------|--------|
| C.P                                | L       | 25     |
| D.C.P                              | K       | 19     |
| A.C.P                              | O       | 35     |
| P.I                                | M       | 41     |
| A.P.I                              | P       | 44     |
| S.I.                               | J       | 51     |
| A.S.I                              | N       | 57     |

- c
- b
- b

## Expected Profession Based Puzzle for Upcoming Mains Exam

34. a

35. e

**SOLUTION (36-40):**

**Explanation in detail:**

- Q works in marketing & Sales department.
- Three department are their between the person who lives in Bhopal & U who is more experience than the person who lives in Bhopal.
- Two person lies between U & T
- One person lies between T & the person who lives in Pune
- W's is more experience than S but less experience than T.

CASE 1

| DEPARTMENT RANKS<br>(Decreasing order) | Persons | City   |
|--|---------|--------|
| R&D                                    | U       |        |
| P.R.                                   |         | Pune   |
| H.R.                                   |         |        |
| Q.M.                                   | T       |        |
| P.O.                                   |         | Bhopal |
| ACC                                    |         | Pune   |
| M&S                                    | Q       |        |
| ADMIN                                  |         |        |

CASE 2

| DEPARTMENT RANKS<br>(Decreasing order) | Persons | City   |
|--|---------|--------|
| R&D                                    |         |        |
| P.R.                                   | U       |        |
| H.R.                                   |         | Pune   |
| Q.M.                                   |         |        |
| P.O.                                   | T       |        |
| ACC                                    |         | Bhopal |
| M&S                                    | Q       |        |
| ADMIN                                  |         |        |

CASE 3

| DEPARTMENT RANKS<br>(Decreasing order) | Persons | City   |
|--|---------|--------|
| R&D                                    | T       |        |
| P.R.                                   |         |        |
| H.R.                                   |         | Pune   |
| Q.M.                                   | U       |        |
| P.O.                                   |         |        |
| ACC                                    |         |        |
| M&S                                    | Q       |        |
| ADMIN                                  |         | Bhopal |

## Expected Profession Based Puzzle for Upcoming Mains Exam

### Case-4

| DEPARTMENT RANKS<br>(Decreasing order) | Persons | City   |
|--|---------|--------|
| R&D                                    |         |        |
| P.R.                                   |         |        |
| H.R.                                   | U       |        |
| Q.M.                                   |         | Pune   |
| P.O.                                   |         |        |
| ACC                                    | T       |        |
| M&S                                    | Q       | Bhopal |
| ADMIN                                  |         | Pune   |

- R & P lives in Hyderabad and Mumbai respectively.
- No person lies between V & R.
- T's is more experience than the person who lives in Raipur
- Three person are their between P & the person who lives in Raipur
- P is more experience than V.

From here CASE 1, Case-2 and CASE 4  
Eliminated (simultaneously all the above  
statements not possible)

### CASE 3

| DEPARTMENT RANKS<br>(Decreasing order) | Persons | City      |
|--|---------|-----------|
| R&D                                    | T       |           |
| P.R.                                   | P       | Mumbai    |
| H.R.                                   |         | Pune      |
| Q.M.                                   | U       |           |
| P.O.                                   | R       | Hyderabad |
| ACC                                    | V       | Raipur    |
| M&S                                    | Q       |           |
| ADMIN                                  |         | Bhopal    |

- Neither U nor Q lives in Pune.
- Neither the person who lives in Chennai nor the person who lives in Indore has most experience
- W's is more experience than S but less experience than T.
- The person who lives in Indore is more experienced than the person who lives in Chennai.

### CASE 3

| DEPARTMENT RANKS<br>(Decreasing order) | Persons | City      |
|--|---------|-----------|
| R&D                                    | T       | Delhi     |
| P.R.                                   | P       | Mumbai    |
| H.R.                                   | W       | Pune      |
| Q.M.                                   | U       | Indore    |
| P.O.                                   | R       | Hyderabad |
| ACC                                    | V       | Raipur    |
| M&S                                    | Q       | Chennai   |
| ADMIN                                  | S       | Bhopal    |

## Expected Profession Based Puzzle for Upcoming Mains Exam

### Final arrangement:

| DEPARTMENT RANKS<br>(Decreasing order) | Persons | City      |
|--|---------|-----------|
| R&D                                    | T       | Delhi     |
| P.R.                                   | P       | Mumbai    |
| H.R.                                   | W       | Pune      |
| Q.M.                                   | U       | Indore    |
| P.O.                                   | R       | Hyderabad |
| ACC                                    | V       | Raipur    |
| M&S                                    | Q       | Chennai   |
| ADMIN                                  | S       | Bhopal    |

36. a

37. b

38. e

39. d

40. c

### SOLUTION(41-45):

#### Explanation in detail:

- Only one person has less experience than Q.
- The one who has less experience than Q works for Care Hospital.
- Only one person has more experience than L.
- The one who is specialized in neurology works for Forties hospital.
- Only two people have more experience than the one who works for Vasan healthcare.

| Specializations<br>(Decreasing order) | Persons | Hospitals |
|---------------------------------------|---------|-----------|
| Radiology                             |         |           |
| Neurology                             | L       | Forties   |
| Nephrology                            |         | Vasan     |
| Gynecology                            |         |           |
| Cardiology                            |         |           |
| Physiotherapy                         | Q       |           |
| Accident and emergency                |         | Care      |

- R works for Narayana health and has more experience than the one who works for Vasan healthcare.
- O has less experience than the one is specialized in Gynecology, but more experience than the one who works for Apollo hospital.

| Specializations<br>(Decreasing order) | Persons | Hospitals |
|---------------------------------------|---------|-----------|
| Radiology                             | R       | Narayana  |
| Neurology                             | L       | Forties   |
| Nephrology                            |         | Vasan     |
| Gynecology                            |         |           |
| Cardiology                            | O       |           |
| Physiotherapy                         | Q       | Apollo    |
| Accident and emergency                |         | Care      |

- P neither has the least experience nor did he specialize in Nephrology.
- M is not specialized in Nephrology.

## Expected Profession Based Puzzle for Upcoming Mains Exam

10. The one who works for Wockhard hospital not specialized of Gynecology.

| Specializations<br>(Decreasing order) | Persons | Hospitals |
|---------------------------------------|---------|-----------|
| Radiology                             | R       | Narayana  |
| Neurology                             | L       | Forties   |
| Nephrology                            | N       | Vasan     |
| Gynecology                            | P       | Mittal    |
| Cardiology                            | O       | Wockhard  |
| Physiotherapy                         | Q       | Apollo    |
| Accident and emergency                |         | Care      |

### Final Arrangement

| Specializations<br>(Decreasing order) | Persons | Hospitals |
|---------------------------------------|---------|-----------|
| Radiology                             | R       | Narayana  |
| Neurology                             | L       | Forties   |
| Nephrology                            | N       | Vasan     |
| Gynecology                            | P       | Mittal    |
| Cardiology                            | O       | Wockhard  |
| Physiotherapy                         | Q       | Apollo    |
| Accident and emergency                | M       | Care      |

41. e  
42. c  
43. c  
44. d

45. a

### SOLUTION(46-50):

#### Explanation in detail:

- Only four persons are Rank lies above Q.
- Only Three persons rank below the likes Mangal Pandey

| RANK<br>(Decreasing order) | Persons | Movies        |
|----------------------------|---------|---------------|
| General                    |         |               |
| Brigadier                  |         |               |
| Colonel                    |         | Mangal pandey |
| Major                      |         |               |
| Caption                    | Q       |               |
| Lieutenant                 |         |               |

- P's Rank is above the one who likes Mangal Pandey.
- R has lower Rank than Colonel.
- R's rank below P but rank above to the one who likes Border.

| RANK<br>(Decreasing order) | Persons   | Movies         |
|----------------------------|-----------|----------------|
| General                    | <b>P/</b> |                |
| Brigadier                  | <b>P/</b> |                |
| Colonel                    |           | Mangal pandey  |
| Major                      | <b>R</b>  |                |
| Caption                    | Q         | <b>Border/</b> |
| Lieutenant                 |           | <b>Border/</b> |

- More than two persons Rank's below the one who likes Raazi.
- Neither U nor P likes Raazi.

## Expected Profession Based Puzzle for Upcoming Mains Exam

### Case-1

| RANK<br>(Decreasing order) | Persons  | Movies           |
|----------------------------|----------|------------------|
| General                    |          | <b>Razzi</b>     |
| Brigadier                  | <b>P</b> |                  |
| Colonel                    |          | Mangal<br>pandey |
| Major                      | <b>R</b> |                  |
| Caption                    | Q        | <b>Border/</b>   |
| Lieutenant                 |          | <b>Border/</b>   |

### Case-2

| RANK<br>(Decreasing order) | Persons  | Movies           |
|----------------------------|----------|------------------|
| General                    | <b>P</b> |                  |
| Brigadier                  |          | <b>Razzi</b>     |
| Colonel                    |          | Mangal<br>pandey |
| Major                      | <b>R</b> |                  |
| Caption                    | Q        | <b>Border/</b>   |
| Lieutenant                 |          | <b>Border/</b>   |

8. The person who is General rank does not like Airlift.
9. U does not hold lowest Rank but Rank below to the one who likes Airlift.
10. Neither U nor P likes Raazi.

### Case-1

| RANK<br>(Decreasing order) | Persons  | Movies           |
|----------------------------|----------|------------------|
| General                    |          | <b>Razzi</b>     |
| Brigadier                  | <b>P</b> | <b>Airlift</b>   |
| Colonel                    | <b>U</b> | Mangal<br>pandey |
| Major                      | <b>R</b> |                  |
| Caption                    | Q        | <b>Border/</b>   |
| Lieutenant                 |          | <b>Border/</b>   |

### Case-2 Rejected

| RANK<br>(Decreasing order) | Persons  | Movies                    |
|----------------------------|----------|---------------------------|
| General                    | <b>P</b> | <del><b>Airlift</b></del> |
| Brigadier                  |          | <b>Razzi</b>              |
| Colonel                    | <b>U</b> | Mangal<br>pandey          |
| Major                      | <b>R</b> |                           |
| Caption                    | Q        | <b>Border/</b>            |
| Lieutenant                 |          | <b>Border/</b>            |

11. S Rank is not below the one who likes Fauji.
12. The one who likes Fauji is not Caption but rank above to the one who likes Border.
13. T does not like URI.

### Final Arrangement



## Expected Profession Based Puzzle for Upcoming Mains Exam

### Case-1

| RANK<br>(Decreasing order) | Persons  | Movies           |
|----------------------------|----------|------------------|
| General                    | <b>S</b> | <b>Razzi</b>     |
| Brigadier                  | <b>P</b> | <b>Airlift</b>   |
| Colonel                    | <b>U</b> | Mangal<br>pandey |
| Major                      | <b>R</b> | <b>Fauji</b>     |
| Caption                    | <b>Q</b> | <b>URI</b>       |
| Lieutenant                 | <b>T</b> | <b>Border</b>    |

46. E

47. C

48. d

49. c

50. e

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