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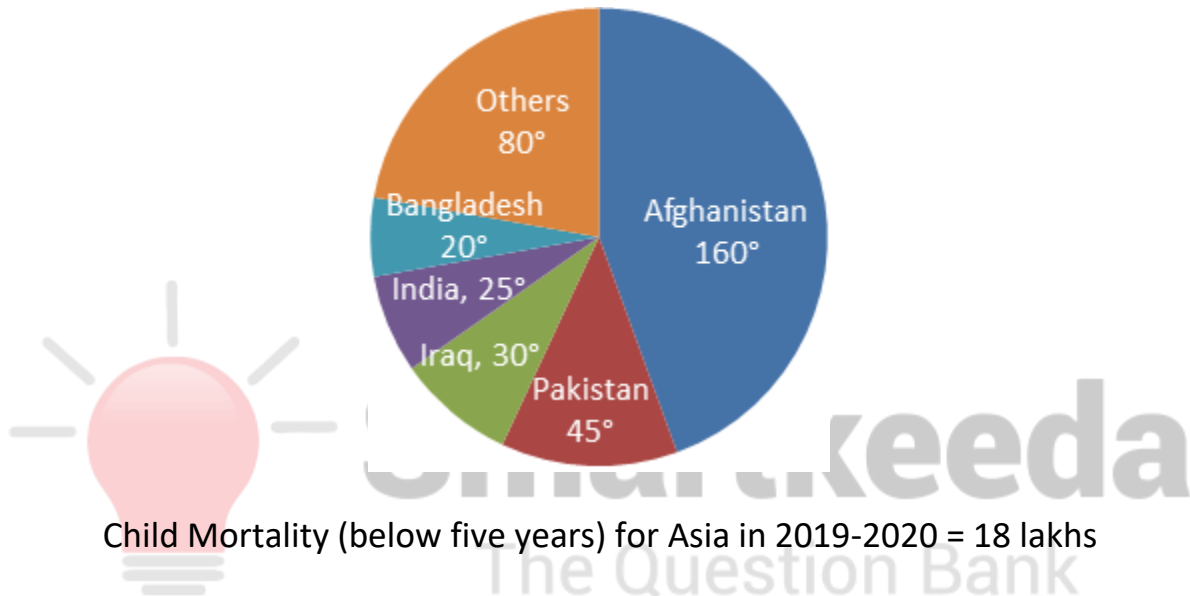
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# DI Pie Chart Questions for SBI Clerk Pre, IBPS Clerk Pre, IBPS RRB and LIC Assistant Pre Exams.

## DI Pie Chart No.64

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

The following pie-chart represents the child mortality for children below five years of age in Asia in the year 2019-2020.



- 1. In the year 2019-20, the child mortality in Afghanistan was 40% of its total population of children below five years of age. Find the total population of children below five years of age in Afghanistan.**  
A. 40 lakhs      B. 24 lakhs      C. 16 lakhs      D. 20 lakhs      E. 28 lakhs
- 2. What is the difference in percentage points of the child mortality in Iraq and that in Pakistan?**  
A. 12.5%      B. 8.33%      C. 4.17%      D. 3.33%      E. 5.0%
- 3. From 2018-19 to 2019-20, child mortality rate increased by 25% in India and 8% in Asia. How many children below five years of age died in 2018-19 in the rest of Asia (outside India)?**  
A. 15.66 lakhs      B. 16.66 lakhs      C. 17.44 lakhs      D. 18.44 lakhs      E. 19.33 lakhs

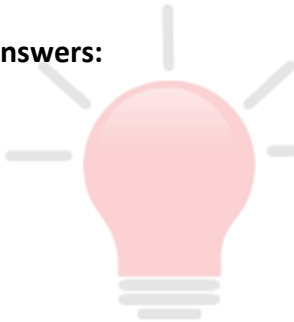
4. If in 2020-21 the child mortality rate in Bangladesh is expected to decrease by 40% over that in 2019-2020, while that of all other countries remains the same, then the angle made by Bangladesh in the pie-chart drawn for 2020-21 will be

- A.  $10.81^\circ$       B.  $11.12^\circ$       C.  $12^\circ$       D.  $12.27^\circ$       E.  $15.16^\circ$

5. In "others" half of the cases are recorded from Far East countries and 20% from Arab countries. Then the angle made by the remaining countries in others is

- A.  $40^\circ$       B.  $64^\circ$       C.  $24^\circ$       D.  $36^\circ$       E.  $32^\circ$

Correct Answers:



1	2	3	4	5
D	C	A	D	C

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## Explanations :

1.

$$\text{Child mortality in Afghanistan} = \frac{160 \times 18}{360} = 8 \text{ lakhs}$$

But this is equal to 40% of its child population below five years of age.

$$\text{Child population of this segment} = \frac{8 \times 100}{40} = 20 \text{ lakhs.}$$

Hence, option D is correct.

2. Difference in percentage points of child mortality in Iraq and Pakistan

$$= \frac{(45 - 30) \times 100}{360} = \text{approx } 4.17\%$$

Hence, option C is correct.

3. Child Mortality in India in 2019-20

$$= \frac{25 \times 18}{360} = 1.25 \text{ lakhs}$$

$$\text{Child Mortality in India in 2018-19 was} = \frac{1.25 \times 100}{125} = 1 \text{ lakhs}$$

$$\text{Child Mortality in Asia in 2018-19 was} = \frac{18 \times 100}{108} = 16.66 \text{ lakhs}$$

$$\text{Child Mortality in rest of Asia} = (16.66 - 1) \text{ lakhs} = 15.66 \text{ lakhs}$$

Hence, option A is correct.

4. If child mortality in Bangladesh decreases by 40% it will reduce by 40% of 20 i.e., 8°.

The total will also reduce to  $360^\circ - 8^\circ = 352^\circ$

$$\text{Hence child mortality rate in 2020-21 would be} = \frac{(20^\circ - 8^\circ) \times 360^\circ}{352^\circ} = \frac{12 \times 360}{352} = 12.27^\circ$$

Hence, option D is correct.

5. In others half i.e.,  $40^\circ$  are from Far East countries. 20% i.e.,  $\frac{80 \times 20}{100} = 16^\circ$  are from Arab countries.

Angle made by remaining countries in others will be =  $80 - 40 - 16 = 24^\circ$

Hence, option C is correct.



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