

Country	No. of Offices 48	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
---------	----------------------	---------------------------	---------------------------	-------------------------------

A
B
C
D
E
F
G
H

UGC NET - DEC 2026

PAPER 1

DI

5 : 7

11 : 5

10 : 11

3 : 2

6

75%

65%

40%

60%

50%

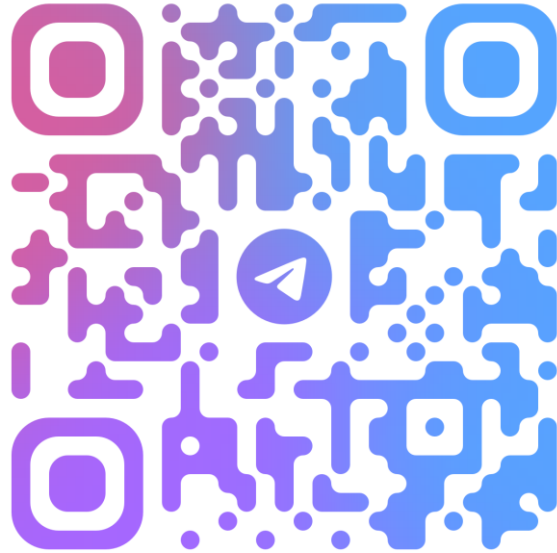


PYQ's - 09 SEP 2026 (SHIFT 2)



By Gaurav Sir





@UGCNETPAPER1BYGAURAVSI
R

Telegram



@ugcnetpaper1bygauravsir



Chats

Channels

Apps

Posts

Me



UGCNET Paper 1 by Gaurav Sir

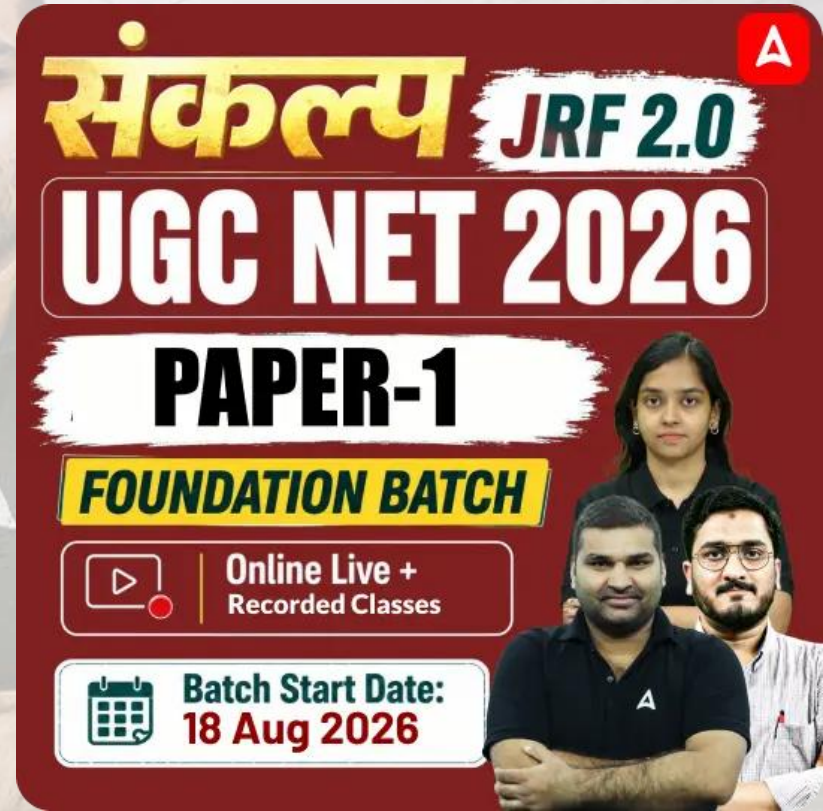
@ugcnetpaper1bygauravsir, 3 823...

USE CODE - Y177

For

Maximum Discount

UGC NET PAPER 1
FOUNDATION BATCH



संकल्प JRF 2.0

UGC NET 2026

PAPER-1

FOUNDATION BATCH

Online Live +
Recorded Classes

Batch Start Date:
18 Aug 2026

Daily - 10 AM

UGC NET

PAPER 1

By Gaurav Sir

- ☐ **Regularity**
- ☐ **Dedication**
- ☐ **Practice**
- ☐ **Patience**

$$\underline{\underline{12.5\%}}$$

$$12.5\% \text{ of } 64 = 64 \times \frac{1}{8} = 8$$

$$\rightarrow 512 = \frac{512}{8} \Rightarrow 64$$

$$12.5\% \text{ of } 1000 \Rightarrow 125$$

$$888 \rightarrow 12.5\% \Rightarrow 888 \times \frac{1}{8} = 111$$

$$100 \rightarrow 12.5\% \Rightarrow 12.5\%$$

Country-wise Employees Details in a Global Firm

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	<u>48</u>	✓ <u>5136</u> $\Rightarrow 12$	<u>5 : 7</u>	<u>75%</u>
B	<u>36</u>	✓ <u>5760</u>	<u>11 : 5</u>	<u>65%</u>
C	<u>28</u>	✓ <u>4620</u>	<u>10 : 11</u>	<u>40%</u>
D	<u>50</u>	✓ <u>7150</u>	<u>3 : 2</u>	<u>60%</u>
E	<u>26</u>	✓ <u>4108</u>	<u>7 : 6</u>	<u>50%</u>
F	<u>34</u>	✓ <u>5576</u>	<u>20 : 21</u>	<u>75%</u>
G	<u>48</u>	✓ <u>7440</u>	<u>8 : 7</u>	<u>55%</u>
H	<u>42</u>	✓ <u>6720</u>	<u>9 : 5</u>	<u>80%</u>

Country-wise Employees Details in a Global Firm

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B	36	5760	11 : 5	65%
C	28	4620	10 : 11	40%
D	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%

Country-wise Employees Details in a Global Firm

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B	36	5760	11 : 5	65%
C	28	4620	10 : 11	40%
D	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%

Country-wise Employees Details in a Global Firm

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B	36	5760	11 : 5	65%
C	28	4620	10 : 11	40%
D	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%

Country-wise Employees Details in a Global Firm

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B	36	5760	11 : 5	65%
C	28	4620	10 : 11	40%
D	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%

If M represents the total number of male employees in countries B and H together and N represents the total number of female employees in countries C and D together, then M is approximately _____ % more than N. / अगर M, देशों B और H में मिलाकर पुरुष कर्मचारियों की कुल संख्या को दिखाता है और N, देशों C और D में मिलाकर महिला कर्मचारियों की कुल संख्या को दिखाता है, तो M, N से लगभग _____ % ज्यादा है।

1. 45.67

2. 51.33

3. 61.42

4. 56.82

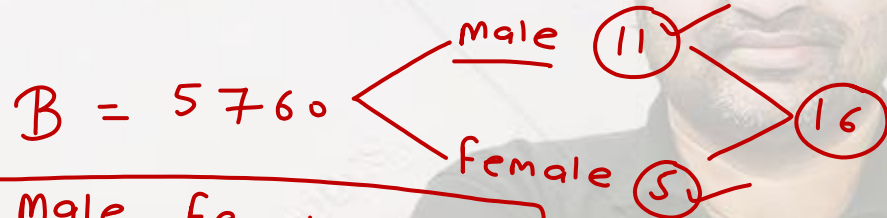
$$M = (\check{B} + \check{H}) \text{ male}$$

$$N \Rightarrow (\check{C} + \check{D}) \text{ female}$$

$$\frac{M - N}{N} \times 100\%$$

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B	36	5760	11 : 5	65%
C	28	4620	10 : 11	40%
D	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%

COUNTRY B & H



male female = 11 5

Male $\Rightarrow \frac{5760}{16} \times 11 = 360 \times 11$

3960

H $\Rightarrow 6720$
 $\begin{cases} \text{Male } 9 \\ \text{female } 5 \end{cases}$

 M F = 9 5

male = $\frac{6720}{14} \times 9$

480×9
 $\Rightarrow 4320$

TOTAL male = $\frac{3960}{+ 4320}$
8280

$$\text{female} \Rightarrow (C + D) \Rightarrow \underline{\underline{N}}$$

$$C \Rightarrow 4620 \begin{cases} 10\text{-male} \\ 11\text{-female} \end{cases}$$

$$m f = 10 \ 11$$

$$\text{female} \Rightarrow \begin{array}{r} 220 \\ \underline{4620} \\ 21 \end{array} \times \underline{11} \Rightarrow$$

$$\begin{array}{r} 2420 \\ \hline \end{array}$$

$$\text{female D}$$

$$D \Rightarrow \begin{array}{r} 1430 \\ \underline{7150} \\ 5 \end{array} \times 2$$

$$\Rightarrow \boxed{2860}$$

$$N \Rightarrow 2420 + 2860$$

$$\Rightarrow \boxed{5280}$$

$$15 \times 11$$

$$\Rightarrow \underline{165}$$

$$72 \times 11 \Rightarrow \underline{792}$$

$$22 \times 11 \Rightarrow \underline{242}$$

$$M = 8280$$

$$N = 5280$$

62541
note

$$\Rightarrow \frac{3000}{5280} \times 100 \Rightarrow$$

$$\frac{52 \times 5}{52 \times 6}$$

$$\Rightarrow \frac{260}{312}$$

$$\frac{8280 - 5280}{5280} \times 100$$

$$X A - 45.1$$

$$X B - 51.1$$

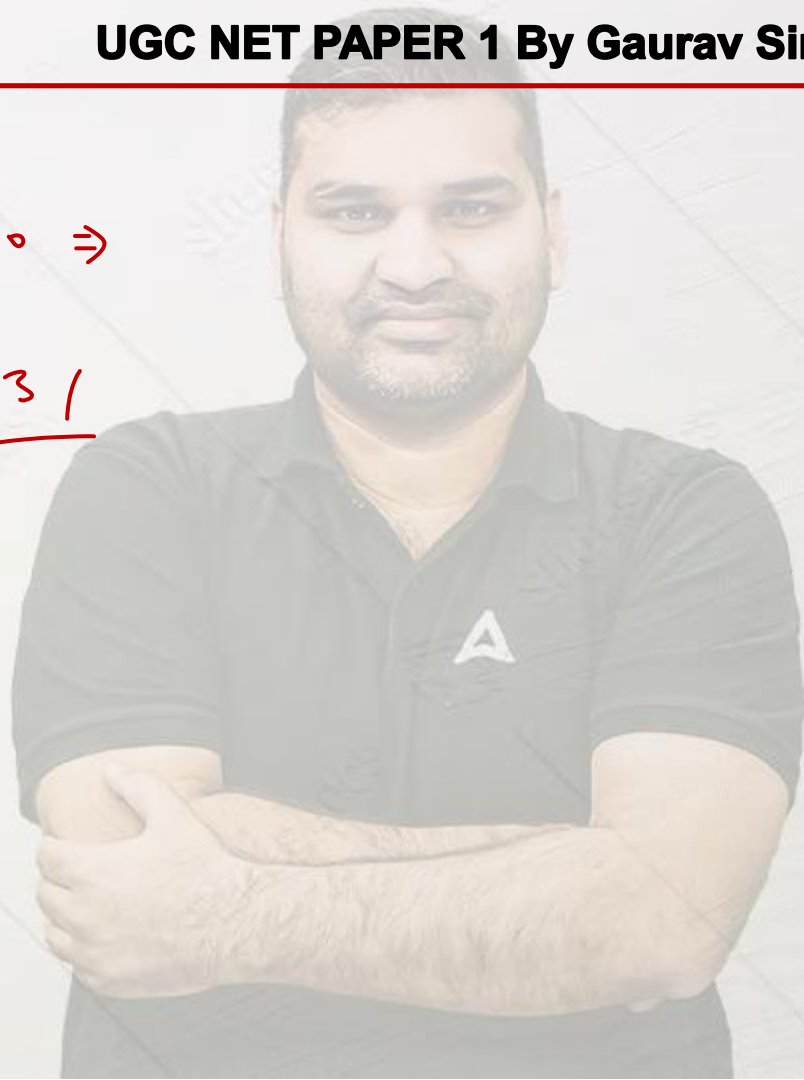
$$X C - 61.1$$

$$D - 56.1$$

$$\frac{50.1}{2640}$$

$$\frac{5}{15} \times 100 \Rightarrow$$

$$\frac{33}{1}$$



If M represents the total number of male employees in countries B and H together and N represents the total number of female employees in countries C and D together, then M is approximately _____ % more than N. / अगर M, देशों B और H में मिलाकर पुरुष कर्मचारियों की कुल संख्या को दिखाता है और N, देशों C और D में मिलाकर महिला कर्मचारियों की कुल संख्या को दिखाता है, तो M, N से लगभग _____ % ज्यादा है।

1. 45.67 40 Sec 3
2. 51.33 → $5760 \times \frac{11}{16}$ (13)
3. 61.42
4. 56.82 → $6720 \times \frac{9}{14} = 0$

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B	36	5760 $\times \frac{11}{16}$	11 : 5	65%
C	28	4620 $\times \frac{16}{14}$	10 : 11	40%
D	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%

Which of the following countries has the highest average of the number of employees per office? / इनमें से किस देश में प्रति कार्यालय कर्मचारियों की संख्या का औसत सबसे अधिक है?

$$5000 - 25 \Rightarrow 5000$$

$$1. \text{ C } \Rightarrow B = \frac{5760}{36} = 160$$

$$2. \text{ F } \Rightarrow \frac{11556}{36} = 321$$

$$3. \text{ H } \Rightarrow \frac{4620}{28} = 165$$

$$4. \text{ B } \Rightarrow \frac{28}{7} = 4$$

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B	36	5760	11 : 5	65%
C	28	4620	10 : 11	40%
D	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%







What is the difference between the average number of PG employees in countries A, B and D together and the average number of PG employees in countries F, G and H together? / देश A, B और D में मिलाकर PG कर्मचारियों की औसत संख्या और देश F, G और H में मिलाकर PG कर्मचारियों की औसत संख्या के बीच क्या अंतर है?

1. 388 $5136 \Rightarrow 501 + 251$ $A+B+D = 11886/3 \Rightarrow 3962$

2. 488 $\Rightarrow$

3. 588 $5760 \Rightarrow 501 + 101 + 51$

4. 688 $7150 \Rightarrow 501 + 101$

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B	36	5760	11 : 5	65%
C	28	4620	10 : 11	40%
D	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%

$$f = 5576 \rightarrow 75.1 \Rightarrow 50.1 + 25.1 = \frac{4182}{\quad}$$

$$g = 7440 = 55.1 \Rightarrow 50.1 + 5.1 = \frac{4092}{\quad}$$

$$h \Rightarrow \underline{6720} = \underline{80.1} \Rightarrow 100.1 - 20.1 = \frac{5376}{\quad}$$

$$\begin{array}{r} \cancel{13650} \\ \hline 3 \Rightarrow 4550 \\ \hline 3962 \\ \hline 588 \end{array}$$



Percentage of female employees with respect to the total number of employees is more than 40% for exactly _____ countries.

कुल कर्मचारियों की संख्या के मुकाबले महिला कर्मचारियों का प्रतिशत ठीक _____ देशों में 40% से ज़्यादा है।

1. 2

2. 3

3. 4

4. 5

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	12 : 5	75%
B	36	5760	16 : 11	65%
C	28	4620	21 : 10	40%
D	50	7150	5 : 3	60%
E	26	4108	13 : 7	50%
F	34	5576	41 : 20	75%
G	48	7440	15 : 8	55%
H	42	6720	14 : 9	80%

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B X	36	5760	11 : 5	65%
C	28	4620	10 : 11	40%
D X	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%

$$\frac{7}{12} \rightarrow$$

401

$$\frac{5}{16} \rightarrow$$

33+

$$\frac{400}{11} \rightarrow \frac{11}{21}$$

(5)

$$\frac{6}{13} \rightarrow$$

$$\frac{7}{15} \rightarrow$$

$$\frac{2}{5} \rightarrow$$

$$\frac{21}{41} \rightarrow$$

$$\frac{5}{16} \rightarrow$$









In the context of Country-H, if the number of male PG employees is 3600, then _____% of female employees are PGs ? / Country-H के संदर्भ में, यदि पुरुष PG कर्मचारियों की संख्या 3600 है, तो महिला कर्मचारियों का _____% PG है?

1. 64

2. 74

3. 76

4. 68

$$\begin{array}{l}
 \text{Handwritten calculation:} \\
 \frac{6720}{480} \times 5 = 14 \\
 \Rightarrow 14 \times 5 = 70 \\
 \text{Male} \quad \text{Female} \\
 \text{Male} = 3600 \quad \text{Female} = 2400
 \end{array}$$

Country	No. of Offices	Total No. of Employees	Ratio of Employees M:F	Percentage of PG Employees
A	48	5136	5 : 7	75%
B	36	5760	11 : 5	65%
C	28	4620	10 : 11	40%
D	50	7150	3 : 2	60%
E	26	4108	7 : 6	50%
F	34	5576	20 : 21	75%
G	48	7440	8 : 7	55%
H	42	6720	9 : 5	80%

$$\frac{PG \text{ Employee}}{=} = \frac{6720 \times 80\%}{}$$

$$= 5376$$

$$- 3600$$

$$1776$$

Female

$$\frac{2400}{}$$



$$\begin{array}{r}
 \textcircled{7} \quad 296 \\
 \hline
 1776 \\
 \hline
 24 \cancel{00} \\
 \hline
 4 \cancel{00} \\
 \hline
 64 \times
 \end{array}
 \quad
 \begin{array}{r}
 74 \\
 \times 100 \\
 \hline
 7400
 \end{array}$$

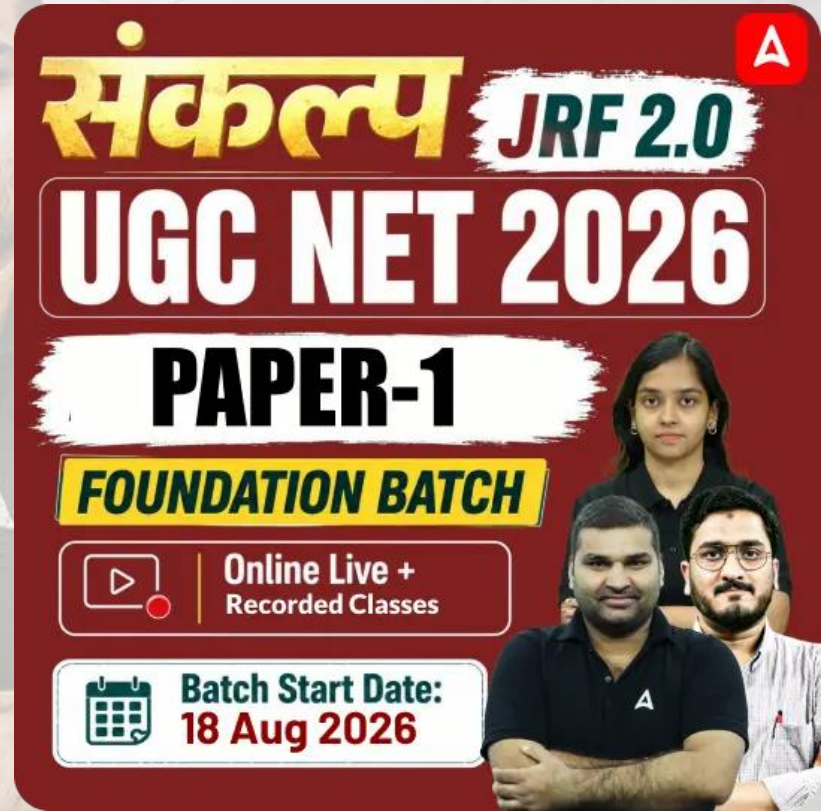
$$\begin{array}{r}
 \textcircled{74} \\
 \hline
 76 \\
 \hline
 68 \times
 \end{array}
 \quad
 \textcircled{74}$$

USE CODE - Y177

For

Maximum Discount

UGC NET PAPER 1
FOUNDATION BATCH



संकल्प JRF 2.0

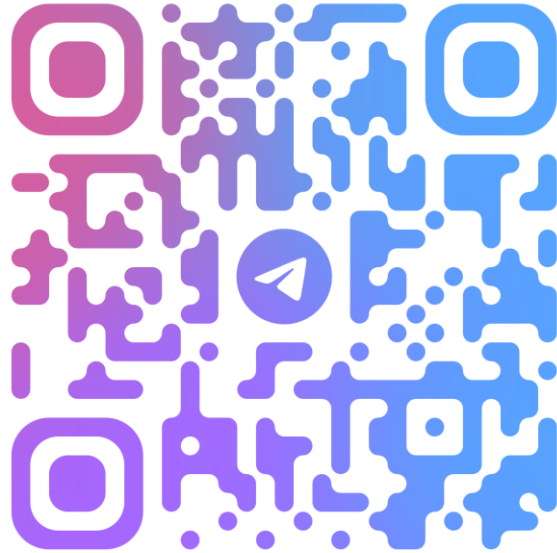
UGC NET 2026

PAPER-1

FOUNDATION BATCH

Online Live +
Recorded Classes

Batch Start Date:
18 Aug 2026



@UGCNETPAPER1BYGAURAVSI
R

Telegram



@ugcnetpaper1bygauravsir



Chats

Channels

Apps

Posts

Me



UGCNET Paper 1 by Gaurav Sir

@ugcnetpaper1bygauravsir, 3 823...

THANKS FOR

Watching
Adda247

LIKE



SHARE



COMMENT



SUBSCRIBE

