
UR PERCENTILE

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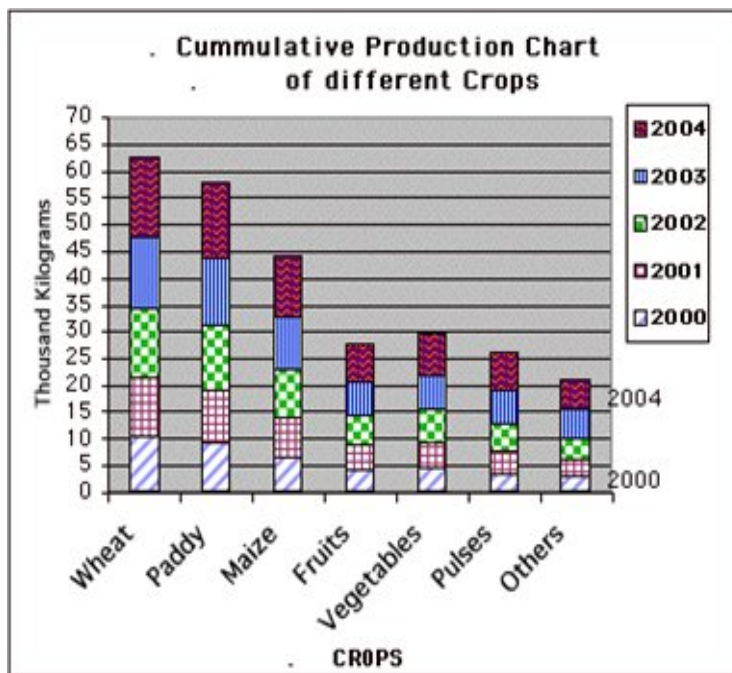
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LESSON P1066
Minutes

Time Limit : 20

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Q1 to Q5 are based on the following graph representing the crop production of a certain district.



Q1. What was the total production of all the crops in 2001 ?

- a) 41400 Kgs b) 45600 Kgs c) 49400 Kgs d) 50800 Kgs

Q2. If year 2000 saw an increase of 10 % in the total production of the crop, what was the production in year 1999 ?

- a) 31200 Kgs b) 30200 Kgs c) 36180 Kgs d) 39800 Kgs

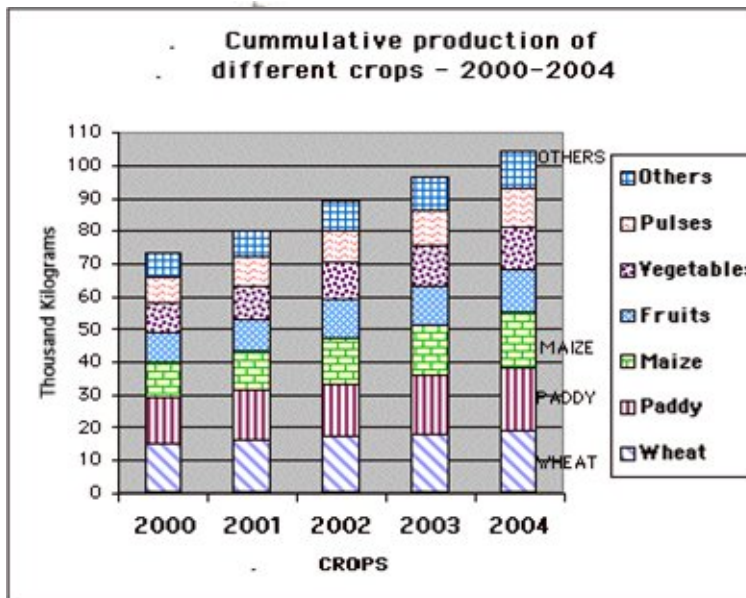
Q3. A particular farmer grew 15 % of the maize of the year 2003 and earned Rs 3.00 per Kg of his produce on the maize. Maize income accounted for 40% of his total income for the year 2003. What was his total income for the year 2003.
a) 4,500 b) 11,250 c) 10,000 d) 5,500

Q4. In 2004 , what % of the total crop production did wheat account for ?
a) 22 b) 19 c) 25 d) 26

Q5. Which year had the minimum total crop production ?
a) 2000 b) 2002 c) 2003 d) 2004

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Q6 to Q10 are based on the following graph representing the crop production of a certain district.



Q6. The total production of paddy for 2000-2004 was 25% more than the production in year 1996-2000 (Both year inclusive). What was the average production in year 1996-2000 ?

a) 13120 Kg b) 14850 Kg c) 12120 Kg d) 14580 Kg

Q7. Year 2000 accounted for what % of the total production of the crop for the period 2000-2004 ?

a) 13.5 % b) 12.5 % c) 16.5 % d) 18.5 %

Q8. By how much was the total production of Maize more than the total production of Pulses for the period 2000-2004 ?

- a) 19000 b) 21500 c) 22000 d) 17500

Q9. 10 % of Fruits production and 20 % of paddy production of year 2004 were bought by a particular agent. If the purchasing price of fruits is Rs 15 Per Kg and for Paddy is Rs 10 per Kg, what amount did the agent pay in total.

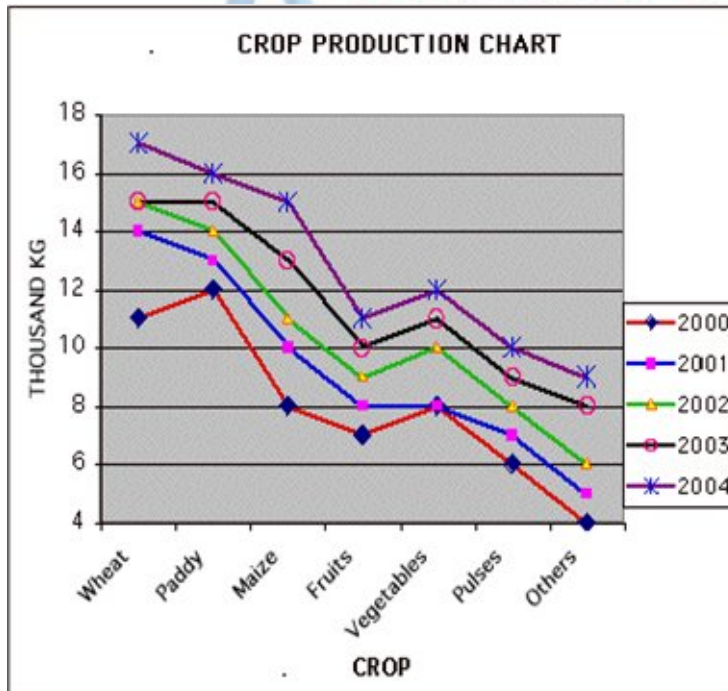
- a) 57500 b) 52000 c) 62500 d) 67500

Q10. The forecast for the year 2005 shows that Wheat, Paddy and Maize will show an increase of 10 % while the remaining will show a rise of 20 %. What is the forecast for the total crop production for 2005 ?

- a) 119,300 Kg b) 124,300 Kg c) 127,300 Kg d) 126,300 Kg

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Q11 to Q15 are based on the following graph representing the crop production of a certain district.



Q11. What is the total production of Vegetables and Pulses in Kgs for the 5 years ?

- a) 89,000 b) 86,000 c) 83,000 d) 94,000

Q12. What is the total production of the crop for the year 2000 and 2001 ?

- a) 121,000 Kg b) 116,000 Kg c) 125,000 Kg d) 115,000 Kg

Q13. If the year 2000 saw an increase of 20 % in the total production of the crops , what was the total production in year 1999 ?

- a) 46,666 Kg b) 48,888 Kg c) 47,777 Kg, d) 45,555 Kg

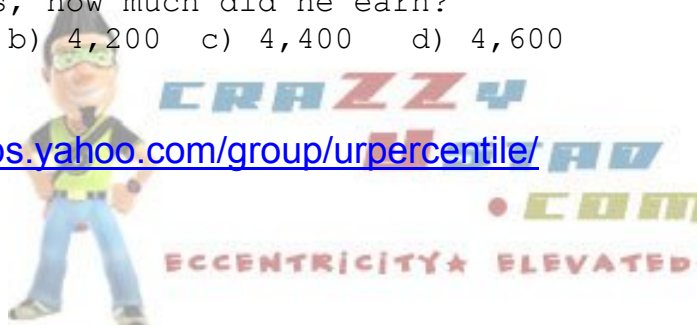
Q14. Wheat production in 2002 accounted for what % of the total crop production of the year ?

- a) 20.5 % b) 18.5 % c) 19.0 % d) 22.0%

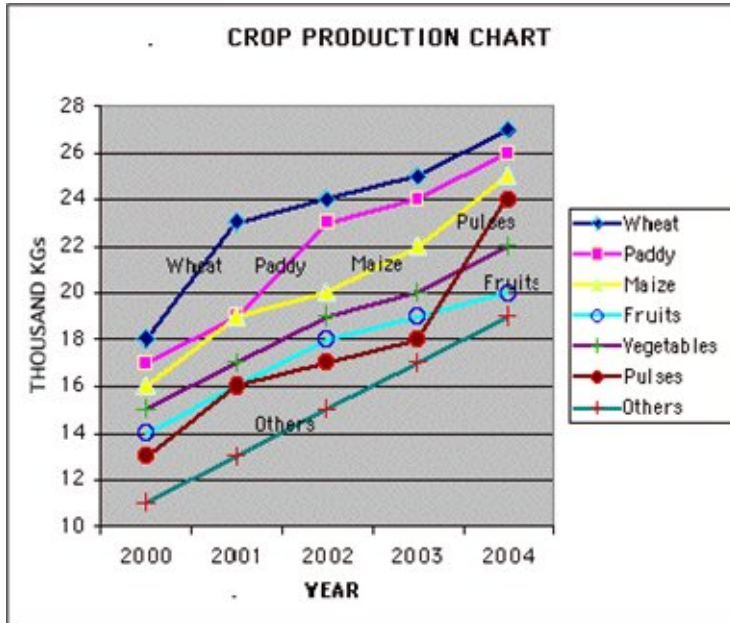
Q15. A farmer produced 10 % of the total vegetables in year 2003. If he earned Rs 4 per Kg from his production of vegetables, how much did he earn?

- a) 4,100 b) 4,200 c) 4,400 d) 4,600

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Q16 to Q20 are based on the following graph representing the crop production of a certain district.



Q16. By how much was Paddy production for the year 2000 to 2004 more compared to Maize production for the same period ?

- a) 6,000 Kg b) 7,000 Kg c) 8,000 Kg d) 9,000 Kg

Q17. Pulses accounted for what % of total production for years 2004.

- a) 14.7 % b) 13.7 % c) 15.7 % d) 16.7%

Q18. What was the total production of Pulses and Fruits for year 2002 and 2003 ?

- a) 72,000 Kg b) 70,000 Kg c) 68,000 Kg d) 69,000Kg

Q19. Year 2005 is forecasted to have a 20 % increase in Fruits and Paddy while the remaining are forecasted to have increase of 10 % except for pulses which is forecasted to remain stable. What is the forecast for the total production for the year 2005 ?

- a) 181,500 Kg b) 192,500 Kg c) 175,000 Kg d) 195,200 Kg

Q20. Year 2000 saw a 10 % increase on each of the crop, what was the total production in year 1999 ?

- a) 94,500 b) 95,500 c) 93,500 d) 92,500

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MATCH THE WORDS IN SET A WITH THEIR MEANINGS IN SET B

SET A

Q21. vicissitude Q22. Impecunious, Q23. Parsimonious,
Q24. Pelf , Q25. Usury 26. Plutocracy , 27. Defalcate
28. Avarice

SET B

- A. A person to whom money is to be paid.
- B. To estimate the money value of something.
- C. Having no money.
- D. Unexpected changes in fortune of someone, ups and downs of life.
- E. To spend too much of money.
- F. Lending of money at a exorbitant rate of interest.
- G. A wealthy class controlling the government .
- H. Misuse of money held in a trust.
- I. Unwilling to spend money, frugal.
- J. Collection of money at a religious ceremony.
- K. Money, wealth or property obtained dishonestly.
- L. A strong desire to get money, be greedy.

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ANSWERS :

Ans 1. $11.2+10.1+7.4+4.7+5+4.1+3.1= 45.6 \times 1000 = 45,600$

Ans 2. $10.2+8.9+6.3+3.9+4.3+3.4+2.8 = 39.8$
 $39.8 \times 100 / 110 = 36.18.$
 $36.18 \times 1000 = 36,180$

Ans 3. $(10 \times 15 / 100) \times 1000 \times 3 = 4500$
Let the income be x. $40X / 100 = 4500$
so x = 11,250

Ans 4. $15 \times 100 / (15+14.1+11.5+7.1+7.8+7+5.6) =$
 $15 \times 100 / 68.1 = 22 \%$

Ans 5. Year 2000 had minimum production 39800 Kg.

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Ans 6 . Total production of paddy in 2000-2004=
 $14+15+16+18+19= 82$
 $25X/100 = 82$ so $x = 65.12$
 So production in 1996-2000 was $65.12*1000= 65120$
 Average production in 1996-2000 = $65120/5 = 13120$

Ans 7. Production in year 2000 = 73
 Production in year 2000-2004, adding up all the figures
 $(73+80+89+96+104)$ we get 442
 $\%$ in 2000 = $73*100/442= 16.5 \%$

Ans 8. Total production of Maize = $11+12+14+15+17= 69$
 Total production of Pulses = $8+9+10+11+12= 50$
 Difference = $(69-50)*1000 = 19,000$

Ans 9. Fruits production in 2004= 13,000
 10% of 13,000 = 1300
 Cost for fruits = $1300*15= 19500$
 Paddy production in 2004= $19*1000= 19000$
 20% of 19000= 3800
 Cost for 3800 Kg of paddy = $3800 *10 = 38000$
 Total cost = $19500+38000= 57,500$

Ans 10. For year 2004 the production of Wheat, Paddy ,
 Maize, Fruits, vegetables, pulses and others was
 19,19,17,,13,13,12 and 11 (all in '000) Kgs respectively.
 Forecast for wheat , paddy and Maize is 20.9,20.9 and 18.7
 respectively (by adding 10 % to each)
 Forecast for fruits, vegetable, pulses and others is
 15.6,15.6, 14.4 and 13.2 respectively 9 By adding 20 % to
 each)
 Total forecast = $20.9+20.9+18.7 +15.6+15.6+14.4 +13.2 =$
 119.3
 $119.3*1000 = 119,300$ Kg

Ans 11. Total production of vegetable = $8+8+10+11+12= 49$.
 Total production of pulses = $6+7+8+9+10 = 40$
 Total for vegetables and pulse = $49+40 = 89$
 $89*1000= 89,000$ Kg

Ans 12. For year 2000 the crop production for wheat ,
 paddy, Maize, Fruits, Vegetables, pulse and Others is
 11,12,8,7,8,6 and 4 thousand Kg respectively.
 For year 2001 the production for wheat , paddy, Maize,
 Fruits, Vegetables, pulse and Others is 14,13,10,8,8,7
 and 5 thousand Kg respectively.

Adding all these we get $56+65=121$. $121*1000=121,000$ Kg

Ans 13. $20x/100=56000$
so $x=46,666$ Kg

Ans 14. Wheat production in 2002 = 15
Total production in 2002 = $15+14+11+9+10+8+6=73$
 $15*100/73=20.5\%$

Ans 15. Vegetable produced in 2003 = 11,000 Kg
10 % of 11,000 = 1,100.
 $1,100*4=4,400$

Ans 16. Paddy production = $17+19+23+24+26=109$
Maize production = $16+19+20+22+25=102$
Difference = 7 . $7*1000=7000$ Kg

Ans 17. Production of pulses in 2004 = 24
Total production in 2004 = $27+26+25+20+22+24+19=163$
Pulses % = $24*100/163=14.7\%$

Ans 18. Pulses production in 2002 and 2003 = $17+18=35$
Fruits production in 2002 and 2003 = $18+19=37$
Total = $35+37=72$. $72*1000=72,000$

Ans 19. For year 2004 the crop production for wheat ,
paddy, Maize, Fruits, Vegetables, pulse and Others is
27,26,25,20,22,24 and 19 thousand Kg respectively.
The forecast for 2005 for wheat , paddy, Maize, Fruits,
Vegetables, pulse and Others will be
29.5,31,2,27.5,24,24.2,24,20.9 thousand Kg
respectively.
Total forecast for 2005 = 181.5
 $181.5*1000=181,500$ Kg

Ans 20. For year 2000 the crop production for wheat ,
paddy, Maize, Fruits, Vegetables, pulse and Others is
18,17,16,14,15,13 and 11 thousand Kg respectively.
Total production for 2000 = $104*1000=104,000$
 $x*110/100=104,000$
so $x=94,545$ approximately equal to 94,500

Ans 21= D, Ans 22= C, Ans 23= I, Ans 24 = K, Ans 25 =
F, Ans 26= G, Ans 27= H, Ans 28=L

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