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Date Interpretation Table Chart Questions for IBPS PO Mains, SBI PO Mains and RBI Grade B Exams.

DI Table Chart Quiz 55

Directions: Study the following information carefully and answer the questions given beside:

Table shows the Production, Export and Import of crude oil of 10 countries in 2010 while Table shows the percentage increase in Production, Export and Import of crude oil from 2010 to 2012. Study the tables and answer the questions.

Note 1: consumption = Production + import – export

| Country | Production | Export | Import |
|-------------|------------|--------|--------|
| Afghanistan | 2300 | 600 | 300 |
| Bangladesh | 1600 | 500 | 400 |
| Bhutan | 1900 | 500 | 500 |
| India | 2100 | 800 | 400 |
| Maldives | 900 | 300 | 1400 |
| Nepal | 3100 | 2100 | 1300 |
| Pakistan | 5800 | 4400 | 300 |
| Sri lanka | 6000 | 5100 | 450 |
| Dubai | 5400 | 4200 | 550 |
| Abu Dhabi | 5200 | 4800 | 400 |

| | Production | Export | Import |
|--------------------|------------|--------|--------|
| Afghanistan | 20% | 15% | 18% |
| Bangladesh | 25% | 24% | 22% |
| Bhutan | 25% | 25% | 20% |
| India | 22% | 20% | 15% |
| Maldives | 24% | 25% | 22% |
| Nepal | 15% | 12% | 15% |
| Pakistan | 18% | 20% | 15% |
| Sri Lanka | 16% | 13% | 17% |
| Dubai | 12% | 12% | 10% |
| Abu Dhabi | 14% | 10% | 15% |

1. What is the average consumption of crude oil in each of the ten countries in 2010?

- A. 1200 million gallons B. 1700 million gallons C. 2400 million gallons
D. 3000 million gallons E. 3500 million gallons

2. What is the average consumption of crude oil in each of the ten countries in 2012?

- A. 2055.05 million gallons B. 2065.05 million gallons C. 2045.05 million gallons
D. 2035.05 million gallons E. None of these

3. What is the export to import ratio of the 10 countries together in 2010?

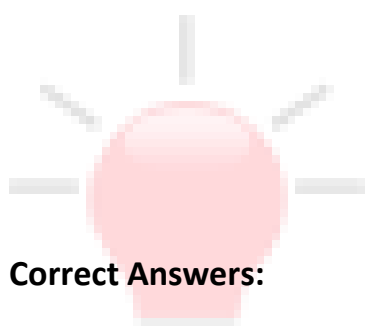
- A. 231 : 60 B. 233 : 62 C. 233 : 60 D. 200 : 61 E. 200 : 63

4. The percentage increase in the crude oil consumption from 2010 to 2012, is highest for which among the following countries?

- A. Country - 2 B. Country - 4 C. Country - 6 D. Country - 8 E. Country - 10

5. In 2012, which country's import to consumption ratio was highest for which among the following countries?

- A. Country - 1 B. Country - 3 C. Country - 5 D. Country - 7 E. Country - 9



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Correct Answers:

| | | | | |
|----------|----------|----------|----------|----------|
| 1 | 2 | 3 | 4 | 5 |
| B | A | C | E | C |

Explanations:

1. Total consumption of crude oil = $(2300 + 1600 + 1900 + 2100 + 900 + 3100 + 5800 + 6000 + 5400 + 5200) + (300 + 400 + 500 + 400 + 1400 + 1300 + 300 + 450 + 550 + 400) - (600 + 500 + 500 + 800 + 300 + 2100 + 4400 + 5100 + 4200 + 4800) = 34300 + 6000 - 23300 = 17000$ million gallons

Required average = $\frac{17000}{10} = 1700$ million gallons

Hence, option (B) is correct.

2. The table for year 2012 is as under

| | Production | Export | Import | Consumption |
|-------------|------------|--------|--------|--------------------------------|
| Afghanistan | 2760 | 690 | 354 | $2760 + 354 - 690 = 2424$ |
| Bangladesh | 2000 | 620 | 488 | $2000 + 488 - 620 = 1868$ |
| Bhutan | 2375 | 625 | 600 | $2375 + 600 - 625 = 2350$ |
| India | 2562 | 960 | 460 | $2562 + 460 - 960 = 2062$ |
| Maldives | 1116 | 375 | 1708 | $1116 + 1708 - 375 = 2449$ |
| Nepal | 3565 | 2352 | 1495 | $3565 + 1495 - 2352 = 2708$ |
| Pakistan | 6844 | 5280 | 345 | $6844 + 345 - 5280 = 1909$ |
| Sri Lanka | 6960 | 5763 | 526.5 | $6960 + 526.5 - 5763 = 1723.5$ |
| Dubai | 6048 | 4704 | 605 | $6048 + 605 - 4704 = 1949$ |
| Abu Dhabi | 5928 | 5280 | 460 | $5928 + 460 - 5280 = 1108$ |

$$\text{Required average} = \frac{2424 + 1868 + 2350 + 2062 + 2449 + 2708 + 1909 + 1723.5 + 1949 + 1108}{10}$$

$$= \frac{20550.5}{10} = 2055.05 \text{ million gallons}$$

Hence, option (A) is correct.

3. The import of the 10 countries together = $300 + 400 + 500 + 400 + 1400 + 1300 + 300 + 450 + 550 + 400 = 6000$ million gallons

The export of the 10 countries together = $600 + 500 + 500 + 800 + 300 + 2100 + 4400 + 5100 + 4200 + 4800 = 23300$ million gallons

Required ratio = 233 : 60

Hence, option (C) is correct.

4.

| 2010 | | | | |
|-------------|------------|--------|--------|-------------|
| | Production | Export | Import | Consumption |
| Afghanistan | 2300 | 600 | 300 | 2000 |
| Bangladesh | 1600 | 500 | 400 | 1500 |
| Bhutan | 1900 | 500 | 500 | 1900 |
| India | 2100 | 800 | 400 | 1700 |
| Maldives | 900 | 300 | 1400 | 2000 |
| Nepal | 3100 | 2100 | 1300 | 2300 |
| Pakistan | 5800 | 4400 | 300 | 1700 |
| Sri Lanka | 6000 | 5100 | 450 | 1350 |
| Dubai | 5400 | 4200 | 550 | 1750 |
| Abu Dhabi | 5200 | 4800 | 400 | 800 |

| 2012 | | | | |
|-------------|------------|--------|--------|--------------------------------|
| | Production | Export | Import | Consumption |
| Afghanistan | 2760 | 690 | 354 | $2760 + 354 - 690 = 2424$ |
| Bangladesh | 2000 | 620 | 488 | $2000 + 488 - 620 = 1868$ |
| Bhutan | 2375 | 625 | 600 | $2375 + 600 - 625 = 2350$ |
| India | 2562 | 960 | 460 | $2562 + 460 - 960 = 2062$ |
| Maldives | 1116 | 375 | 1708 | $1116 + 1708 - 375 = 2449$ |
| Nepal | 3565 | 2352 | 1495 | $3565 + 1495 - 2352 = 2708$ |
| Pakistan | 6844 | 5280 | 345 | $6844 + 345 - 52280 = 1909$ |
| Sri Lanka | 6960 | 5763 | 526.5 | $6960 + 526.5 - 5763 = 1723.5$ |
| Dubai | 6048 | 4704 | 605 | $6048 + 605 - 4704 = 1949$ |
| Abu Dhabi | 5928 | 5280 | 460 | $5928 + 460 - 5280 = 1108$ |

| | Percentage increase in consumption of crude oil |
|-------------|---|
| Afghanistan | $(2424 - 2000) \times 100/2000 = 21.2 \%$ |
| Bangladesh | $(1868 - 1500) \times 100/1500 = 24.53 \%$ |
| Bhutan | $(2350 - 1900) \times 100/1900 = 23.68 \%$ |
| India | $(2062 - 1700) \times 100/1700 = 21.29 \%$ |
| Maldives | $(2449 - 2000) \times 100/2000 = 22.45 \%$ |
| Nepal | $(2708 - 2300) \times 100/2300 = 17.74 \%$ |
| Pakistan | $(1909 - 1700) \times 100/1700 = 12.29 \%$ |
| Sri Lanka | $(1723.5 - 1350) \times 100/1350 = 27.67 \%$ |
| Dubai | $(1949 - 1750) \times 100/1750 = 11.37 \%$ |
| Abu Dhabi | $(1108 - 800) \times 100/800 = 38.5 \%$ |

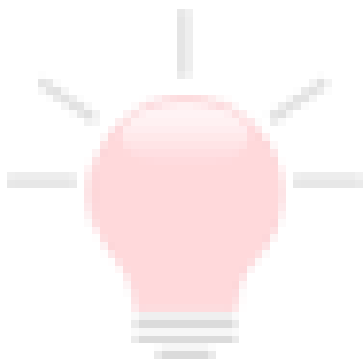
Hence, option (E) is correct.

5.

| 2012 | | | | | |
|-------------|------------|--------|--------|-------------|--------------------|
| | Production | Export | Import | Consumption | Import/Consumption |
| Afghanistan | 2760 | 690 | 354 | 2424 | 0.14604 |
| Bangladesh | 2000 | 620 | 488 | 1868 | 0.261242 |
| Bhutan | 2375 | 625 | 600 | 2350 | 0.255319 |
| India | 2562 | 960 | 460 | 2062 | 0.223084 |
| Maldives | 1116 | 375 | 1708 | 2449 | 0.697428 |
| Nepal | 3565 | 2352 | 1495 | 2708 | 0.552068 |
| Pakistan | 6844 | 5280 | 345 | 1909 | 0.180723 |
| Sri Lanka | 6960 | 5763 | 526.5 | 1723.5 | 0.305483 |
| Dubai | 6048 | 4704 | 605 | 1949 | 0.310416 |
| Abu Dhabi | 5928 | 5280 | 460 | 1108 | 0.415162 |

Hence, import to consumption ratio was highest for Maldives in 2012.

Therefore, option (C) is correct.



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