Answers

1. **Answer:** d

   Explanation:

   There was a “period of inactivity” after which the volcano erupted. Since, it is not a human being, the word ‘deliberate’ is inappropriate. Only ‘extended’ meaning ‘lasting longer than is usual or expected; prolonged’ fits the context. So, the correct answer is D.

---

2. **Answer:** c

   Explanation:

   It is given in the sentence, it is mentioned that the wedding received something extensively in the newspapers. As per the context, only ‘coverage’ meaning ‘the treatment of an issue by the media’ is an appropriate word. So, the correct answer is C.

---

3. **Answer:** b

   Explanation:

   Among the given options, the only verb that can be followed by the preposition ‘on’ is ‘relied’. So, the correct answer is B.

---

4. **Answer:** a

   Explanation:

   The only word which can contextually fit in the given sentence is ‘potential’. So, the correct answer is A.

---

5. **Answer:** b

   Explanation:

It is mentioned in the passage that “If you’re concerned that automation and artificial intelligence are going to disrupt the economy over the next decade, join the club...On one hand, techno pessimists argue that new forms of automation will displace most jobs without creating new ones.” So, the correct option is B.

---

6. **Answer:** d

Explanation:

It can be inferred from the passage, “It was found that workers in occupations that rank higher in IT industry earn more than demographically similar peers in other occupations – and that this earnings gap has been growing. Not only that, but it was also found something interesting on the impact of a college degree on the lifetime earnings of a person in IT industry. Historically, workers with a college degree have earned a lot more than peers without one. Even the level of the college makes a difference.” So, the correct answer is D.

---

7. **Answer:** a

Explanation:

From the following statements, as given in the passage, “It found that jobs that require greater interaction with technology tended to score higher in quality.” “And that gives hope, particularly since the digital economy is growing at a pace nearly four times faster than the broader economy.” “On the flip side of the debate, techno-optimists contend that continued investments in education and research and development will offset the job losses and generate many new human tasks that complement AI.” It can be seen that only statement I is True.

---

8. **Answer:** e

Explanation:

From the passage, “Historically, workers with a college degree have earned a lot more than peers without one. Even the level of the college makes a difference. Recent research has shown that this so-called college premium has been flattening. The main cause, according to the analysis, is that the college premium for occupations requiring fewer digital skills has been declining, while it has been rising for those we identified as digital jobs such as software developers, programmers and aerospace engineering. At least some of the flattening in the college premium is due to the increasing number of bachelor’s degrees that convey few skills that are valued in the marketplace.” So, the correct option is E.

9. **Answer:** c

Explanation:

The passage states two meanings of a “digital” job or skill:

1. In earlier research, all it meant was that a worker used a computer.

2. In a particular research, a new way was created to measure digital or information technology skills in the labour market based on how frequently they’re used in an occupation.

Thus, both B & C are correct.

10. **Answer:** d

Explanation:

The correct answer is D.

11. **Answer:** d

Explanation:

The correct answer is D.

12. **Answer:** c

Explanation:

The correct answer is C.

13. **Answer:** c

Explanation:

Statement A: ‘With’ must be used instead of ‘of’ to rectify the sentence.

Statement B: It should be ‘stated/states’ in place of ‘state’ and ‘has’ in place of ‘have’ since the noun ‘project’ is singular.

Statement C is grammatically correct.

---

14. **Answer:** b

Explanation:

Statement A: Instead of 'has been' it should be 'have been' as we are talking of two entities 'center' and 'service' joined by conjunction 'and'.

Statement B is grammatically correct

Statement C: The use of 'be' is incorrect and we need to omit to rectify the sentence.

Thus, option B is the correct answer.

---

15. **Answer:** c

Explanation:

The errors in the sentences are: A. The preposition 'on' needs to be replaced by 'for'. B. There is an error of subject verb agreement. Singular noun 'government' needs to be agreed by singular auxiliary verb 'has'. Only sentence C is grammatically correct. So. the correct option is C.

---

16. **Answer:** c

Explanation:

The correct answer is CEABD and the statement is: Adoption of the cloud enables business giants to run their processes, connect to larger entities such as customers and suppliers to reach out to global customers efficaciously."

---

17. **Answer:** e

Explanation:

The correct answer is EDABC and the statement is : OnePlus earbuds offer touch controls that can help you manage music playback and calls with just a few clicks on the back of the earbud.

---

18. **Answer:** b

Explanation:

The correct order is BDCEA and the statement is: “The study highlighted a new way of targeting cancer cells by manoeuvring nanomotors inside a tumour and waiting for them to localise in the vicinity of the cancerous site.”

---

19. **Answer:** c

Explanation:

The correct order is DAEBC and the statement is: “As announced at a press conference in Ottawa, Canada is planning to ease travel restrictions on family members, study permit holders, and people entering on compassionate grounds.”

---

20. **Answer:** d

Explanation:

As we have the indefinite article placed before the blank, we certainly cannot have any adjective starting with a vowel, as it will ride the sentence grammatically incorrect. So, we can rule out option A, B and E. Now of the remaining ones, D- ‘Crucial’ is the most appropriate choice.

---

21. **Answer:** c

Explanation:

The correct word completing the phrase with ‘to ignore’ is ‘afford’. We never say ‘deny to ignore’ , ‘falter to ignore’ or ‘forget to ignore’. So, the correct answer is C.

---

22. **Answer:** e

Explanation:

Quoting the effects of effective time management one can feel satisfied and ‘motivated’ and never more stressed or annoyed. Unrestricted and acknowledged are out of context. So, option E is the correct answer.

23. **Answer:** c

Explanation:

Effective time management can help us achieve ‘stability’ which means strength and mental balance in the given context. So, option C is the correct answer.

24. **Answer:** d

Explanation:

Talking of multiple responsibilities and managing time, ‘Priortise’ fits aptly in the given context, making option D the correct answer.

25. **Answer:** e

Explanation:

Note that here we are talking about using time in a proper way to maintain mental health and avoid stress. So, the only word with a positive connotation is E- ‘effectively’, which can be outrightly marked as the correct answer.

26. **Answer:** b

Explanation:

As we need a word that would mean ‘the maximum amount that something can contain’. The apt word in the given context is 'Capacity'.

27. **Answer:** c

Explanation:

We need a noun at A as we have an adjective ‘great’ preceding it. Of the emboldened words, ‘contribution’ being a noun takes the first place. At B we need an adjective to maintain the parallel structure and match with ‘elegant’. So, ‘comfortable’ takes the 2nd place and B takes the third position. The correct sentence is : Coco Chanel’s great contribution (C) to fashion was to make clothes elegant and comfortable (A) for a person functioning (B) in a rulebound public sphere.

28. **Answer:** d

Explanation:

The correct arrangement is BCA and the statement is : In politics, authority is vested in the rule of citizenship that limits the powers of the state.

29. **Answer:** c

Explanation:

The correct order is CAB and the correct sentence is: Regular exercise can help reduce stress levels, boost your chances of appetite control and lead to significant weight loss.

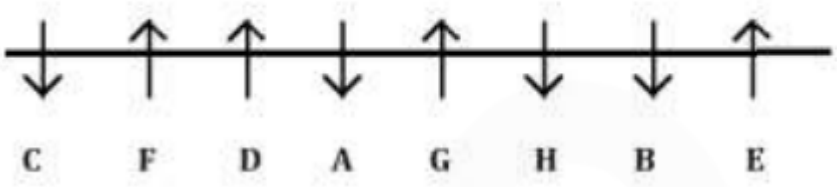
30. **Answer:** c

Explanation:

The correct order is BCA and the statement is: The minister needed an application to arrange better resources.

31. **Answer:** b

Explanation:



32. **Answer:** b

33. **Answer:** c

Explanation:

All except B and H are facing opposite directions.

34. **Answer:** d

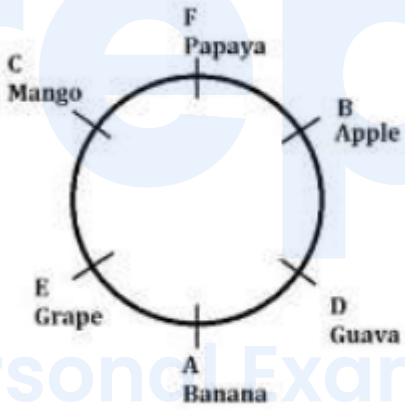
35. **Answer:** a

36. **Answer:** d

37. **Answer:** c

38. **Answer:** a

Explanation:



39. **Answer:** d

40. **Answer:** c

41. **Answer:** b

Explanation:

The pairs of digits are: (7, 9), (3, 5), (3, 8) The pairs of digits are: (7, 9), (3, 5), (3, 8), (5, 8), (1, 2)

42. **Answer:** b

Explanation:

After rearranging the vowels and consonants in the given manner, we have the newly formed word: AIOGHLNTW The letter fourth from the right end is L.

---

43. **Answer:** d

Explanation:

After solving the problem we have, Square/On = dl/ap (but not necessarily in the same order) Love = xy Black = bc Floor = uv Wings/Beauty = sq/rz (but not necessarily in the same order)

---

44. **Answer:** b

Explanation:

After solving the problem we have, Square/On = dl/ap (but not necessarily in the same order) Love = xy Black = bc Floor = uv Wings/Beauty = sq/rz (but not necessarily in the same order

---

45. **Answer:** e

Explanation:

After solving the problem we have, Square/On = dl/ap (but not necessarily in the same order) Love = xy Black = bc Floor = uv Wings/Beauty = sq/rz (but not necessarily in the same order)

---

46. **Answer:** a

Explanation:

After solving the problem we have, Square/On = dl/ap (but not necessarily in the same order) Love = xy Black = bc Floor = uv Wings/Beauty = sq/rz (but not necessarily in the same order)

---

47. **Answer:** d

Explanation:

After solving the problem we have, Square/On = dl/ap (but not necessarily in the same order)
Love = xy Black = bc Floor = uv Wings/Beauty = sq/rz (but not necessarily in the same order)

48. **Answer:** b

Explanation:

Month	Date	Team	City
March	7	M	Mumbai
March	16	T	Nagpur
April	7	A	Ahmedabad
April	16	X	Kanpur
May	7	L	Chennai
May	16	P	Ranchi

49. **Answer:** d

50. **Answer:** c

Explanation:

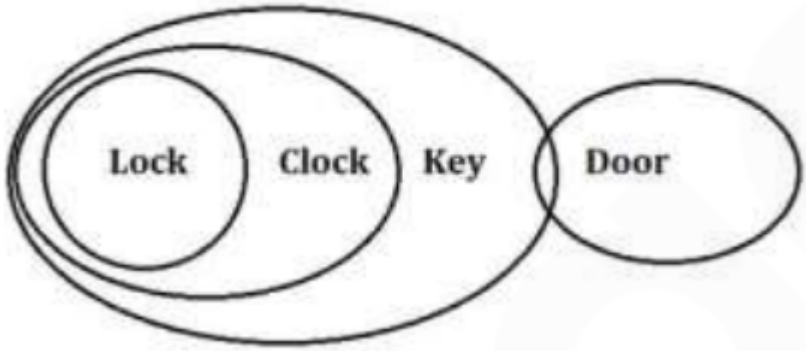
All teams played in the month having 31 days except Team A

51. **Answer:** b

52. **Answer:** a

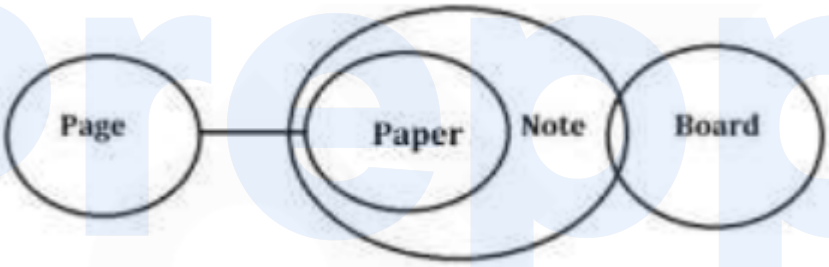
53. **Answer:** e

Explanation:



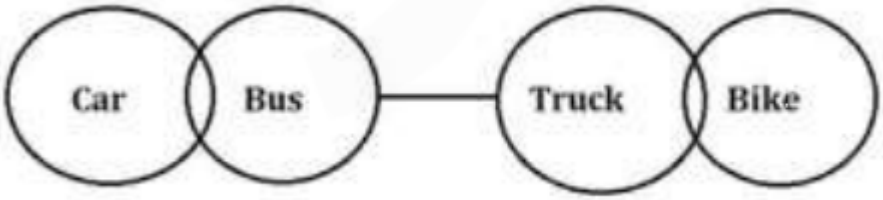
54. **Answer:** a

Explanation:



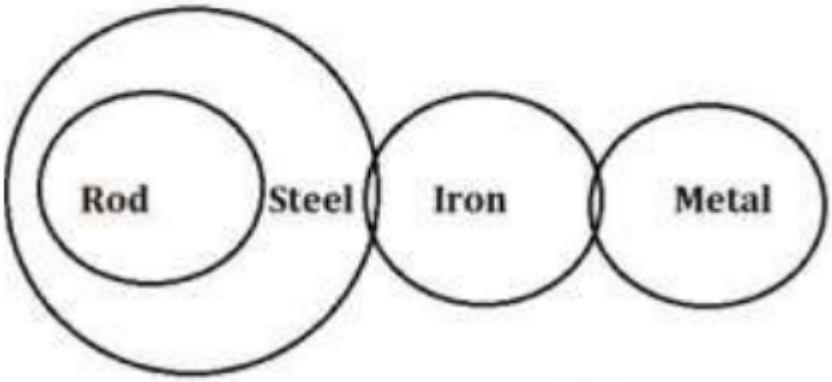
55. **Answer:** d

Explanation:



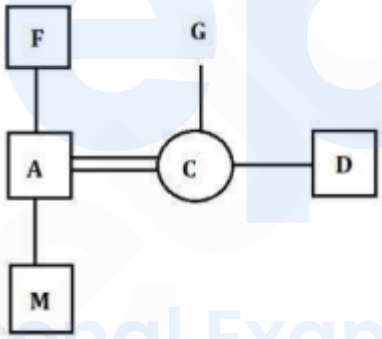
56. **Answer:** b

Explanation:



57. **Answer:** d

Explanation:



58. **Answer:** d

Explanation:

Rank	Person
CEO	I
ED	H
HOD	D
CGM	F
GM	C
DGM	E
MG	B
AM	G
CL	A

59. **Answer:** b

60. **Answer:** d

61. **Answer:** b

62. **Answer:** d

63. **Answer:** a

64. **Answer:** c

65. **Answer:** e

66. **Answer:** d

Explanation:

$?^2 = 468.02 + 79.91 \div 5.01 \approx 468 + 80 \div 5 = 468 + 16 = 484 = 22$

$\therefore ? = 22$

67. **Answer:** e

Explanation:

?= 49.99% of 6400.002 ÷ 999.99 ≈ 50% of 6400 ÷ 1000 = 3200 ÷ 1000 = 3.2

---

68. **Answer:** a

Explanation:

? ÷ 2.997 + 799.98 × 8.9 = 9199.978
After approximation, we get ? ÷ 3 + 800 × 9 = 9200
 ? = (9200 – 7200) × 3 = 2000 × 3 = 6000.
?= 49.99% of 6400.002 ÷ 999.99 ≈ 50% of 6400 ÷ 1000 = 3200 ÷ 1000 = 3.2

---

69. **Answer:** a

Explanation:

(1110.02 + 89.81) ÷ ? – √15 = 15.98
After approximation, we get (1110 + 90) ÷ ? – 4 = 16
 1200 ÷ ? = 16 + 4 = 20
 ? = 1200 ÷ 20 = 60.

---

70. **Answer:** d

Explanation:

? × 350.01 ÷ 3.99^2 = 983 ÷ 14.001
After approximation, we get ? × 350 ÷ 16 = 980 ÷ 14
 ? × 350 ÷ 16 = 70
 ? = (70 × 16) ÷ 350 = 3.2

---

71. **Answer:** b

Explanation:

The pattern of the series is (square of prime numbers) $+5^2$, $+7^2$, $+11^2$, $+13^2$, $+17^2$

72. **Answer:** c

Explanation:

+18, +36, +54, +72, +90

---

73. **Answer:** a

Explanation:

$-(+5^2 + 1), -(+4^2 + 1), -(+3^2 + 1), -(+2^2 + 1), -(+1^2 + 1)$

---

74. **Answer:** c

Explanation:

+1.2, +1.5, +1.8, +2.1, +2.4

---

75. **Answer:** d

Explanation:

×1, ×3, ×5, ×7, ×9

---

76. **Answer:** a

Explanation:

number of animals in zoo-A in the years 2001 and 2005 together = 240+320 = 560
number of animals in zoo-B in the years 2003 and 2007 together = 160+320 = 480
Required Ratio, □ 560 : 480
□ 7 : 6

---

77. **Answer:** c

Explanation:

difference of the number of animals in zoo-A and zoo-B in the years 2001= 60
difference of the number of animals in zoo-A and zoo-B in the years 2003= 115
difference of the number of animals in zoo-A and zoo-B in the years 2005= 80
required Sum= 60+115+80 = 255

---

78. **Answer:** d

Explanation:

In the years 2005, 35% of animals in zoo-A= 112
55% of animals in zoo-B = 132
Required sum= 244

---

79. **Answer:** c

Explanation:

Sum of the number of animals in zoo-B in the years 2001, 2003 and 2005 together = 180+160+240 =580
sum of the number of animals in zoo-A in the years 2001 and 2007 together= 240+360 = 600
Required %= $36\frac{1}{3}$ %

---

80. **Answer:** b

Explanation:

number of animals in zoo-B in the years 2009 = 320× = 400
Average number of animals in zoo B in the years 2005, 2007 and 2009=$\frac{240+320+400}{3}$ = 320

---

81. **Answer:** a

Explanation:

Let B invested for x months, then According to question (5 × 12) : (4 × x) = 15 : 8
 15 : x = 15 : 8
 x = 8

---

82. **Answer:** c

Explanation:

Let the total work = 60 (LCM of 12, 15 and 20)
Efficiency of A and B together = $\frac{60}{12}$ = 5
Efficiency of B and C together = $\frac{60}{20}$= 3
Efficiency of C and A together = $\frac{60}{15}$= 4
So, efficiency of A, B and C together = $\frac{(5+3+4)}{2}$ = 6
Hence, the required number of days = $\frac{60}{6}$= 10 days.

---

83. **Answer:** b

Explanation:

Let the present ages of A and B be a years and b years, then

According to question

$$\frac{a+4}{5} = \frac{b+4}{7}$$

$\Rightarrow 7a - 5b = -8$ .... (i)

And

$$\frac{a+6}{11} = \frac{b+6}{15}$$

$\Rightarrow 15a - 11b = -24$ .... (ii)

On solving equations (i) and (ii), we get

$a = 16$ and $b = 24$

Hence, the ages of A and B will be 16 years and 24 years respectively.

---

84. **Answer:** c

Explanation:

Let the distance to his destination be d km, then

According to question

$$\frac{d}{3} - \frac{d}{(3+1)} = \frac{10+15}{60}$$

$$\Rightarrow \frac{d}{3} - \frac{d}{4} = \frac{5}{12}$$

$$\Rightarrow \frac{d}{12} = \frac{5}{12}$$

$$\Rightarrow d = 5$$

Hence, the distance to his destination = d = 5 km

85. **Answer:** e

Explanation:

In 8 years, he gets 16% as interest, then
In 4 years, he will get $\frac{16}{2}$= 8% as interest
According to question 8% □ Rs. 9600
□ 1% □ Rs. 1200
□ 100% □ Rs. 120000
Hence, the sum = 100% □ Rs. 120000.

86. **Answer:** a

Explanation:

I. $X^3 = 125$
X= +5
II. $Y^3 = 8$
Y= +2
X > Y

---

87. **Answer:** e

Explanation:

$X^2 – 5x + 6 = 0$
$\Rightarrow x^2 - 3X - 2X + 6 = 0$
$\Rightarrow X(X - 3) - 2(X - 3) = 0$
$\Rightarrow (X - 3)(X - 2) = 0$
$\Rightarrow X = +3, +2$
$2Y^2 – 7y + 3 = 0$
$\Rightarrow 2y^2 – 6Y – Y + 3 = 0$
$\Rightarrow 2Y(Y – 3) – 1(Y – 3) = 0$
$\Rightarrow (2Y – 1)(Y – 3) = 0$
$\Rightarrow Y = 3, 0.5$
Hence, No relation can be established.

---

88. **Answer:** e

Explanation:

I. $X^2 = 9^2$
$2 \Rightarrow X = +9, –9$
II. $(y-8)^2 = 9 \Rightarrow (y-8)^2 = 3^2$
$\Rightarrow Y = 8 + 3$ or $8 – 3$
$\Rightarrow Y = 11$ or 5
So, no relation can be established between X and Y.

---

89. **Answer:** b

Explanation:

By solving the both equations

X= 8, y = 12

X < Y

---

90. **Answer:** e

Explanation:

$X^2 - 5x + 6 = 0$
$x^2 - 3X - 2X + 6 = 0$
$X(X - 3) - 2(X - 3) = 0$
$(X - 3)(X - 2) = 0$
$X = +3, +2$
$Y^2 - y - 6 = 0$
$y^2 - 3Y + 2Y + 6 = 0$
$Y(Y - 3) + 2(Y - 3) = 0$
$(Y - 3)(Y + 2) = 0$
$Y = 3, -2$ no relation can be established

---

91. **Answer:** d

Explanation:

Total number of shirts sold on weekdays = (14 + 16 + 12 + 22 + 18)% of x = 82% of x
Total number of shirts sold on weekends = (100 – 82)% of x = 18% of x
According to the question 18% of x = 72
$x = 400$
Number of formal shirts sold = Total number of shirts sold – Number of casual shirts sold

Days	% of total shirt sold	Number of shirts sold	Number of casual shirts sold
Monday	14%	32	24
Tuesday	16%	24	40
Wednesday	12%	28	20
Thursday	22%	56	32

Friday	18%	20	52

The average number of total shirts sold on Wednesday, Friday, Saturday and Sunday together = ((28+20)(20+52)+72)/4= 48

---

92. **Answer:** c

Explanation:

Total number of shirts sold on weekdays = (14 + 16 + 12 + 22 + 18)% of x = 82% of x
Total number of shirts sold on weekends = (100 – 82)% of x = 18% of x
According to the question 18% of x = 72 □ x = 400
Number of formal shirts sold = Total number of shirts sold – Number of casual shirts sold

Days	% of total shirt sold	Number of shirts sold	Number of casual shirts sold
Monday	14%	32	24
Tuesday	16%	24	40
Wednesday	12%	28	20
Thursday	22%	56	32
Friday	18%	20	52

The sum of the formal shirts sold on Monday, Tuesday and Wednesday together = 24 + 40 + 20 = 84

---

93. **Answer:** e

Explanation:

Total number of shirts sold on weekdays = (14 + 16 + 12 + 22 + 18)% of x = 82% of x
Total number of shirts sold on weekends = (100 – 82)% of x = 18% of x
According to the question 18% of x = 72 □ x = 400
Number of formal shirts sold = Total number of shirts sold – Number of casual shirts sold

Days	% of total shirt sold	Number of shirts sold	Number of casual shirts sold
Monday	14%	32	24

Tuesday	16%	24	40
Wednesday	12%	28	20
Thursday	22%	56	32
Friday	18%	20	52

The number of casual shirts sold on Monday and Wednesday together = 32 + 28 = 60
The number of formal shirts sold on Tuesday and Thursday together = 40 + 32 = 72
Hence, the required ratio = 60 : 72 = 5 : 6

---

94. **Answer:** d

Explanation:

Total number of shirts sold on weekdays = (14 + 16 + 12 + 22 + 18)% of x = 82% of x
Total number of shirts sold on weekends = (100 – 82)% of x = 18% of x
According to the question 18% of x = 72 □ x = 400
Number of formal shirts sold = Total number of shirts sold – Number of casual shirts sold

Days	% of total shirt sold	Number of shirts sold	Number of casual shirts sold
Monday	14%	32	24
Tuesday	16%	24	40
Wednesday	12%	28	20
Thursday	22%	56	32
Friday	18%	20	52

The number of shirts sold of brand X on Friday = 40% of 20 + 25% of 52 = 8 + 13 = 21
Hence, the required number of shirts sold = (20 + 52) – 21 = 72 – 21 = 51.

---

95. **Answer:** c

Explanation:

Total number of shirts sold on weekdays = (14 + 16 + 12 + 22 + 18)% of x = 82% of x
Total number of shirts sold on weekends = (100 – 82)% of x = 18% of x

According to the question 18% of x = 72 ⇒ x = 400
Number of formal shirts sold = Total number of shirts sold – Number of casual shirts sold

Days	% of total shirt sold	Number of shirts sold	Number of casual shirts sold
Monday	14%	32	24
Tuesday	16%	24	40
Wednesday	12%	28	20
Thursday	22%	56	32
Friday	18%	20	52

Required percentage = (56-40)/40× 100 = 40%.

---

96. **Answer:** c

Explanation:

Cost of per pen= 400/80 = 5 Rs/pen
Profit on 40 pens(at 60% profit)= 5×40×60%= 120 Rs
Profit on remaining pens(at 20% profit)= 5×40×20%= 40 Rs
Total profit on All the pens(at 15% profit)= 5×80×15%=60
Required difference= (120+40)-60 =100 Rs.

---

97. **Answer:** a

Explanation:

Let the present ages of A and B be a years and b years, then
According to question b = $\frac{(a+4)}{2}$ = 2(a – 5) ⇒ (a + 4) = 4(a – 5)
⇒ (4a – a) = 4 × 5 + 4 = 24
⇒ 3a = 24
⇒ a = 8
Hence, the present age of B = b = 2(a – 5) = 2(8 – 5) = 6 years.

---

98. **Answer:** b

Explanation:

Let investment of B = Rs. x, then According to question (6000 × 3) : {x × (12 – 3)} = 5 : 6
⇒ 2000 : x = 5 : 6
⇒ x = 2400

---

99. **Answer:** d

Explanation:

ATQ, (100-25)% of Boys = Total number of girls
⇒ 75% of B= G
⇒ Boys : Girls = 4 : 3
Let number of Boys & girls respectively 4x , 3x
Required% = (60% of 3x - 25% of 4x) / 25% of 4x × 100 = 80

---

100. **Answer:** c

Explanation:

ATQ, (100-25)% of Boys = Total number of girls
⇒ 75% of B= G
⇒ Boys : Girls = 4 : 3
Let number of Boys & girls respectively 4x , 3x
⇒ 60% of 3x – 25% of 4x = 40
⇒ X= 50
So number of boys & girls= (3x + 4x) = 7× 50 = 350