





SBI CLERK 2022



MATHS

DATA INTERPRETATION

BAR GRAPH



LIVE

09:00 AM

BY SUNIL MAHENDRAS



UPCOMING ONLINE BATCHES

May 2022

04 May 2022

05:30 PM to 07:30 PM

BANK ONLINE LIVE CLASS

10:30 AM to 12:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

11 May 2022

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL

18 May 2022

07:30 PM to 09:30 PM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

04:00 PM to 06:00 PM

BANK ONLINE LIVE CLASS

ENGLISH & BENGALI

25 May 2022

03:00 PM to 05:00 PM

BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM

SSC ONLINE LIVE CLASS

BILINGUAL

05:30 PM to 09:30 PM

CUET ONLINE LIVE CLASS

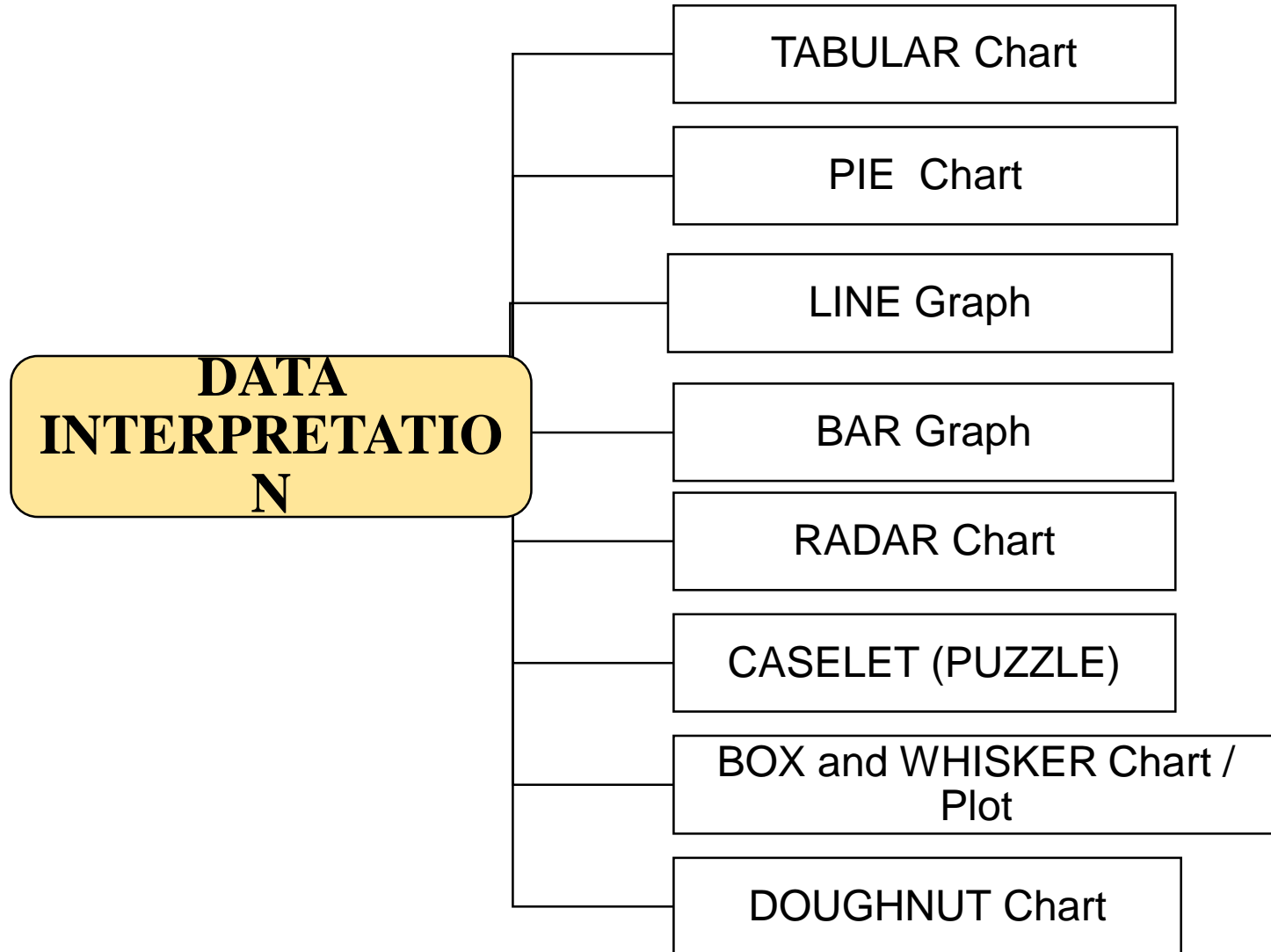
BILINGUAL

DATA INTERPRETATION

DEFINITION OF DI

Definition:- It is the systematic and scientific presentation of quantitative data in such a form as to explain the problem under consideration.

TYPES



IMPORTANT TOPICS FOR DI

Usually the questions of DI are based on following topics ---

- Percentage
- Profit & loss
- Average
- Ratio & Proportion
- Income & Expenditure
- Time and Work
- Pipe and Cistern etc.

INSTRUCTION TO SOLVE DATA INTERPRETATION

- Read the question carefully.
- Analyze the Data Carefully.
- Don't worry about too much data.
- Avoid Unnecessary Calculations.
- Pay close attention to the units used.
- Learn Approximate the values.

Format of Tabular Chart

Main Heading → Number of medals won by five different countries in six different years

Sub Heading

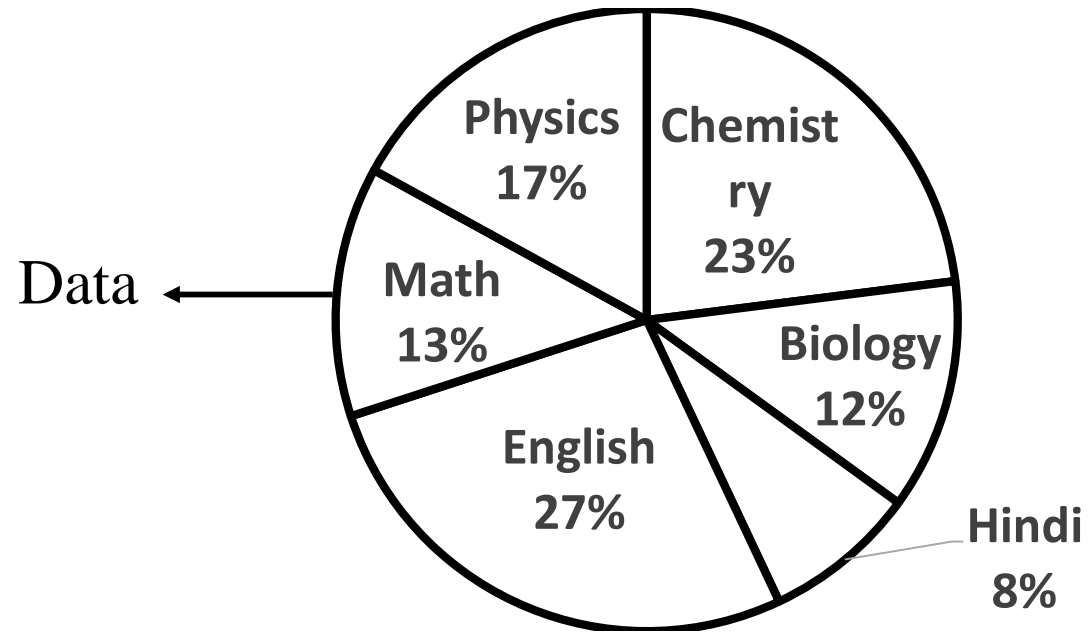
YEAR	COUNTRY				
↓	A	B	C	D	E
2005	120	45	135	65	64
2006	160	60	70	46	28
2007	142	102	46	43	110
2008	172	28	108	39	58
2009	90	64	56	25	64
2010	64	36	85	19	83

Data

Format of Pie-Chart

Main Heading ← Percentagewise distribution of teachers who teach six different subjects

Sub Heading ← Total Number of Teachers = 1800
Percentage of Teachers

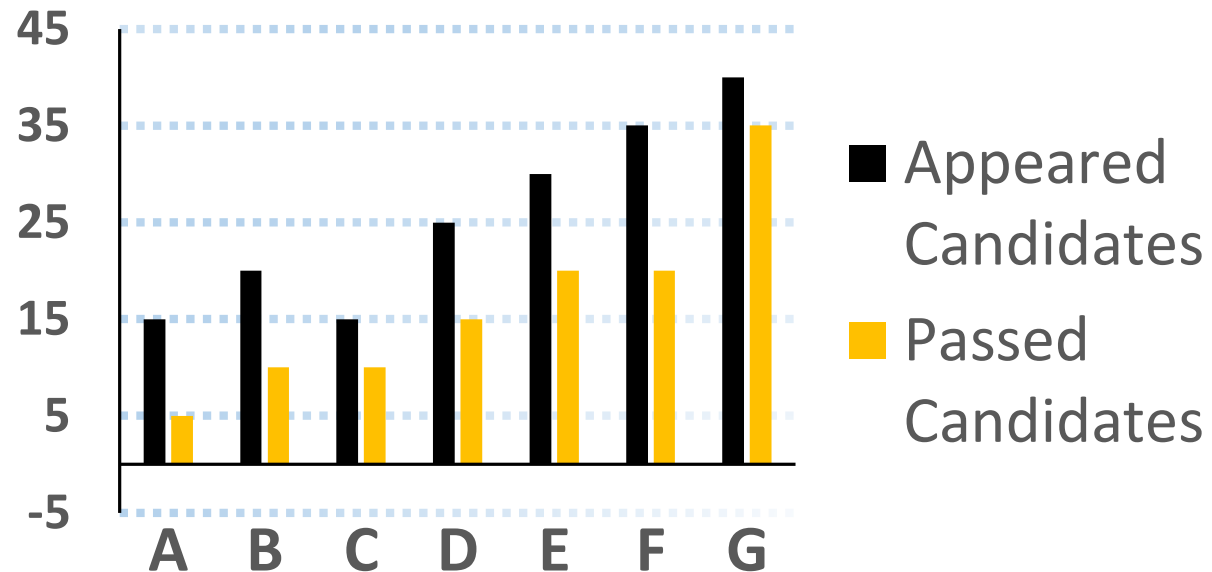


Format of Bar-Graph

Main Heading → **Number of Appeared candidates and passed candidates (in hundreds) in a test from seven different institutes**

Sub Heading → **Representation of Appeared and Passed Candidates**

Data →

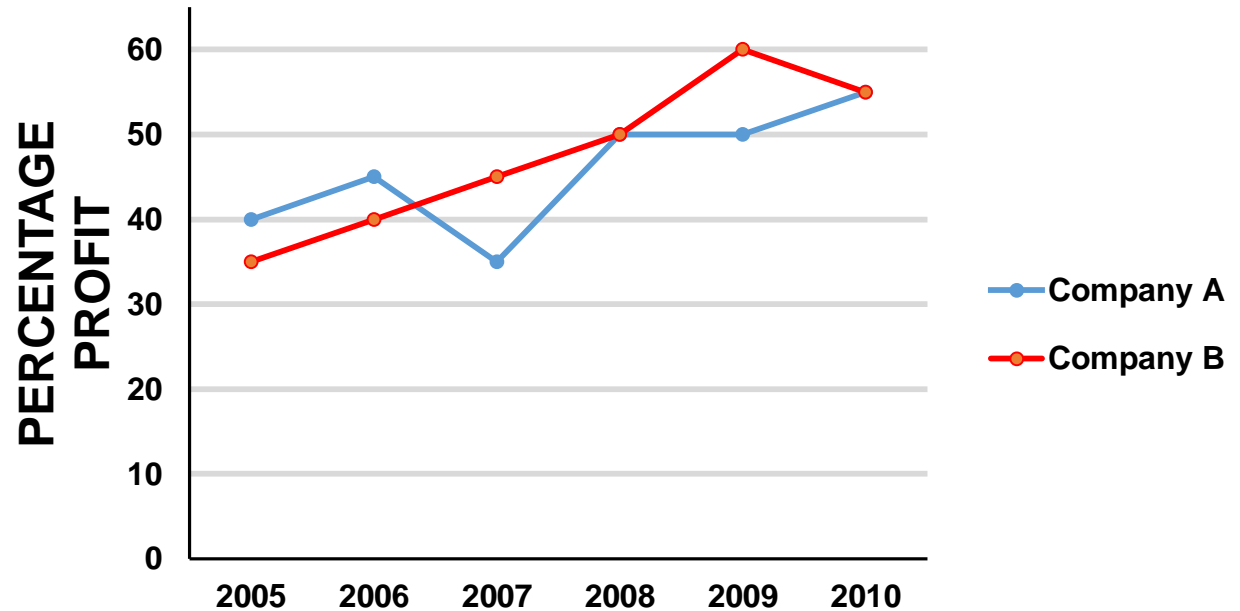


Format of Line-Graph

Main Heading → Percent Profit Earned by two companies over the years

Sub Heading → Representation of Company A and Company B

Data →



Format of Radar- Graph

Main Heading

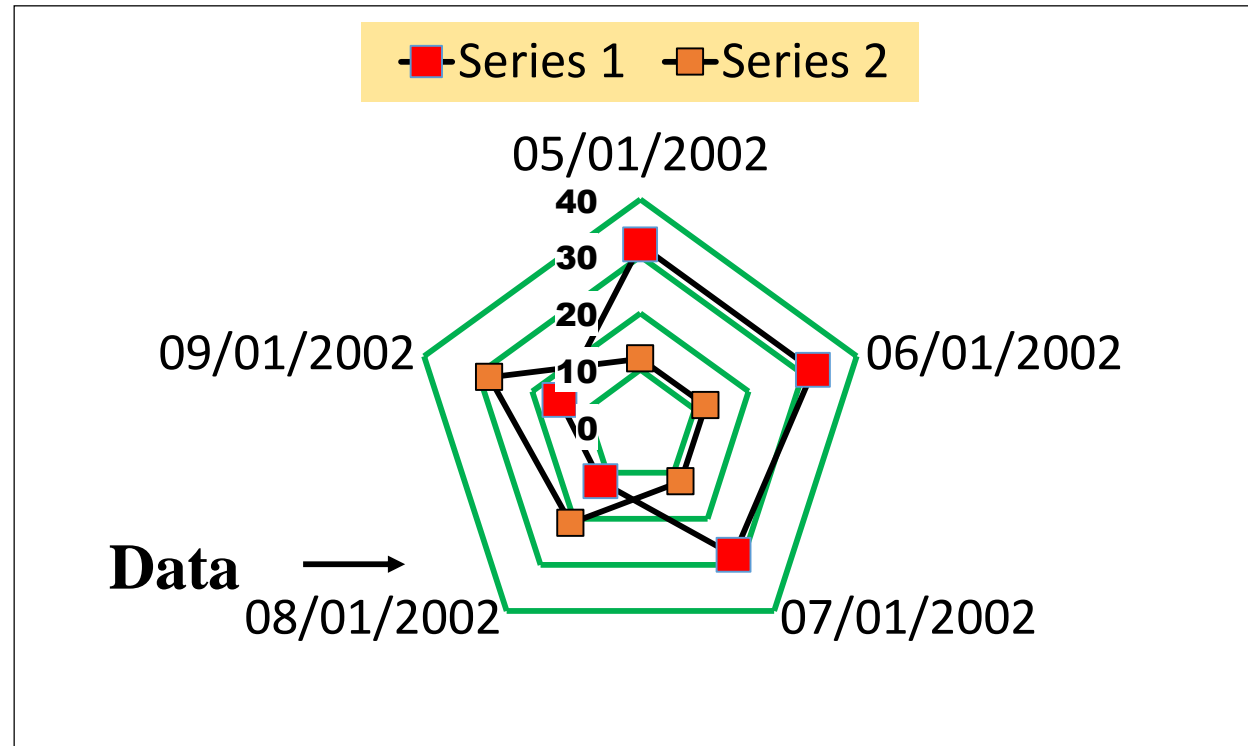


Monthly data of two series 1 and 2 is given in the following radar Graph

Sub Heading



Representation of Series 1 and 2



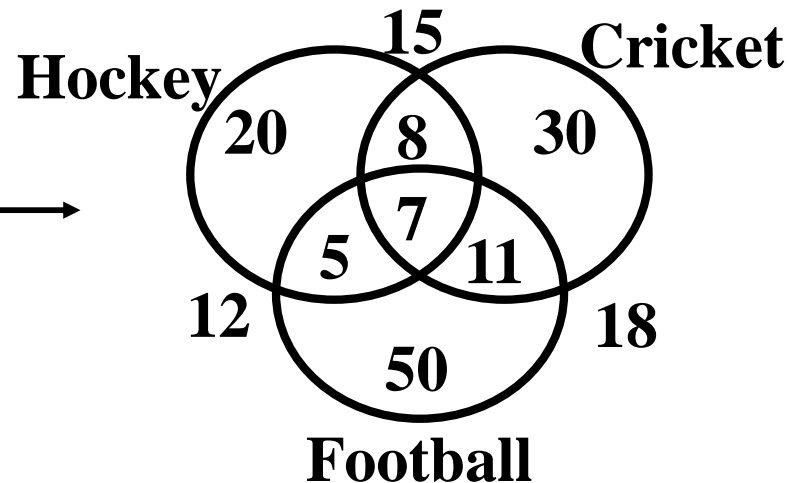
Format of Caselet (Venn – diagram)

Main information



20 boys play only hockey, 30 boys play only Cricket and 50 boys play only Football.
12 boys play hockey and football,
15 boys play cricket and hockey.
18 boys play cricket and football.
7 boys play all three games.

Data



Format of Caselet (Table based)

Main information →

A company produces four different products, viz: Mobile phones, Televisions, Refrigerator and Computers. Each of the products has two categories, viz ; Category-A and Category-B. The total number of all the products is 600. 20 percent of the total number of products is computers and one-third of the total number of products is Television. 40 Percent of the remaining products are Refrigerators. 50 percent of the number of computers as well as the number of computers as well as the number Mobile phones is of category-A. 25 percent of the number of televisions is of category-B one-fourth of the number of Refrigerators is of category-A.

Data →

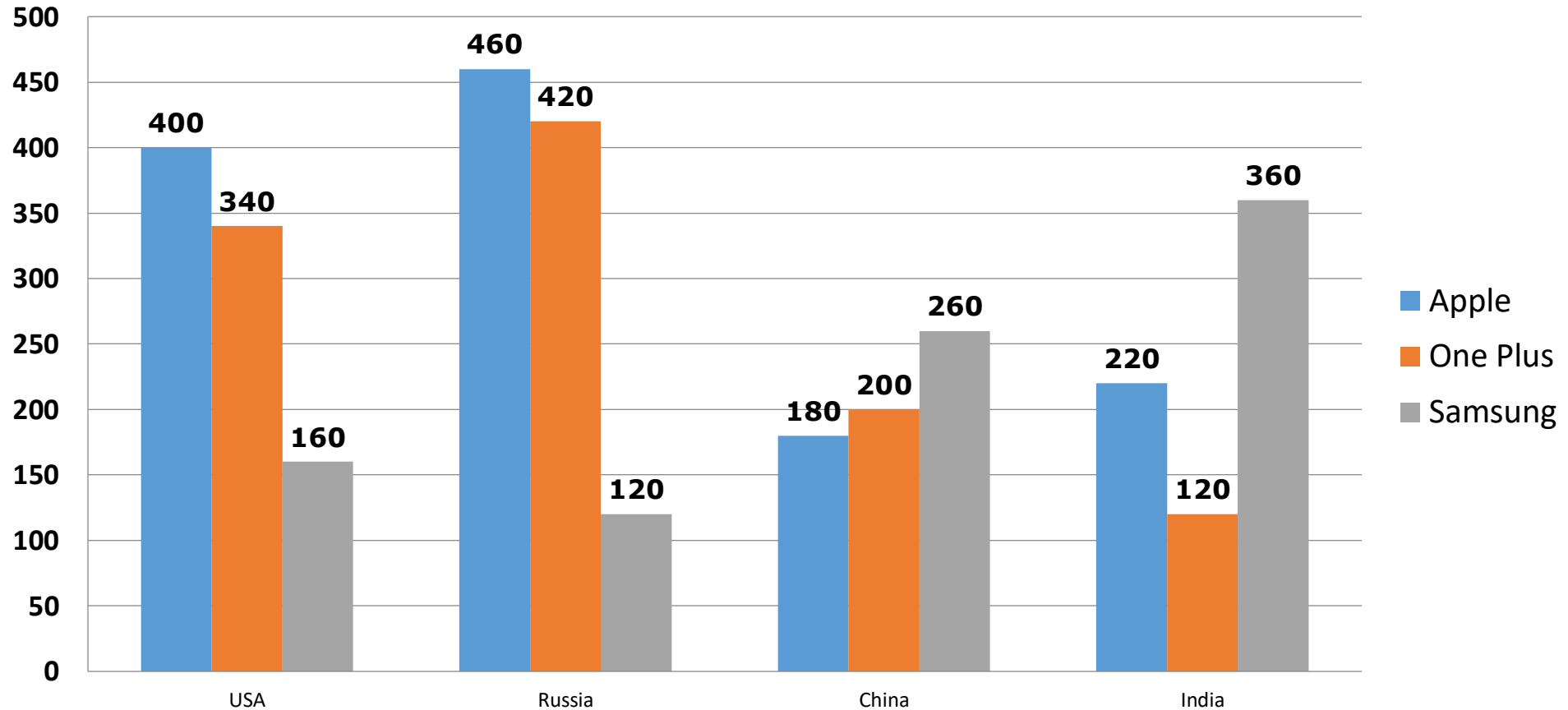
	Category A	Category B	Total
Mobile Phone	84	84	168
T.V.	150	50	200
Refrig.	28	84	112
Comp.	60	60	120

Directions (1–5): Study the following graph and answer the following questions.

निर्देश (प्र.1–5):- दिए गए आरेख को ध्यान से देखे और पूछे गए प्रश्नो का उत्तर दे ।

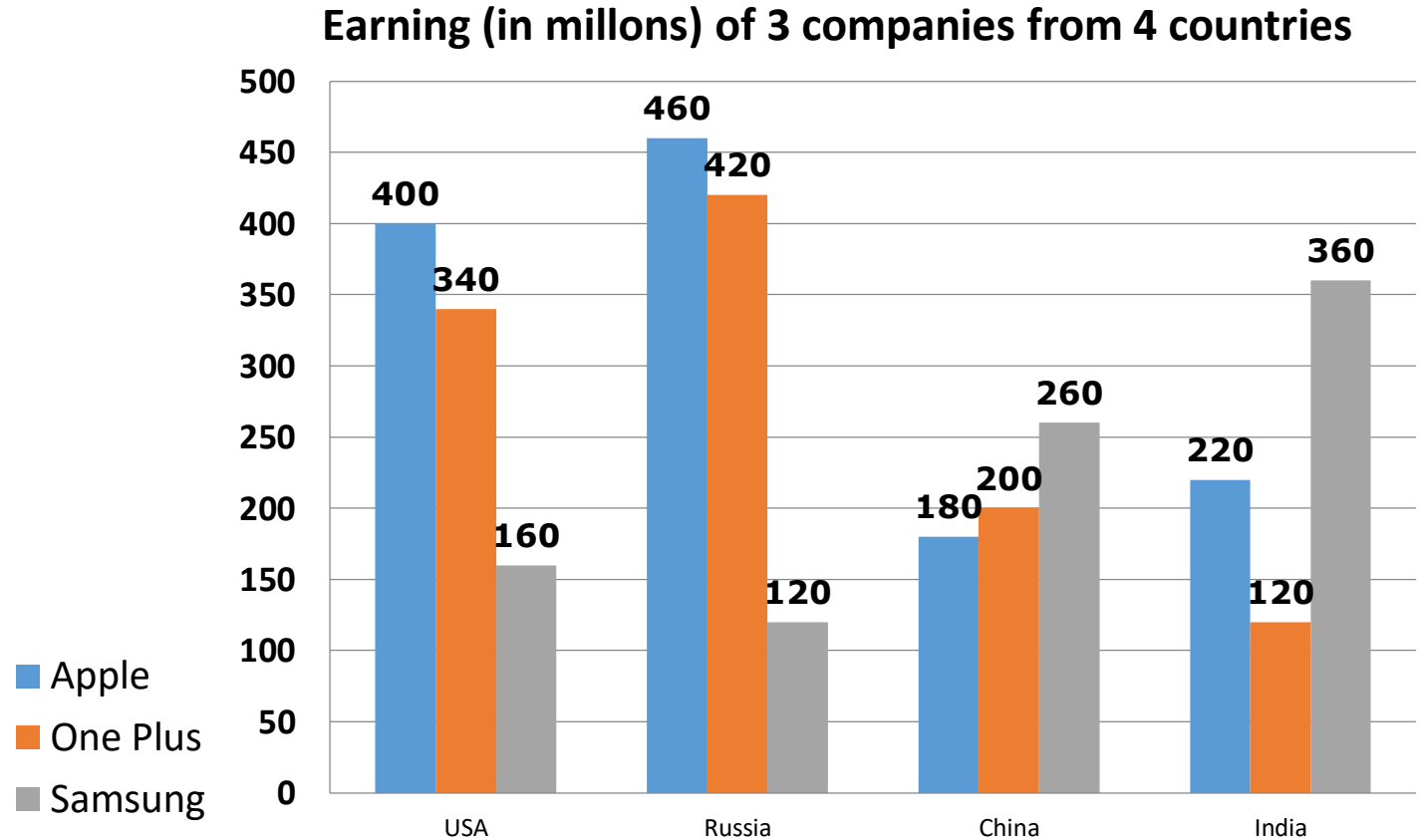
Given Bar graph shows the earning of 3 Mobile manufacturing companies in 4 different countries.
दिया हुआ बार ग्राफ 4 विभिन्न देशों में 3 मोबाइल विनिर्माण कंपनियों की कमाई को दर्शाता है।

Earning (in millions) of 3 companies from 4 countries



Q.1. What is the Average earning of One Plus from all the countries together (in million)?
सभी देशों से एक साथ वन प्लस की औसत कमाई (मिलियन में) क्या है?

- a) 270
- b) 280
- c) 285
- d) 260
- e) None of these / इनमें से कोई नहीं

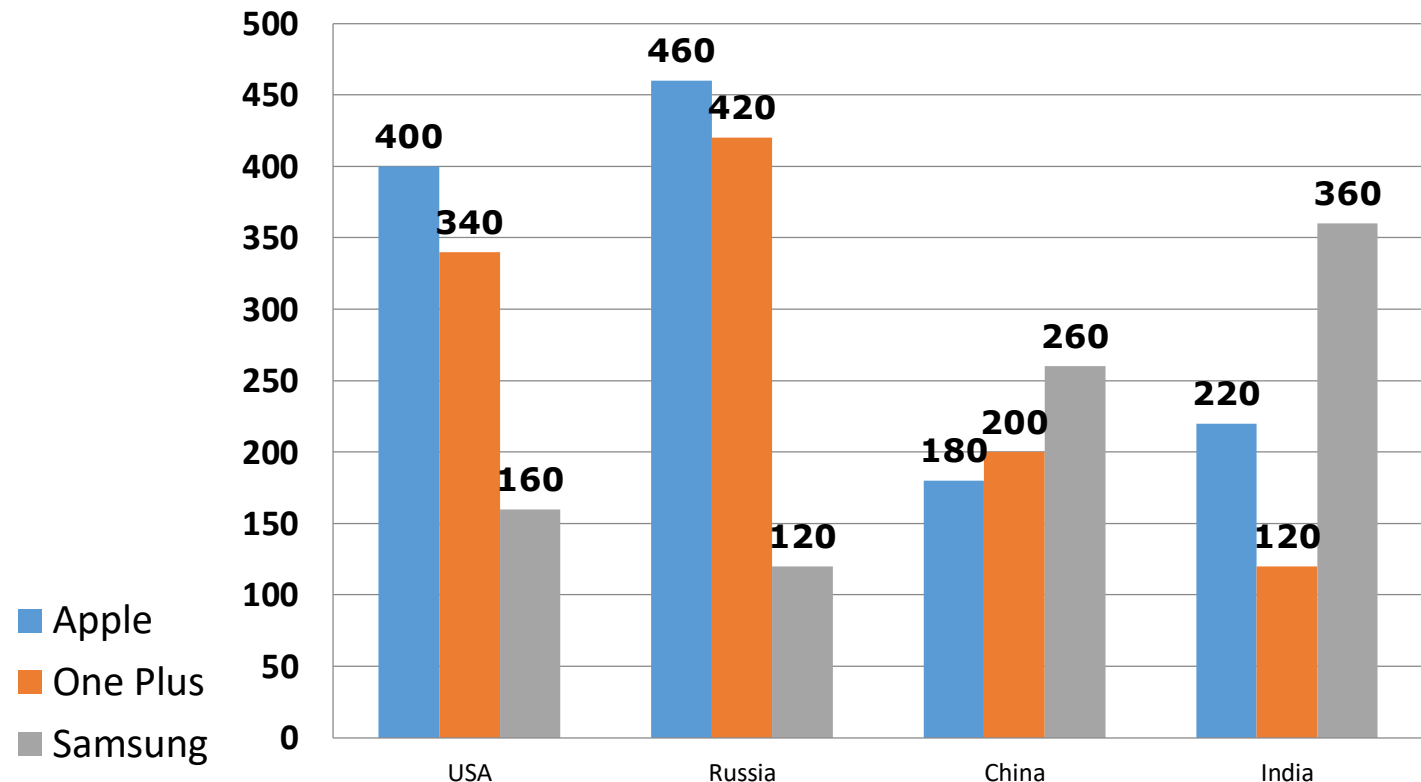


Q.2. If total earning of one plus from all the four countries is increased by 10% but overall earnings of all companies remains same then find the percentage share of one plus from all the countries?

यदि सभी चार देशों वन प्लस की कुल कमाई में 10% की वृद्धि हुई है, लेकिन अन्य सभी कंपनियों की कुल आय समान है तो सभी देशों वन प्लस का प्रतिशत हिस्सा ज्ञात करें?

- a) 41.64%
- b) 32.78%
- c) 39.54%
- d) 36.66%
- e) 28.28%

Earning (in millions) of 3 companies from 4 countries

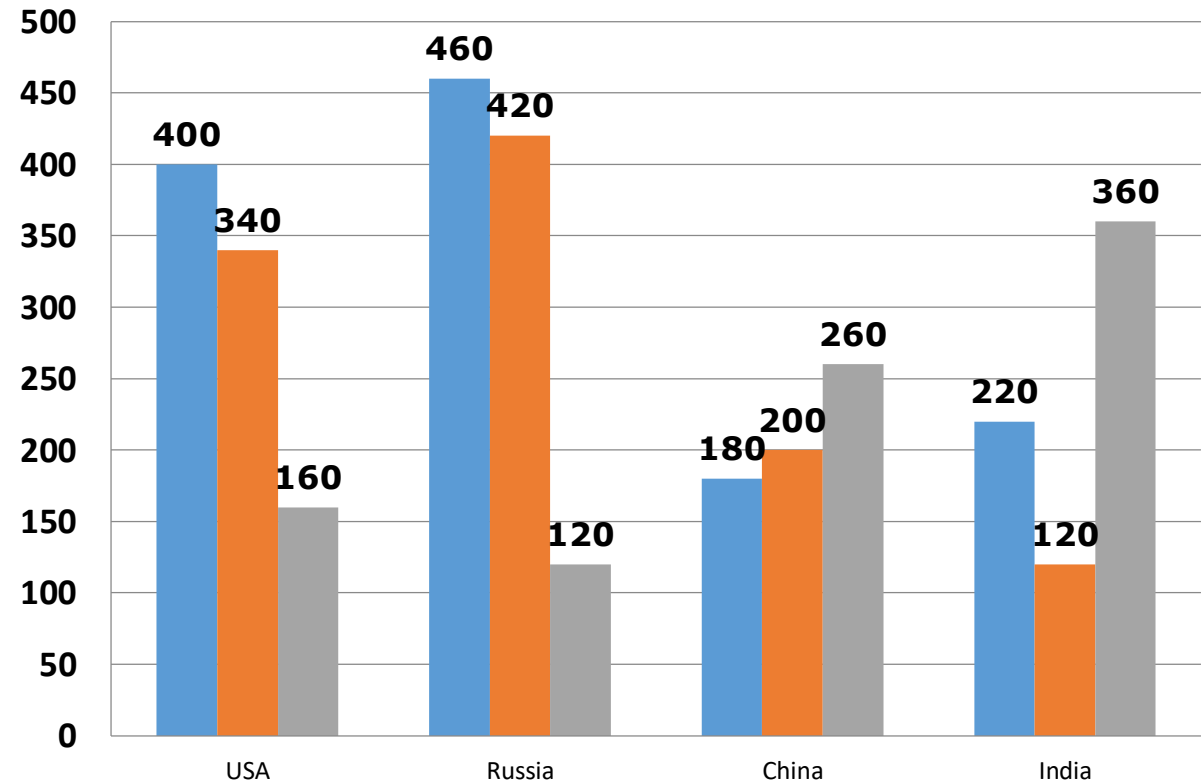


Q.3. Find the market share (%) of Apple in India?
भारत के बाजार में एप्पल का हिस्सा (%) ज्ञात कीजिए?

- a) 18.54%
- b) 31.42%
- c) 54.78%
- d) 43.33%
- e) 16.67%

■ Apple
■ One Plus
■ Samsung

Earning (in millions) of 3 companies from 4 countries

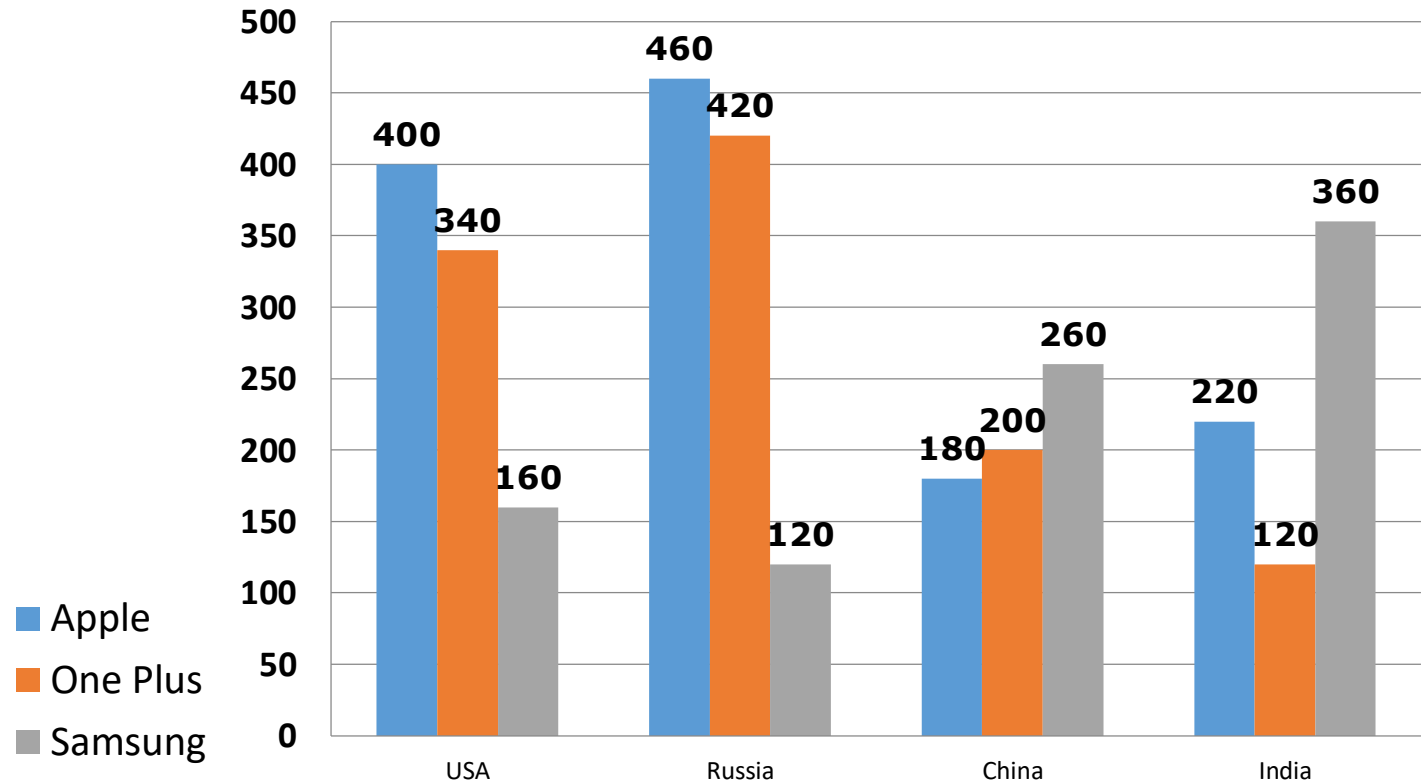


Q.4. If earning of apple from India is increased by 20% and earning of apple from USA is decreased by 30% then earning of apple from India is how much percent more or less then earnings from USA (up to two decimal place)?

यदि भारत से एप्पल की कमाई में 20% की वृद्धि हुई है और संयुक्त राज्य अमेरिका से एप्पल की कमाई में 30% की कमी आई है, तो भारत से एप्पल की कमाई अमरीका में कमाई से कितनी प्रतिशत अधिक है या कम है (दो दशमलव स्थान तक)?

- a) 5.71% less
- b) 5.71% more
- c) 6.06% less
- d) 6.06% more
- e) none of these / इनमें से कोई नहीं

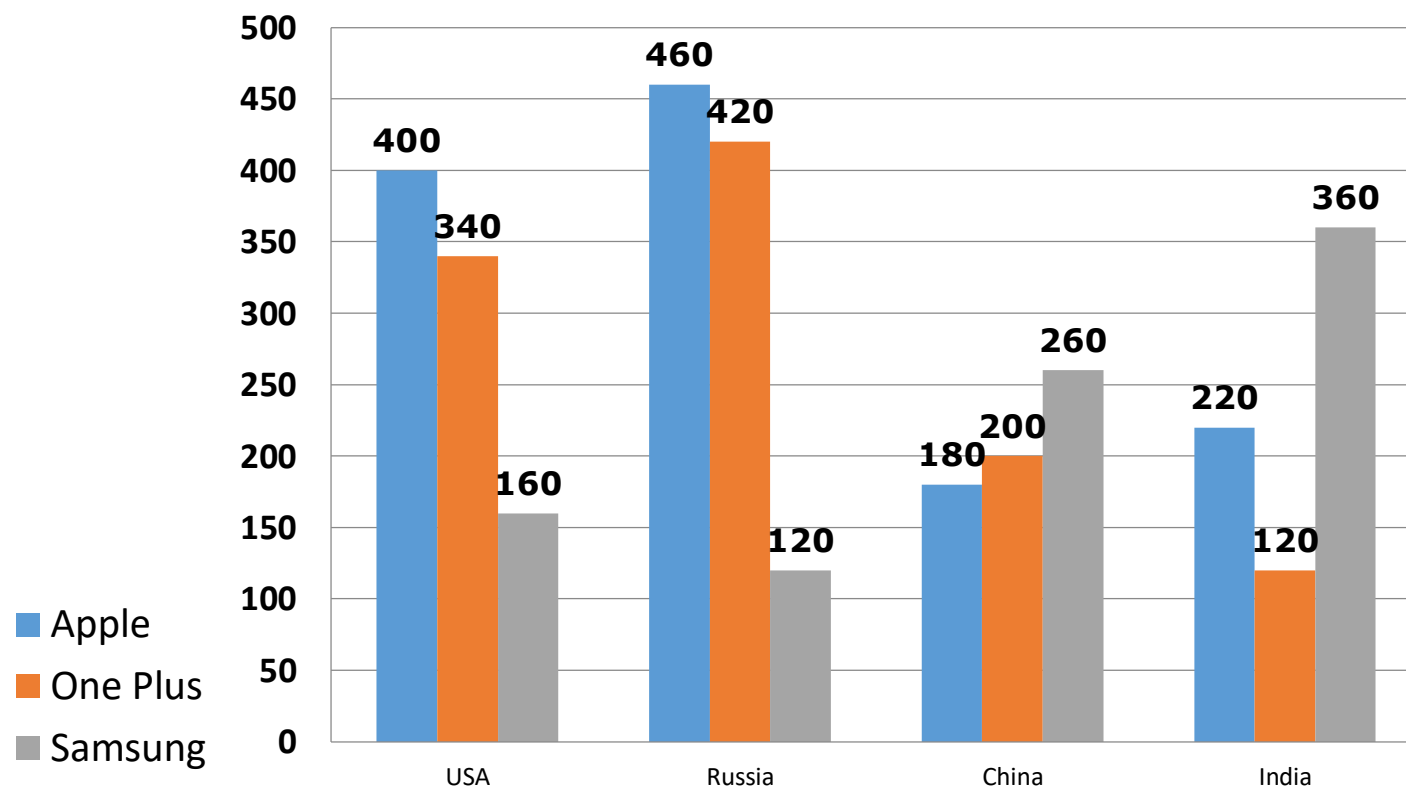
Earning (in millions) of 3 companies from 4 countries



Q.5. What is the difference between total earning of Apple from all four countries and total earning of Samsung from all four countries?
सभी चार देशों से एप्पल की कुल कमाई और सभी चार देशों से सैमसंग की कुल कमाई में क्या अंतर है?

- a) 440 million/ मिलियन
- b) 300 million/ मिलियन
- c) 260 million/ मिलियन
- d) 360 million/ मिलियन
- e) None of these/ इनमें से कोई नहीं

Earning (in millions) of 3 companies from 4 countries

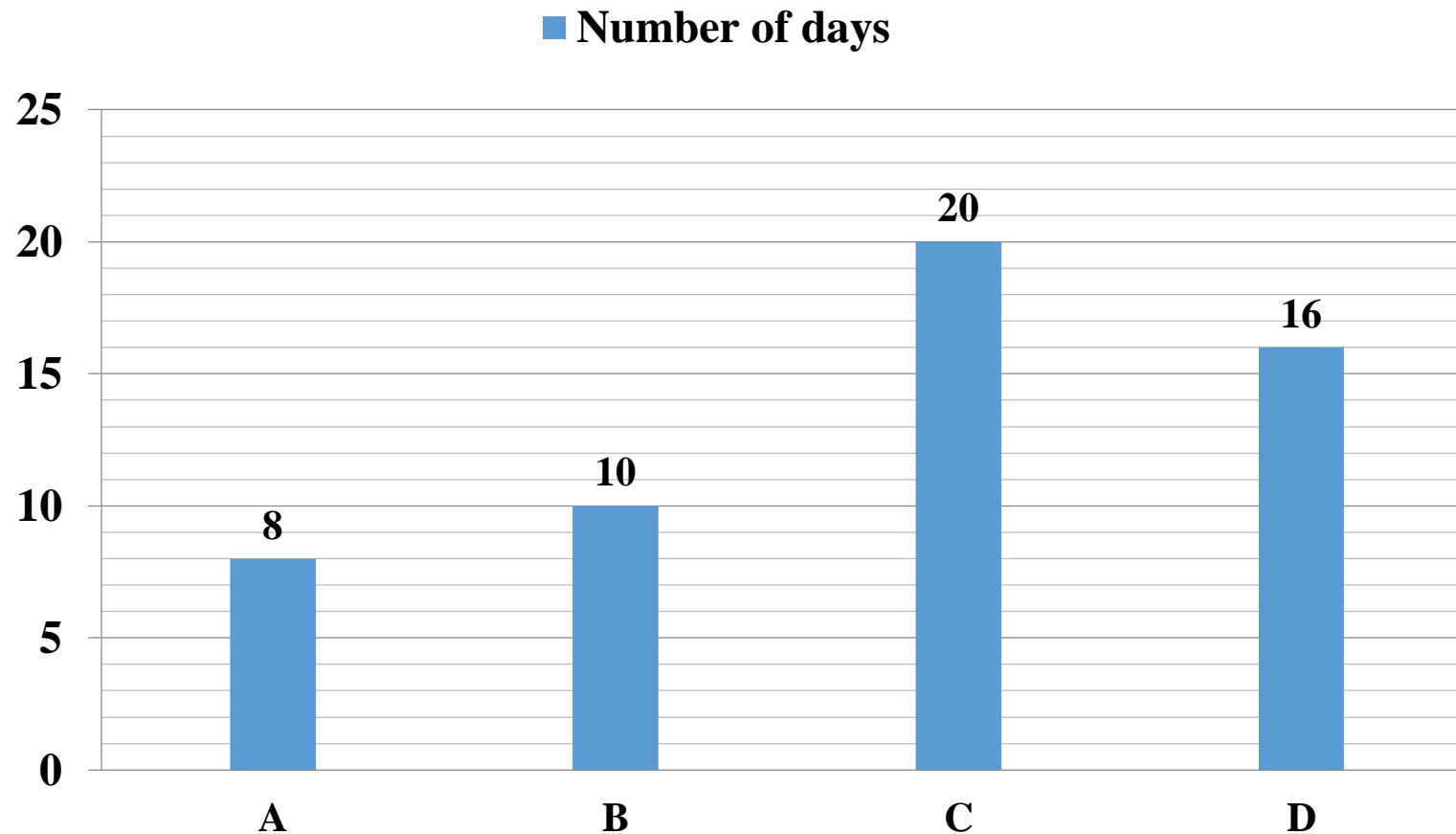


Directions (1–5): Study the following graph and answer the following questions.

निर्देश (प्र.1–5):- दिए गए आरेख को ध्यान से देखे और पूछे गए प्रश्नो का उत्तर दे ।

Following bar graph shows time of four people to complete the work.

दिया गया बार ग्राफ कार्य पूरा करने के लिए चार लोगों का समय दर्शाता है।



Q.1. A and B starts working together and after 2 days, both of them left the work. Then in how many days the remaining work will be completed by C?

प्र.1. A और B एक साथ काम करना शुरू करते हैं और 2 दिनों के बाद, दोनों ने काम छोड़ दिया। फिर C द्वारा शेष कार्य कितने दिनों में पूरा किया जाएगा?

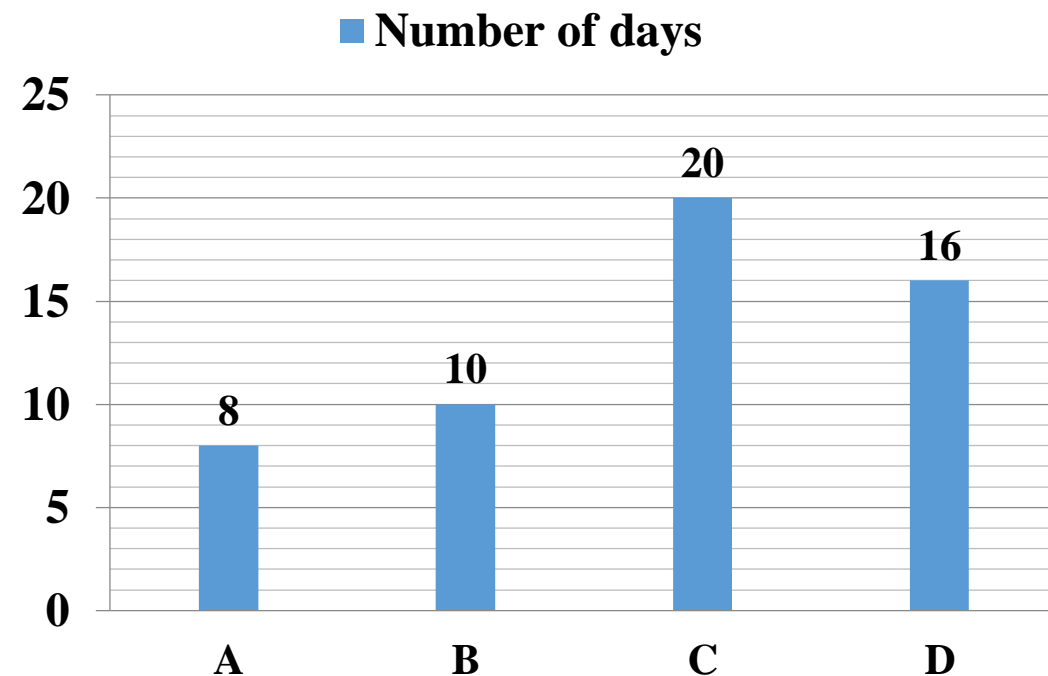
(1) 12 days

(2) 11 days

(3) 10.8 days

(4) 8.5 days

(5) none of these/इनमे से कोईनही



Q.2. In how many days the total work will be completed, if all the four persons start working together?

प्र.2. यदि चारो व्यक्ति एक साथ काम करना शुरू करते हैं, तो कितने दिनों में कुल काम पूरा हो जाएगा?

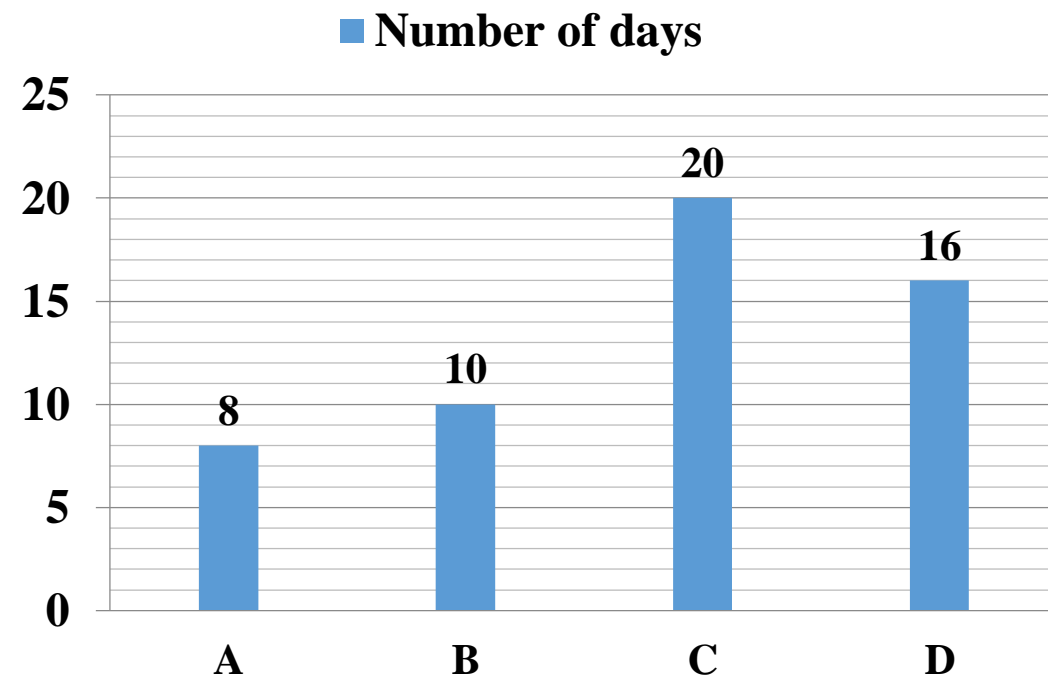
(1) $40/9$ days

(2) 3 days

(3) $80/29$ days

(4) $80/23$ days

(5) none of these/इनमे से कोईनही



Q.3. If B and C start working together and after 5 days, they both left the work and A alone works on sixth day, then find the remaining portion of the work after 6 days.

प्र.3. यदि B और C एक साथ काम करना शुरू कर देते हैं और 5 दिनों के बाद, वे दोनों काम छोड़ देते हैं और A छठे दिन अकेले काम करता है, तो 6 दिनों के बाद काम का कितना हिस्सा बचता है?

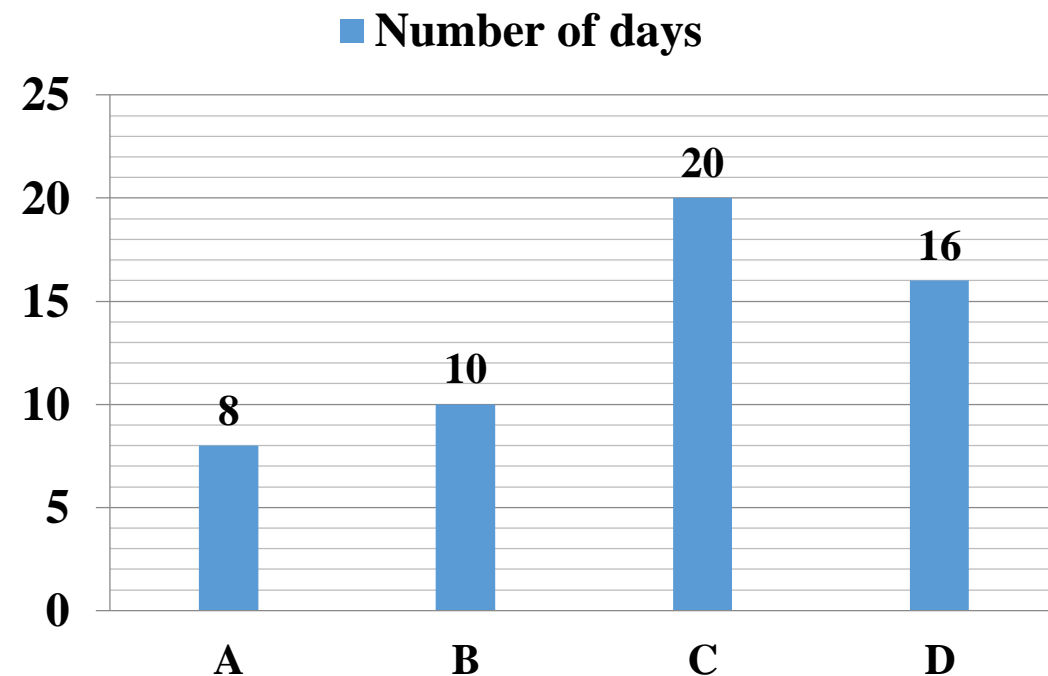
(1) $1/5$

(2) $1/7$

(3) $2/9$

(4) $1/8$

(5) none of these/इनमे से कोई नहीं



Q.4. If at the place of B, E joins the work with A, C and D, then work will be completed in $40/13$ days. Then E completes the work in how many days?

प्र.4. यदि B के स्थान पर E, A, C और D के साथ काम में शामिल होता है, तो काम $40/13$ दिनों में पूरा हो जाएगा। तब E काम को कितने दिनों में पूरा करता है?

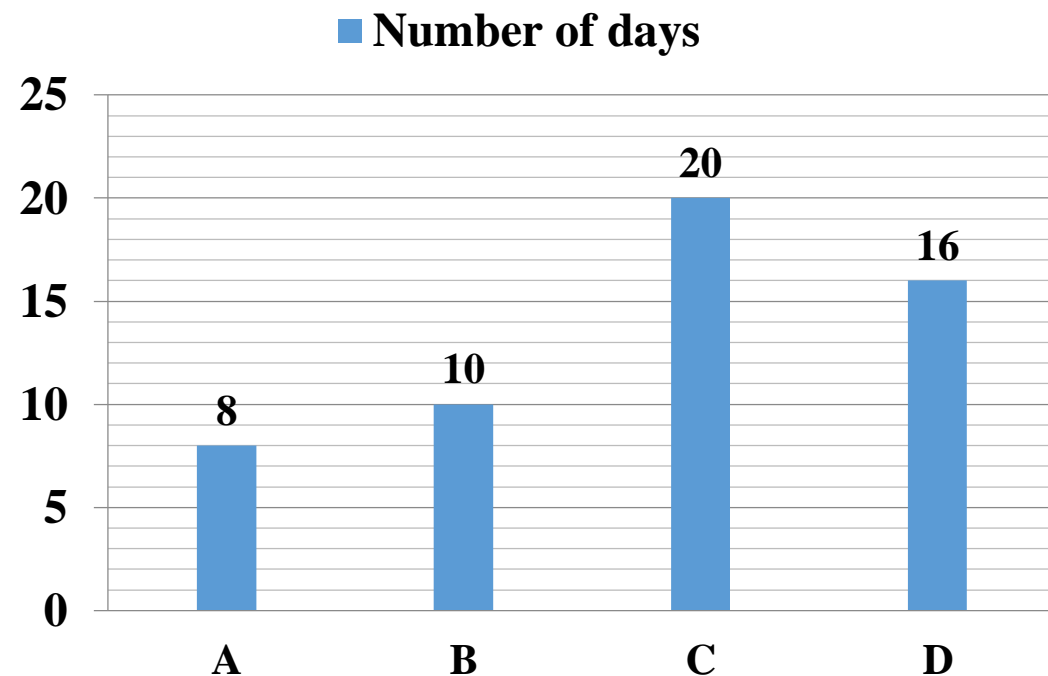
(1) $11 \frac{3}{7}$ days

(2) $11 \frac{4}{7}$ days

(3) $10 \frac{3}{7}$ days

(4) $9 \frac{5}{7}$ days

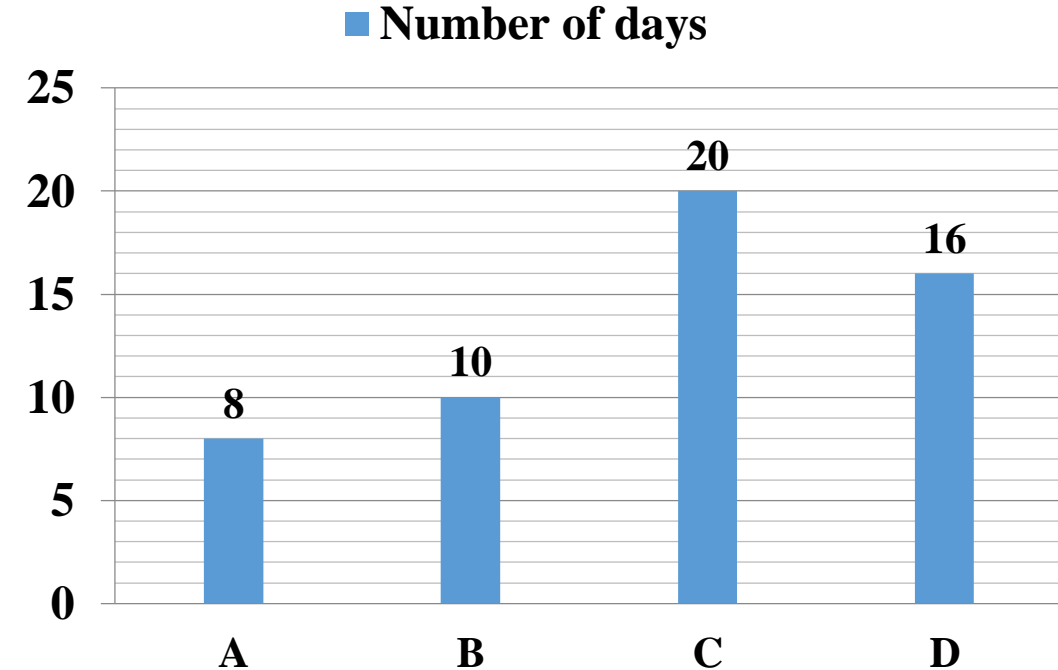
(5) none of these/इनमे से कोई नहीं



Q.5. If A works for 3 days, B works for 4 days, C works for 2 days and D works for 2 days, who completed the remaining work in 2 days?

प्र.5. यदि A 3 दिन कार्य करता है, B 4 दिन कार्य करता है, C 2 दिन कार्य करता है और D 2 दिन कार्य करता है, तो शेष कार्य को 2 दिनों में किसने पूरा किया?

- (1) A
- (2) B
- (3) C
- (4) work is already done/ काम पहले से ही पूरा है।
- (5) none of these/ इनमें से कोई नहीं



THANKS