

SBI Probationary Officers

Data Interpretation

Directions (1-5): Study the following table carefully to answer the questions given below it.

Following table gives Total Residents and Percentage of Women out of those Living in Various Societies Over the Years

Years	A		B		C		D		E	
	Total Residents	% of Women	Total Residents	% of Women	Total Residents	% of Women	Total Residents	% of Women	Total Residents	% of Women
2002	250	44	280	35	200	35	180	40	220	40
2003	260	45	270	30	250	40	170	60	240	65
2004	240	35	300	45	260	45	200	70	250	50
2005	250	40	320	50	280	55	210	60	220	45
2006	220	50	300	50	240	55	220	65	240	50
2007	240	60	340	60	250	60	230	60	260	40

- What is the difference between the total residents living in all the societies together in the years 2006 and the total residents living in all the societies together in the year 2007?
 - 100
 - 85
 - 70
 - 50
 - None of these
- What is the average number of men living in all the societies together in the year 2005?
 - 110
 - 125
 - 115
 - 120
 - None of these
- What is the respective ratio of men living in Society C in the year 2002 to the year 2003?
 - 15 : 13
 - 11 : 15
 - 15 : 11
 - 13 : 15
 - None of these

- Be mentally alert in reading the question.
- It's better to attempt first with that section on which you are very confident and you can attempt in a minimum time.
- Just attend only those questions in which you are sure to give accurate answer. Don't do guess work over there.



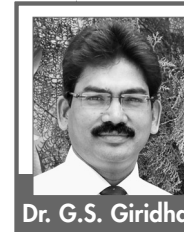
Men living in Society C..?

Explanations

- Number of all residents in:
 - Year 2006 $\Rightarrow 220 + 300 + 240 + 220 + 240 = 1220$
 - Year 2007 $\Rightarrow 240 + 340 + 250 + 230 + 260 = 1320$
 - Required difference $= 1320 - 1220 = 100$
- Total number of men living in year 2005
 - $= \frac{60}{100} \times 250 + \frac{50}{100} \times 320 + \frac{45}{100} \times 280 + \frac{40}{100} \times 210 + \frac{55}{100} \times 220$
 - $= 150 + 160 + 126 + 84 + 121 = 641$
 - \therefore Required average $= \frac{641}{5} = 128.2$
- Required ratio $= \frac{65}{100} \times 200 : \frac{60}{100} \times 250 = 130 : 150 = 13 : 15$
- Total number of women in all the societies in 2005
 - $= \frac{40 \times 250}{100} + \frac{50 \times 320}{100} + \frac{55 \times 280}{100} + \frac{60 \times 210}{100}$

$$\frac{45 \times 220}{100} = 100 + 160 + 154 + 126 + 99 = 639$$

$$\therefore \text{Required average} = \frac{639}{5} = 127.8$$



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- Total number of residents in the society E over the years
 - $= 220 + 240 + 250 + 220 + 240 + 260 = 1430$
- Number of women in society E over the years
 - $= \frac{40}{100} \times 220 + \frac{65}{100} \times 240 + \frac{50}{100} \times 250 + \frac{45}{100} \times 220 + \frac{50}{100} \times 240 + \frac{40}{100} \times 260$
 - $= 88 + 156 + 125 + 99 + 120 + 104 = 692$
 - \therefore Required ratio $= 692 : 1430 = 346 : 715$

(Writer - Director, RACE Institute, Hyderabad)

- What is the average number of women living in all the societies together in the year 2005?
 - 130.2
 - 127.8
 - 125
 - 140.4
 - None of these
- What is the respective ratio of the number of women to the total residents in Society E over the year?
 - 69 : 143
 - 344 : 715
 - 173 : 358
 - 346 : 717
 - None of these

Key				
1-1	2-5	3-4	4-2	5-5.

To complete the rearrangement..

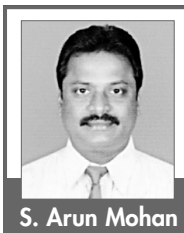
Directions (Q.1-6): Study the following information carefully and answer the given questions.

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

- Input:** jug 91 stable 24 46 32 over cake
- Step I:** 91 jug stable 24 46 32 over cake
- Step II:** 91 cake jug stable 24 46 32 over
- Step III:** 91 cake 46 jug stable 24 32 over
- Step IV:** 91 cake 46 jug 32 stable 24 over
- Step V:** 91 cake 46 jug 32 over stable 24
- Step I:** 91 cake 46 jug 32 over 24 stable and Step VI as the last step of the rearrangement. As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.

- Input:** break 72 pot new 28 36 17 store. Which of the following steps will be the last but one?
 - IV
 - V
 - VI
 - VII
 - None of these

- Step II of an input is:** 86 and 12 16 38 gone now far. How many more steps will be required to complete the rearrangement?
 - Three
 - Four
 - Five
 - Six
 - None of these



S. Arun Mohan

REASONING

- Step III of an input is:** 75 bond 69 12 yes town go 36. Which of the following is definitely the input?
 - 12 yes bond 75 69 town go 36
 - bond 12 69 yes town go 36 75
 - 69 bond 75 12 yes town go 36
 - Cannot be determined
 - None of these
- Input:** 32 for all get 12 19 high 45. Which of the following will be the step IV?
 - 45 32 for all get 12 19 high
 - 45 all 32 for get 12 19 high
 - 45 all 32 for 19 get 12 high
 - There will be no such step
 - None of these
- Step II of an input:** 59 come sow time 15 20 you 38. Which of the following steps will be the last?
 - IV
 - VI
 - V
 - VII
 - None of these
- Input:** new coat buy 16 23 49 tower 84. How many steps will be required to complete the rearrangement?
 - Four
 - Five
 - Six
 - Seven
 - None of these

Key					
1-5	2-2	3-4	4-4	5-1	6-2

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Explanations

- (1-6): After analysing the given input and various steps of rearrangement carefully, it becomes evident that in each step one word or number is rearranged. The numbers are arranged in descending order and words are arranged alphabetically.
- 1-5; Input: break 72 pot new 28 36 17 store
Step I: 72 break pot new 28 36 17 store
Step II: 72 break 36 pot new 28 17 store
Step III: 72 break 36 new pot 28 17 store
Step IV: 72 break 36 new 28 pot 17 store
Step V: 72 break 36 new 28 pot 17 store
Step VI: 72 break 36 new 28 pot 17 store
Step III is the last but one step.
- 2-2; **Step II:** 86 and 12 16 38 gone now far
Step III: 86 and 38 12 16 gone now far
Step IV: 86 and 38 far 12 16 gone now
Step V: 86 and 38 far 16 12 gone now
Step VI: 86 and 38 far 16 gone 12 now
- 3-4; Input cannot be determined from the given step.
- 4-4; **Input:** 32 for all get 12 19 high 45
Step I: 45 32 for all get 12 19 high
Step II: 45 all 32 for get 12 19 high
Step III: 45 all 32 for 19 get 12 high
Step III is the last step
- 5-1; **Step II:** 59 come sow time 15 20 you 38
Step III: 59 come 38 sow time 15 20 you
Step IV: 59 come 38 sow 20 time 15 you
Step V: 59 come 38 sow 20 time 15 you
 This is the last step.
- 6-2; **Input:** now coat buy 16 23 49 tower 84
Step I: 84 new coat buy 16 23 49 tower
Step II: 84 buy new coat 16 23 49 tower
Step III: 84 buy 49 new coat 16 23 tower
Step IV: 84 buy 49 coat new 16 23 tower
Step V: 84 buy 49 coat 23 new 16 tower
 This is the last step and hence five steps are needed.

ఉద్యోగాలు

డిప్యూటీ మేనేజర్లు

కోల్ కతాలోని గార్డెన్ రోడ్ షిప్ బిల్డింగ్ అండ్ ఇంజనీరింగ్ లిమిటెడ్ కింది పోస్టుల భర్తీకి దరఖాస్తులు ఆహ్వానిస్తున్నారు.

- ★ మేనేజర్లు: 19
- ★ డిప్యూటీ మేనేజర్లు: 11
- ★ అసిస్టెంట్ మేనేజర్లు: 3
- ★ విభాగాలు: కార్పొరేట్ ప్లానింగ్, ఫైనాన్స్, మెటీరియల్, డిజైన్, సెఫ్టీ, హెచ్ఆర్, టెక్నికల్, లీగల్, సెక్యూరిటీ మొదలైనవి.
- ★ అర్హత: సంబంధిత సర్టిఫికేట్ ఇంజనీరింగ్ / ఎంబీఏ/ డిగ్రీ/ ఎల్ఎల్బి/ సీఏ/ సీడబ్ల్యూ, తదితర అర్హతలు ఉండాలి.
- దరఖాస్తు: ఆన్లైన్లో. చివరి తేదీ: 3 జూలై
- వెబ్సైట్: www.grse.nic.in

టెక్నికల్ అసిస్టెంట్లు

- పాట్నాలలోని నేషనల్ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ కింది పోస్టుల భర్తీకి నోటిఫికేషన్ విడుదల చేసింది.
- ★ టెక్నికల్ అసిస్టెంట్లు: 47.
- ★ ఇతర ఖాళీలు: జూనియర్ ఇంజనీర్ (ఎలక్ట్రికల్) - 1, ఎస్ఎస్ఎస్ అసిస్టెంట్ - 1.
- దరఖాస్తు: వెబ్సైట్ నుంచి డౌన్లోడ్ చేసుకోవచ్చు.
- చివరి తేదీ: 10 జూలై. వెబ్సైట్: nitp.ac.in

బోర్డర్ సెక్యూరిటీ ఫోర్స్

- పారామెడికల్ విభాగాల్లో ఎస్ఐ, ఎస్ఐఐ, హెడ్ కానిస్టేబుల్ పోస్టుల భర్తీకి బోర్డర్ సెక్యూరిటీ ఫోర్స్ దరఖాస్తులు ఆహ్వానిస్తుంది.
- ★ ఎస్ఐ (స్టాఫ్ నర్స్): 8. ఇంటర్మీడియట్ జనరల్ నర్సింగ్లో డిగ్రీ / డిప్లొమా ఉండాలి. ★ ఎస్ఐఐ (ఫార్మసిస్ట్): 20. ఇంటర్మీడియట్ ఫార్మసీలో డిగ్రీ లేదా డిప్లొమా ఉండాలి.
- ఇతర పోస్టులు: ఎస్ఐఐ ఓటీ టెక్నిషియన్-2, ఎస్ఐఐ ఫిజియోథెరపిస్ట్-1, హెచ్సీ (ఎలక్ట్రిషియన్) - 1.
- దరఖాస్తు: వెబ్సైట్ నుంచి డౌన్లోడ్ చేసుకోవచ్చు.
- చివరి తేదీ: 14 జూలై. వెబ్సైట్: www.bsf.nic.in