

DI Bar Chart Questions for SBI Clerk Pre, IBPS Clerk Pre, IBPS RRB and LIC Assistant Pre Exams.

DI Bar Chart No.73

Directions: Study the following bar chart carefully and answer the questions given beside.

Agriculture Energy Industry Others 50 45 45 40 35 33 35 30 30 30 30 25 25 25 25 25 20 20 20 20 15 15 12 10 10 5 0 Fourth Plan Fifth Plan Sixth Plan Sevevth Plan

Public Sector Outlay (in percentage) of different sectors is given below.

1. Public sector outlay was Rs. 40,000 crores in the fifth plan and around Rs.1 lakh crores in the sixth plan. What is the percentage increase in the amount spent towards Energy sector from the fifth plan to the sixth plan?

A. 40% B. 375% C. 275% D. 26% E. 62%

2. In the seventh plan, the amount spent towards Industry was Rs. 26,400 crores. What was the amount spent towards Transport and Communication, if it was 40% of 'others'?(in Rs. crores)

A. 29,040 B. 22,400 C. 88,000 D. 43,040 E. 36,000

3. During the fifth plan, 65% of the amount spent in the Agriculture sector was through private investment. If the private investment was 5,200 crores then, what was the total outlay of the fifth plan?

A. Rs. 8,000 crores B. Rs. 24,000 crores C. Rs. 40,000 crores D. Rs. 32,000 crores E. Rs. 43,000 crores

4.	During the fourth plan and the seventh plan, the total public sector outlay was Rs. 16,000 crores and Rs. 2.2 lac crores respectively. The percentage increase in deployment of funds was the maximum for which of the following sectors from the fourth plan to the seventh plan?					
A. Agriculture E. Others		B. Energy	C. Industry	D. Both Agriculture and industry		
5.	Out of the four sectors given, how many sectors showed a consistent trend(increase or decrease) in the allocation between the fourth plan and the seventh plan					
A. Nor	ie	B. One	C. Two	D. Three	E. Can't be determined	
Correct Answers:						
			1 2 3	4 5		
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Explanations :

1.

$$\left\{ \left(\frac{30}{20}\right) \left(\frac{100}{40}\right) - 1 \right\} \times 100 = 275\%$$

Alternate solution:

The increase of allotments of funds from fifth plan to sixth plan is {30% of 1 lakh – 20% of 40,000} crores

= Rs. (30,000 - 8,000) crores = Rs. 22,000 crores

% increase = $22000 \times \frac{100}{8000} = 22 \times 12.5 = 275\%$

Hence, Option C is correct.

2. 12% of total outlay = 26,400

Outlay = 220,000 = Rs. 2.2 lac crores

Amount spent towards transport and communication =40% of 33% of 2.2 lac crores

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$$= 0.4 \times \frac{33}{100} \times 2,20,000 = \text{Rs.} 29040 \text{ crores}$$

Hence, Option A is correct.

3. Amount spent towards Agriculture in fifth plan = 20% of total outlay

Private investment = 5,200

65% of 20% of total outlay = 5,200

Total outlay = Rs. 40,000 crores

Hence, Option C is correct.

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4. Percentage increase in agriculture sector

$$= \left\{ \frac{25 \times 220 - 20 \times 16}{20 \times 16} \right\} \times 100$$
$$= \left\{ \frac{25 \times 220}{20 \times 16} - 1 \right\} \times 100$$
$$= \left\{ \left(\frac{25}{20} \times \frac{220}{16} \right) - 1 \right\} \times 100$$

From the above it can be seen that the second fraction 220/16 will be the same for all four sectors. Hence, the highest percentage increase will be for the sector that has the highest value of the first fraction.

For agriculture it is $\frac{25}{20} = 1.25$ For Energy it is $\frac{30}{25} = 1.2$ For industry it is $\frac{12}{10} = 1.2$ For others it is a decrease.

Agriculture has the maximum percentage increase.

Hence, Option A is correct.

5. By simple observation, we can see that none of the given sectors has shown a consistent trend in allocation.

Hence, Option A is correct.



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