Sample Data Interpretation Questions for BBA Entrance Exam

50 MCQs | 10 Data Sets | Fully Solved

Covers tables, pie charts, bar graphs, and line graphs — the most common DI formats seen in BBA entrance exams such as SET, NPAT, IPMAT and CUET.

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Data Set 1: Sales of Products (in '000 units), 2020–2023

Product	2020	2021	2022	2023
A	120	135	150	165
B	200	180	210	190
C	90	100	95	110
D	150	160	175	180
E	80	95	100	105

Study the table above and answer questions 1–5.

Q1. What is the total sales of Product A over the four years (in '000 units)?
- (a) 550
- (b) 570
- (c) 590
- (d) 560

Q2. Which product recorded the highest total sales over 2020–2023?
- (a) A
- (b) B
- (c) D
- (d) E

Q3. What is the percentage increase in sales of Product C from 2020 to 2023?
- (a) 20%
- (b) 22.22%
- (c) 25%
- (d) 18%

Q4. What is the average annual sales of Product D over the four years (in '000 units)?
- (a) 160
- (b) 165
- (c) 166.25
- (d) 170

Q5. In which year was the total combined sales of all five products the highest?
- (a) 2020
- (b) 2021
- (c) 2022
- (d) 2023

Data Set 2: Monthly Expenditure of a Family (Total Income: ■60,000)

Category	Food	Rent	Education	Transportation	Savings	Others
% of Income	25%	20%	15%	10%	15%	15%

Study the percentage distribution above and answer questions 6–10.

Q6. How much does the family spend on Food every month?

(a) ■12,000
(b) ■15,000
(c) ■18,000
(d) ■10,000

Q7. How much more does the family spend on Rent than on Transportation?

(a) ■4,000
(b) ■5,000
(c) ■6,000
(d) ■7,000

Q8. What is the ratio of expenditure on Education to Savings?

(a) 1:1
(b) 2:1
(c) 3:2
(d) 1:2

Q9. If the family's income increases by 10% next year and the percentage distribution stays the same, what will be the new expenditure on Food?

(a) ■16,000
(b) ■16,500
(c) ■17,000
(d) ■15,500

Q10. What is the combined percentage of expenditure on Food and Rent?

(a) 40%
(b) 45%
(c) 50%
(d) 35%

Data Set 3: Student Enrollment in Colleges (in hundreds), 2021–2023

College	2021	2022	2023
P	12	14	16
Q	18	16	20
R	10	12	11
S	15	17	19
T	8	10	13

Study the bar-graph data above and answer questions 11–15.

Q11. What is the total enrollment in College Q over the three years (in hundreds)?

(a) 50
(b) 52
(c) 54
(d) 56

Q12. Which college had the highest enrollment in 2023?

(a) P
(b) Q
(c) S
(d) T

Q13. What was the percentage increase in enrollment of College T from 2021 to 2023?

(a) 50%
(b) 60%
(c) 62.5%
(d) 65%

Q14. What is the average enrollment of College R over the three years (in hundreds)?

(a) 10
(b) 10.5
(c) 11
(d) 11.5

Q15. What is the combined enrollment of all colleges in 2022 (in hundreds)?

(a) 65
(b) 67
(c) 69
(d) 71

Data Set 4: Annual Revenue of a Company (■ lakh), 2018–2023

Year	2018	2019	2020	2021	2022	2023
Revenue	320	350	300	380	420	460

Study the line-graph data above and answer questions 16–20.

Q16. What is the percentage growth in revenue from 2018 to 2023?

(a) 40%
(b) 43.75%
(c) 45%
(d) 50%

Q17. In which year did the company witness a decline in revenue compared to the previous year?

(a) 2019
(b) 2020
(c) 2021
(d) 2022

Q18. What is the average revenue over the six years (■ lakh)?

(a) 365
(b) 370
(c) 371.67
(d) 375

Q19. What is the percentage increase in revenue from 2021 to 2022?

(a) 8%
(b) 10.53%
(c) 12%
(d) 15%

Q20. What was the absolute increase in revenue from 2022 to 2023 (■ lakh)?

(a) 30
(b) 35
(c) 40
(d) 45

Data Set 5: Marks of Students in Five Subjects (out of 100 each)

Student	Maths	English	Science	SST	Computer
A	85	78	90	82	88
B	72	65	70	75	68
C	90	85	88	92	95
D	60	55	65	58	62
E	78	80	75	79	82
F	95	90	92	88	91

Study the table above and answer questions 21–25.

Q21. What is the total marks obtained by Student C in all subjects?
(a) 440
(b) 445
(c) 450
(d) 455

Q22. What is the percentage of marks obtained by Student D (out of 500)?
(a) 55%
(b) 58%
(c) 60%
(d) 62%

Q23. Who scored the highest total marks among all students?
(a) A
(b) C
(c) E
(d) F

Q24. What is the average marks scored by Student A across all subjects?
(a) 83.6
(b) 84.6
(c) 85.6
(d) 82.6

Q25. What is the difference between the total marks of Student F and Student D?
(a) 150
(b) 156
(c) 160
(d) 146

Data Set 6: Population of Five Cities (in lakhs), 2019–2023

City	2019	2020	2021	2022	2023
M	25	26	28	29	31
N	40	41	43	44	46

O	15	16	16	17	18
P	32	33	34	36	37
Q	20	21	22	23	24

Study the table above and answer questions 26–30.

Q26. What is the total population of City N over the 5 years combined (in lakhs)?

(a) 210
(b) 212
(c) 214
(d) 216

Q27. What is the percentage growth in population of City O from 2019 to 2023?

(a) 15%
(b) 18%
(c) 20%
(d) 25%

Q28. Which city had the second-highest population in 2023?

(a) M
(b) N
(c) P
(d) Q

Q29. What is the average population of City Q over the 5 years (in lakhs)?

(a) 21
(b) 21.5
(c) 22
(d) 22.5

Q30. By how much did the population of City M increase from 2020 to 2022 (in lakhs)?

(a) 2
(b) 3
(c) 4
(d) 5

Data Set 7: Market Share of Smartphone Companies

Company	Alpha	Beta	Gamma	Delta	Epsilon
Market Share	30%	25%	20%	15%	10%

Study the pie-chart data above and answer questions 31–35.

Q31. If the total market size is 4,00,000 units, how many units did Company Alpha sell?

(a) 1,00,000
(b) 1,10,000
(c) 1,20,000
(d) 1,30,000

Q32. What is the combined market share of Gamma, Delta, and Epsilon?

(a) 40%
(b) 42%
(c) 45%
(d) 48%

Q33. What is the ratio of market share of Alpha to Epsilon?

(a) 2:1
(b) 3:1
(c) 4:1
(d) 3:2

Q34. If Company Beta's units sold were 1,00,000, what is the total market size?

(a) 3,50,000
(b) 3,80,000
(c) 4,00,000
(d) 4,20,000

Q35. Which two companies together hold exactly half of the market share?

(a) Alpha & Beta
(b) Alpha & Gamma
(c) Beta & Delta
(d) Gamma & Epsilon

Data Set 8: Car Production by Companies (in thousands), Quarterly

Company	Q1	Q2	Q3	Q4
W	45	50	48	55
X	60	58	62	65
Y	35	38	40	42
Z	50	52	49	53

Study the table above and answer questions 36–40.

Q36. What is the total production of Company X over the four quarters (in thousands)?

(a) 240
(b) 242
(c) 245
(d) 248

Q37. In which quarter was the total production (all companies combined) the highest?

(a) Q1
(b) Q2
(c) Q3
(d) Q4

Q38. What is the percentage increase in production of Company Y from Q1 to Q4?

(a) 15%
(b) 18%
(c) 20%
(d) 22%

Q39. What is the average quarterly production of Company Z (in thousands)?

(a) 50
(b) 51
(c) 52
(d) 53

Q40. Which company had the least total production over the four quarters?

(a) W
(b) X
(c) Y
(d) Z

Data Set 9: Mode of Transport Used by 500 Employees

Mode	Car	Bus	Bike	Train	Walk
No. of Employees	150	120	100	80	50

Study the bar-graph data above and answer questions 41–45.

Q41. What percentage of employees use Bus as their mode of transport?

(a) 20%
(b) 22%
(c) 24%
(d) 26%

Q42. What is the ratio of employees using Car to those using Bike?

(a) 3:2
(b) 2:1
(c) 5:3
(d) 3:1

Q43. How many employees use either Train or Walk?

(a) 120
(b) 125
(c) 130
(d) 135

Q44. What is the combined percentage of employees using Car and Bus?

(a) 50%
(b) 52%
(c) 54%
(d) 56%

Q45. If 20% of Bike users switch to Bus, how many employees would then use Bus?

(a) 130
(b) 135
(c) 140
(d) 145

Data Set 10: Imports and Exports of a Country (in $ million), 2018–2022

Year	2018	2019	2020	2021	2022
Imports	500	540	480	600	650
Exports	420	470	390	550	600

Study the table above and answer questions 46–50.

Q46. What was the trade deficit (Imports – Exports) in 2020?

(a) $80 million
(b) $85 million
(c) $90 million
(d) $95 million

Q47. In which year was the trade deficit the highest?

(a) 2018
(b) 2019
(c) 2020
(d) 2021

Q48. What is the total exports over the 5 years ($ million)?

(a) 2400
(b) 2420
(c) 2430
(d) 2450

Q49. What is the percentage increase in imports from 2018 to 2022?

(a) 25%
(b) 28%
(c) 30%
(d) 32%

Q50. What is the export-to-import ratio in 2021?

(a) 10:11
(b) 11:12
(c) 9:10
(d) 12:13

Answer Key

1. (b)	2. (b)	3. (b)	4. (c)	5. (d)
6. (b)	7. (c)	8. (a)	9. (b)	10. (b)
11. (c)	12. (b)	13. (c)	14. (c)	15. (c)
16. (b)	17. (b)	18. (c)	19. (b)	20. (c)
21. (c)	22. (c)	23. (d)	24. (b)	25. (b)
26. (c)	27. (c)	28. (c)	29. (c)	30. (b)
31. (c)	32. (c)	33. (b)	34. (c)	35. (b)
36. (c)	37. (d)	38. (c)	39. (b)	40. (c)
41. (c)	42. (a)	43. (c)	44. (c)	45. (c)
46. (c)	47. (c)	48. (c)	49. (c)	50. (b)

Tip: Re-attempt each data set without looking at the answer key first, then check your accuracy and speed. Aim to solve each 5-question set within 6–7 minutes for exam-level pacing.