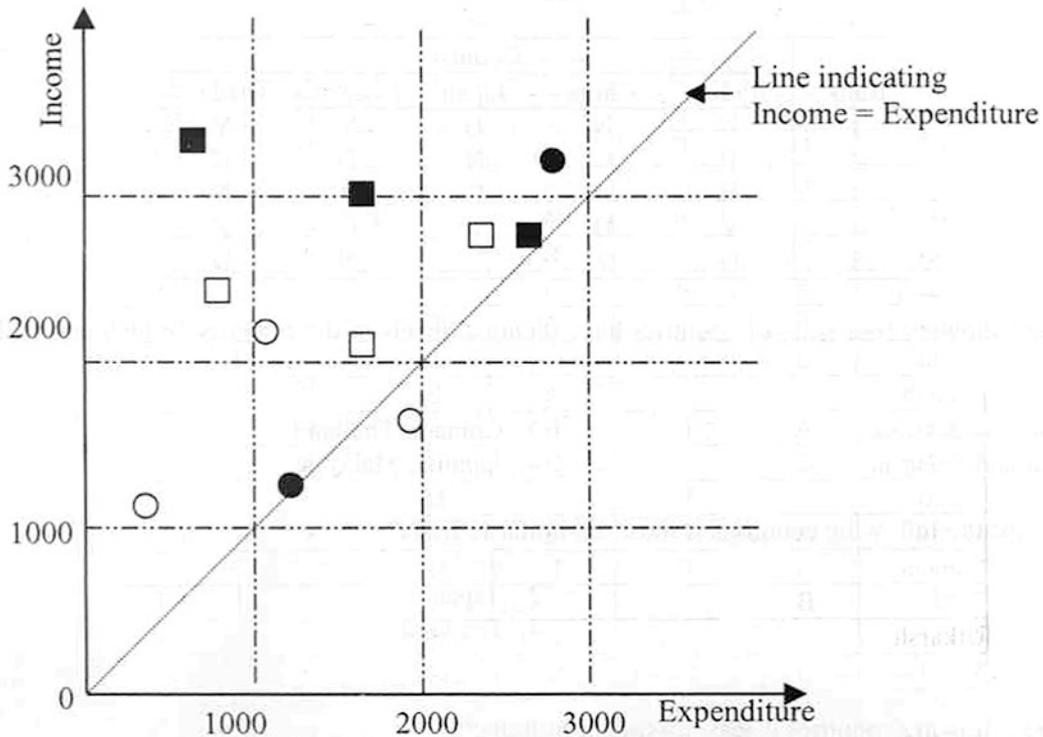


Directions for Questions 9 to 12: Answer the questions on the basis of the information given below. The data points in the figure below represent monthly income and expenditure data of individual members of the Ahuja family (■), the Bose family (□), the Coomar family (○), and the Dubey family (●). For these questions, savings is defined as

$$\text{Savings} = \text{Income} - \text{Expenditure.}$$



9. Which family has the highest average expenditure?

1. Ahuja 2. Bose 3. Coomar 4. Dubey

Sol.Ans.(4)

10. Which family has the lowest average income?

1. Ahuja 2. Bose 3. Coomar 4. Dubey

Sol.Ans.(3)

11. The highest amount of savings accrues to a member of which family?

1. Ahuja 2. Bose 3. Coomar 4. Dubey

Sol.Ans.(1)

12. Which family has the lowest average savings?

1. Ahuja 2. Bose 3. Coomar 4. Dubey

Sol.Ans.(4)

A very easy set, a good student should be able to crack in less than 3 minutes, lots of questions based on similar concepts were dealt in PT classrooms

Directions for Questions 13 to 16: Answer the questions on the basis of the information given below. The Dean's office recently scanned student results into the central computer system. When their character reading software cannot read something, it leaves that space blank. The scanner output reads as follows:

Name	Finance	Marketing	Statistics	Strategy	Operations	GPA
Aparna		B	F			1.4
Bikas	D	D	F	F		
Chandra		D	A	F	F	2.4
Deepak	A	B		D	D	3.2
Fazal	D	F	B		D	2.4
Gowri	C	C	A		B	3.8
Hari		B	A		D	2.8
Ismet			B		A	
Jagdeep	A	A	B		C	3.8
Kunal	F		A	F	F	1.8
Leena	B	A		B	F	3.2
Manab			A	B	B	
Nisha	A	D	B	A	F	3.6
Osman	C		B	B	A	4.6
Preeti	F	D		D		3.2
Rahul	A	C	A		F	4.2
Sameer		C	F	B		
Tara	B					2.4
Utkarsh			F	C	A	3.0
Vipul	A		C	C	F	2.4

In the grading system, A, B, C, D, and F grades fetch 6, 4, 3, 2, and 0 grade points respectively. The Grade Point Average (GPA) is the arithmetic mean of the grade points obtained in the five subjects. For example Nisha's GPA is $(6 + 2 + 4 + 6 + 0) / 5 = 3.6$.

Some additional facts are also known about the students' grades. These are

- (a) Vipul obtained the same grade in Marketing as Aparna obtained in Finance and Strategy.
- (b) Fazal obtained the same grade in Strategy as Utkarsh did in Marketing.
- (c) Tara received the same grade in exactly three courses.

13. In Operations, Tara could have received the same grade as

- 1. Ismet
- 2. Hari
- 3. Jagdeep
- 4. Manab

Sol. For Q.13 to Q.16 :

After solving for the grades of Aparna, Fazal, Gowri, Rahul, Utkarsh and Vipul we get grades as F, F, C for Finance, Strategy and Operations resp. for Aparna. Rank of Fazal and Gowri is B and C in strategy resp. Rank of Rahul in Strategy is A. Ranks for Utkarsh in Finance and Marketing is D and B resp. rank for Vipul in Marketing is F. Now we can get all the answers.

Sol.Ans.(4).

14. What grade did Preeti obtain in Statistics?

- 1. A
- 2. B
- 3. C
- 4. D

Sol.Ans.(1).

15. What grade did Utkarsh obtain in Finance?

1. B

2. C

3. D

4. F

Sol.Ans.(3).

16. In Strategy, Gowri's grade point was higher than that obtained by

1. Fazal

2. Hari

3. Nisha

4. Rahul

Sol.Ans.(2).