SBI PO (PRELIMS) - PRACTICE SET

Answers with Explanation

English Language

1. (c) Options (a) and (b) – Both the options are incorrect, it is not mentioned in the passage. So, both options are eliminated.

   Option (c) – This is the correct option, It is not mentioned in the passage.

   (An NFT or Non-Fungible Token is a piece of media that has been tokenized on a blockchain such as the Ethereum network).

2. (d) Option (c) – This is an incorrect option, it is opposite to the context of the passage. According to the context of the passage, NFTs impact the environment, they are not environment friendly.

   Options (a) and (b) – Both the options are correct, it is mentioned in the passage (Let's now take a look at the overall environmental impact that, NFT trading has on the environment : Higher carbon emissions, an overall increase in global temperature caused by global warming, rising fossil fuel consumption to generate energy for NFT and crypto mining).

3. (b) Three types of environment friendly block chains are discussed in the passage, these are Solana, Tezos and Flow.

   On the bases, only option (b) is the correct answer, other types of NFTs are not mentioned in the passage.

4. (e) Option (a) – This is an incorrect option, it is not mentioned in the passage, So, the option is eliminated.

   Option (b) – This is the correct option, it is mentioned in the passage (One of the reasons why Tezos is a top choice is because, it's energy-efficient, security focused, and scalable. Meaning is that it is environmentally-friendly, safe to use and won't slow down the more users it recieves).

   Option (c) – This is the correct option; it is mentioned in the passage (In fact, studies show that minting an NFT on flow uses less energy than performing a Google search).

5. (e) Option (a) – This is an incorrect option, the ranking of NFTs are not given in the passage. So, the option is eliminated.

   Option (b) – it is mentioned in the passage. So, this is the correct option (Solana has been widely praised for the speed in which it processes transactions)

   Option (c) – it is mentioned in the passage. So, this is the correct option (Because of this Solana is sometimes called the **Ethereum killer** by some).

6. (d) Meaning of 'immense' – extremely large or great, especially in scale or degree.

   Only options (a) and (c) 'great' and 'substantial' are its synonyms.

Substantial' – of considerable size, importance or worth.

Meaning of other words 'tiny' – very small

'Jumbo' – a very large person or thing.

7. (b) Meaning of 'encouraged' – stimulate the development of an activity state or belief.

   Options (a) and (b) dissuade and hinder both are its antonym

   Dissuade – persuade (someone) not to take a particular course of action.

   Hinder – make it difficult for (someone) to do something

8. (c) (A – C) the context of the sentence says that, strict parents are those who invested in their child's success, to make the sentence contextually correct brushed off will be replaced by invested.

   Brushed off – to treat something as not important

   Invested - give a lot of time or effort in something

   (B–D) – according to the context of the sentence, jellyfish parents are endlessly flexible, so to make the sentence contextually correct **derided** will be replaced by **endlessly**.

   Derided – to express

   Endlessly - in a way that is endless.

   The correct sentence is – Strict parents who are invested in their child's success are derided as tiger parents. Those who give their children a wide berth are brushed off as jellyfish parents. permissive and endlessly flexible.

9. (a) (A – C) **covid is an acceptance** is incorrect, the context of the sentence talks about the properties of covid which is a long arduous task, to make the sentence contextually correct **acceptance** will be replaced by **epic**.

   Epic – an exceptionally long and arduous task

   Democratic – relating to or supporting democracy or its principles.

   Obsolescence – no longer needed

   The correct sentence is – Covid is an epic that has to be retold in democratic and literary terms. Otherwise, it will become more open to the machismo of triage, to the acceptance of obsolescence.

10. (a) (A –C) – **Goal** is noun and we need an adjective (eventual) to qualify the noun, to make the sentence grammatically correct, 'eventual' will be replaced by 'staggeringly'.

    'Eventual' – happening at later time or as a result at the end.

    'Staggeringly' – deeply shocking.

    'Achieved' – a collection or records.

    'Access' – the means or opportunity to approach.

    The correct sentence is – it may not be smooth sailing in a country with staggeringly uneven access to educational resources. But, like democracy and health, equitable

education, too, is an universal right, and it should be our eventual goal even when it is far from an achieved reality.

11. (a) The explanation is as follows : ACHIEVERS In Focus

The subject chef is **singular** in number.

The subject and verb must **agree** in number.

A singular subject needs a **singular verb**.

A plural subject needs **a plural** verb.

12. (c) intervene – take part in something so as to prevent or alter a result or course of events.

The sentence should be read as : The UN refused to intervene in the civil war, apart from some troop convoys for humanitarian aid.

13. (d) Obscure : unclear; uncertain doubtful

The context talks about our plan of going to Miami which is uncertain because of the increase in Covid cases.

Therefore, the correct answer is : Our plan of going to Miami is obscure because there might be a lockdown soon due to the increase in Covid cases.

Word	Meaning
Unquestionable	not able to be disputed or doubled
Connoisseur	a person who has a great deal of knowledge about the fine arts; who is a keen appreciator of cuisines, five wines and gourmet.
Atrocity	an extremely wicked or cruel act

ACHIEVERS In Focus

14. (a) Lackadaisical means lazy

The context talks about the fact that the lazy nature of Neji was the reason for his failure.

Therefore, the correct answer is : The lackadaisical nature of Neji was the reason for his failure.

15. (b) First is C as it establishes the subject i.e. scientists C is the only opening segment that can form a meaningful and grammatically correct sentence.

Next is E as it contextually follows E by stating what these scientists have done i.e. they have dramatically improved something

D follows E as it tells what the scientists have improved i.e. their understanding of something.

Next is A as it tells what this understanding is related to

Last is B as it elaborates A.

16. (b) First is A as it establishes the subject i.e. the announcement by someone A is the only opener that can form a meaningful sentence. ACHIEVERS In Focus

Next is E as it starts with 'by' and tells **who** made the announcement

C follows E as starts with 'it' which **refers to 'Canberra.'**

Next is D as it states the amount of money they have committed

Last is B as it tells what they will acquire.

17. (d) B is the part that establishes the subject of the matter i.e. 'Human rights' Hence, it'll be the first part after rearrangement In part D , 'important' is used for human rights. Hence D follows B.

Part A talks about getting treated equally which must be done to humans mentioned in E. Hence, A follows E.

Humans being treated equally is made sure by human rights So, E follows C and C follows D.

18. (c) C is the only opening segment that can lead to the formation of a meaningful and grammatically correct sentence. Hence, it will be the first part after rearrangement.

Part A follows C being a complementary pair and forms a connection with part C. ACHIEVERS In Focus

Part B implies what the individual was searching for Hence B follows A.

Part E follows part B to maintain the logical flow of the sentence So E follows B.

Part D ends the sentence by telling about the place where the individual was searching for the bicycle magazine.

19. (a) First is B as it establishes the subject i.e. water sanitation and hygiene. B is the only opening segment that can lead to the formation of a meaningful and grammatically correct sentence.

Next is A as it describes the aforementioned services as critical

C follows A as it tells why these services are critical.

Next is D as it mentions when these services are critical

Last is E as it contextually follows D

20. (a) ACHIEVERS In Focus

21. (b) Stringent : (of regulation, requirements, or conditions) strict, precise and exacting

Exacting : making great demands on one's skill attention, or other resources.

22. (d) The given passage deals with the impact of covid on Residential sales during the pandemic. It compares the various time-frames of both 2020 and 2021 and pits them against one another and the passage is filled with data and statistics.

Thus, the most appropriate option would be Residential sales during the pandemic. It compares the various time-frames of both 2020 and 2021 and pits them against one another and the passage is filled with data and statistics.

Thus, the most appropriate option would be Residential sales 2020 v/s 2021.

Option 1 is negated as the passage does not talk about residential sales from 1997-2021

Option 2 cannot be the answer as the answer to the question provided in 2 cannot be found in the passage.

Option 3 cannot be the answer since it does not define the topic properly. Although we are talking about residential sales, the passage focusses on the comparison of two years' data rather than a general overview.

23. (c) Sustained : continuing for an extended period or without interruption.

Intermittent : occurring at irregular intervals; not continous or steady. ACHIEVERS In Focus

24. (d) The given paragraph is about the role of agriculture in the Indian economy.

Sentence C is the first sentence as it introduces the topic of the paragraph 'Agriculture' by mentioning its role in the Indian economy.

Sentence B is in the correct place and it's the second sentence as it mentions the supply (food and raw materials) through agriculture in the country.

Sentence E is the third sentence as it explains the dependency of the Indian population on agriculture at the time of independence. *ACHiEVERS In Focus*

Sentence A is the fourth sentence as it says due to the dependency on agriculture the share or agriculture in the national porduct/income at the time independence was very high.

Sentence D is the fifth sentence as it explains the reason (the development of industries and the service sector) behind the decline in the dependency on agriculture.

Sentence F is the sixth sentence as it concludes the paragraph by saying that agriculture is still a major source of foreign exchanged earnings through export.

The correct sequence is CBEADF

25. (b)   26. (a)   27. (e)   28. (c)

29. (e) To choose the correct combination, we have to go through all the options one by one.

The combination 'Ashley was willing to talk to Justin provided that she was accompanied by a police official' is correct the sentence is conditional in nature.

The connector provided that is a conditional connector in which <u>one event only happens if a previously mentioned condition is fulfilled.</u>

Example : Suzy was willing to give the exam provided that her father did not pressurize her to study 24×7.

The first statement talks about how Ashley was ready to talk to Jusitn, this is an action she may carry out based on certain conditions. *ACHiEVERS In Focus*

The second statement mentions that condition that needs to be fulfilled, this is that Ashley meets with Justin when there is a police official with her.

30. (d) To choose the correct combination we will have to go through all the options one by one.

The combination 'Sunny was driving really fast on the slick road, as a result he collided with a truck crossing the road' is correct because the 2 part of the sentence represent a cause and an effect.

As a result is a connector representing consequence meaning that it is <u>used when the events in one part of the sentence cause the events in the second part of the sentence.</u>

Example : Mary procrastinated when it came to doing schoolwork, as a result she has to stay up all night to finish it before submission.

The first statement talks about Sunny driving fast on a smooth and thus possibly slippery road. This is the cause of what happens in the second half of the sentence

The second statement talks about how Sunny met with an accident when he crashed with a truck. This is the effect of the action in the first half, it could have been that because he was driving fast on an already slippery road that he may not have been able to apply the brakes in time to avoid the accident. *ACHiEVERS In Focus*
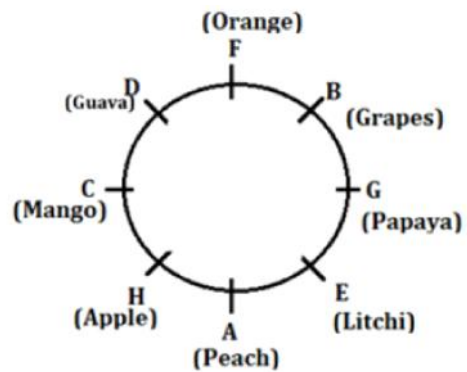

Reasoning Ability

(1–4):

Person	Department	Destination
Princy	Finance	Bangalore
Quincy	Sales	Mumbai
Rana	Human Resource	Hyderabad
Sanam	Finance	Hyderabad
Thanu	Marketing	Kolkata
Uva	Human Resource	Mumbai
Varun	Sales	Bangalore
Zareen	Marketing	Kolkata

1. (d)   2. (e)   3. (c)   4. (c)
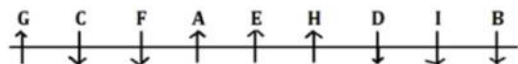
5. (d)   6. (d)   *ACHiEVERS In Focus*

(7–9):

7. (d)   8. (e)   9. (c)   *ACHiEVERS In Focus*

(10–12):

Days/Session	Forenoon	Afternoon
Monday	C	E
Tuesday	H	B
Wednesday	A	G
Thursday	F	D

10. (c)   11. (b)   12.(a)   *ACHiEVERS In Focus*

(13–16):

13. (b)   14. (c)   15.(a)   16. (e)

(17–20):

Floor	Persons	Month
7	S	January
6	Q	April
5	V	February
4	P	June
3	U	March
2	T	July
1	R	May

17. (a) 18. (b) 19. (e) 20. (d)

(21–23):
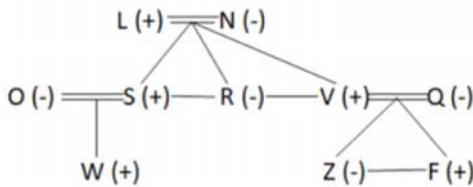
21. (d)   22. (b)   23. (e)

(24–25):

Rank	us
Entry	je
Class	nn
Basic	bs
College	cn
Open	tt
Quarter	dd
Input/Adjust	zj/zx

24. (b) 25. (e)
26. (d) 27. (c) 28. (b)
29. (b) 30. (b)

31. (c)

32. (d)

33. (e)
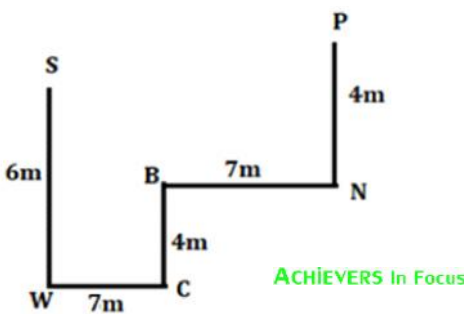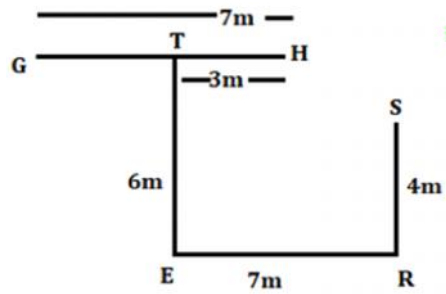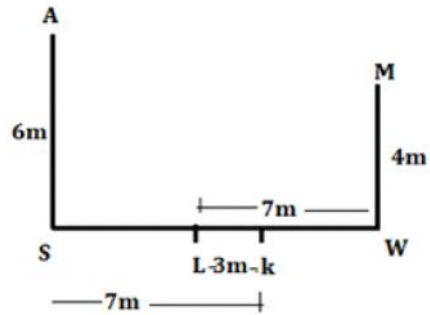
34. (b)
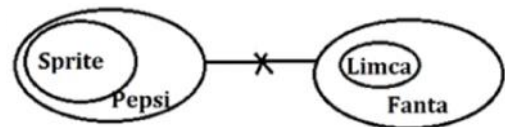
35. (a)
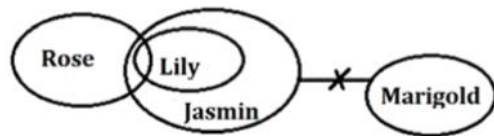
Quantitative Aptitude

(1 – 5) :

Let total players in Asia = a

And, total players in Europe = b

Total players in Crown in Asia = $a \times \dfrac{75}{4} \times \dfrac{1}{100} = \dfrac{3a}{16}$

Total players in Gold in Europe = $b \times \dfrac{200}{7} \times \dfrac{1}{100} = \dfrac{2b}{7}$

Given, $\dfrac{3a}{16} + \dfrac{2b}{7} = 210$ ....(i)

And a + b = 900 ......(ii)

So, from (i) and (ii),

Total players in Asia = 480

And total players in Europe = 420

Total players in Crown in Europe

$= \dfrac{400}{21} \times \dfrac{1}{100} \times 420 = 80$

Total players in Platinum in Asia $= \frac{1}{2} \times 480 = 240$

Now, total players in Gold in Asia

$= 480 - \frac{3}{16} \times 480 - 240 = 150$

And total players in Platinum in Europe

$= 420 - \frac{2}{7} \times 420 - 80 = 220$

Servers $\rightarrow$ Levels $\downarrow$	Asia	Europe
Platinum	240	220
Crown	90	80
Gold	150	120
Total	480	420

1. (d) Required percentage

$= \frac{240 - 120}{120} \times 100$

$= 100\%$

2. (a) Required ratio $= \frac{80}{150} = 8:15$

3. (e) Total players in Platinum and Crown in Middle east

$= 360 - 80 \times \frac{125}{100} = 260$

Required difference $= (240 + 90) - 260 = 70$

4. (b) Required average $= \frac{150 + 120}{2}$

$= \frac{270}{2} = 135$

5. (c) Boys in platinum from both servers

$= 240 \times \frac{5}{8} + 220 \times \frac{7}{11}$

$= 150 + 140 = 290$

6. (a) (I) $x^2 - 6x + 8 = 0$

$\Rightarrow x^2 - 4x - 2x + 8 = 0$

$\Rightarrow x(x - 4) - 2(x - 4) = 0$

$\Rightarrow (x - 2)(x - 4) = 0$

$\Rightarrow x = 2, 4$

(II) $y^2 + 8y + 15 = 0$

$\Rightarrow y^2 + 5y + 3y + 15 = 0$

$\Rightarrow y(y + 5) + 3(y + 5) = 0$

$\Rightarrow (y + 3)(y + 5) = 0$

$\Rightarrow y = -3, -5$

$\therefore x > y$

7. (d) (I) $x^2 - 12x + 32 = 0$

$\Rightarrow x^2 - 8x - 4x + 32 = 0$

$\Rightarrow x(x - 8) - 4(x - 8) = 0$

$\Rightarrow (x - 8)(x - 4) = 0$

$\Rightarrow x = 8, 4$

(II) $y^2 - 20y + 96 = 0$

$\Rightarrow y^2 - 12y - 8y + 96 = 0$

$\Rightarrow y(y - 12) - 8(y - 12) = 0$

$\Rightarrow (y - 8)(y - 12) = 0$

$\Rightarrow y = 8, 12$

$\therefore y \geq x$

8. (a) (I) $4x^2 + 14x - 18 = 0$

$\Rightarrow 4x^2 + 18x - 4x - 18 = 0$

$\Rightarrow 2x(2x + 9) - 2(2x + 9) = 0$

$\Rightarrow (2x - 2)(2x + 9) = 0$

$\Rightarrow x = 1, -\frac{9}{2}$

(II) $y^2 + 12y + 35 = 0$

$\Rightarrow y^2 + 7y + 5y + 35 = 0$

$\Rightarrow y(y + 7) + 5(y + 7) = 0$

$\Rightarrow (y + 5)(y + 7) = 0$

$\Rightarrow y = -5, -7$

$\therefore x > y$

9. (a) Required number of ways

$= \frac{8!}{2!} - \frac{7!}{2!} = 20160 - 2520 = 17640$

10. (a) Let x kmph and y kmph be speed of man and stream respectively.

$\frac{12}{x + y} = \frac{4}{x - y}$ or, $x = 2y$

also, $\frac{45}{x + y} + \frac{45}{x - y} = 20$

or $\frac{15}{y} + \frac{45}{y} = 20$ $(\because x = 2y)$

$y = 3$

11. (d) Let number of blue balls and red balls in the bag are 'x' and '2x' respectively.

Since probability of taking out 2 blue balls from the bag $= \frac{1}{12}$

So,

$\frac{^xC_2}{^{3x}C_2} = \frac{1}{12}$

$\frac{\frac{x!}{2!(x-2)!}}{\frac{3x!}{2!(3x-2)!}} = \frac{1}{12}$

$= \frac{[x \times (x-1)]}{[3x \times (3x-1)]} = \frac{1}{12}$

$\Rightarrow 4x - 4 = 3x - 1$

$x = 3$

So, total number of balls in the bag $= 3 + (2 \times 3) = 9$

12. (b)

13. (b)

14. (d) $\frac{\frac{5}{2} + \frac{5}{3} + \frac{5}{4}}{1 + \frac{1}{3} + \frac{5}{6}} = \frac{29}{4} - ?$

$$\Rightarrow \frac{\dfrac{30+20+15}{12}}{\dfrac{6+2+5}{6}} = \frac{29}{4} - ?$$

$$\Rightarrow \frac{65}{12} \times \frac{6}{13} = \frac{29}{4} - ?$$

$$\Rightarrow ? = \frac{29}{4} - \frac{5}{2} = \frac{19}{4} = 4\frac{3}{4}$$

15. (d) $432 \div (18\% \text{ of } 600) = 12 \times 3\frac{5}{7} \text{ of } (? \div 13) \text{ of } \frac{1}{36}$

$$\Rightarrow 432 \div \frac{18}{100} \times 600 = 12 \times \frac{26}{7} \times \frac{?}{13} \times \frac{1}{36}$$

$$\Rightarrow ? = \frac{432 \times 7 \times 13 \times 36}{108 \times 12 \times 26} = 42$$

16. (a) $\dfrac{(361-49) \times 8}{24} + \dfrac{?}{100} \times 150 = 203$

$$\Rightarrow \frac{312}{3} + \frac{3 \times ?}{2} = 203$$

$$\Rightarrow \frac{3 \times ?}{2} = 99$$

$$\Rightarrow ? = 66$$

17. (b) $56\% \text{ of } 1200 - \dfrac{4^3 \times 6}{\sqrt{144}} - 125\% \text{ of } \dfrac{720}{5} = ?$

$$\Rightarrow 672 - 32 - 180 = ?$$
$$\Rightarrow ? = 460$$

18. (a) $\sqrt[3]{85184} \div 11 \times 16 + \dfrac{5}{8} \text{ of } 120 = ? + 18$

$$\Rightarrow \frac{44}{11} \times 16 + \frac{5}{8} \times 120 - 18 = ?$$
$$\Rightarrow ? = 64 + 75 - 18 = 121$$

19. (a) Train starts from B cover the distance in 20 min

$$= 40 \times \frac{20}{60} = \frac{40}{3} \text{ km}$$

Remaining distance $= 900 - \dfrac{40}{3} = \dfrac{2660}{3}$ km

Required distance $= \dfrac{2660}{3 \times (30+40)} \times 30 = 380$ km

20. (c) According to the question

$$\frac{4x}{5x+18} = \frac{4}{9}$$
$$\Rightarrow 36x = 20x + 72$$

$$\Rightarrow x = \frac{72}{16} \Rightarrow 4x = 18$$

21. (a) Let cost of each cow be Rs. x
According to the question,

$$20x \times \frac{15}{100} + 40x \times \frac{19}{100} + 16x \times \frac{25}{100} = 6570$$

$$\Rightarrow \frac{300x + 760x + 400x}{100} = 6570$$

$$\Rightarrow x = \frac{6570 \times 100}{1460} = 450$$

22. (a) Let P's one day's work be $\dfrac{1}{P}$ and Q's one day's work be $\dfrac{1}{Q}$

According to the question,

$$\frac{1}{P} + \frac{1}{Q} = \frac{1}{5} \quad \text{......(i)}$$

$$\frac{2}{P} + \frac{1}{2Q} = \frac{1}{4} \quad \text{......(ii)}$$

Solving (i) and (ii) we get,
P = 10, Q = 10

23. (a) Ratio of profit of Suresh, Aman and Vikram is
$= 4000 \times 12 : (6000 \times 4 + 8000 \times 8) : (8000 \times 9 + 6000 \times 3)$
$= 24 : 44 : 45$

Profit of Suresh $= \dfrac{24}{113} \times 16950 = $ Rs. 3600

Profit of Aman $= \dfrac{44}{113} \times 16950 = $ Rs. 6600

Profit of Vikram $= \dfrac{45}{113} \times 16950 = $ Rs. 6750

24. (a) Area of canvas $= 2 \times \dfrac{22}{7} \times \dfrac{105}{2} \times 3 + \dfrac{22}{7} \times \dfrac{105}{2} \times 63$
$= 990 + 10395 = 11385$ m²

25. (a) C.P $= \dfrac{15000 \times 90}{108} = $ Rs. 12500

26. (a)

```
          33
32   34   37   46   62   87   123
  +1   +4   +9  +16  +25  +36
  |    |    |    |    |    |
  1²   2²   3²   4²   5²   6²
```

27. (c)

```
               51
7   18   40   106   183   282   403
 +11  +33  +55  +77  +99  +121
   +22  +22  +22  +22  +22
```

28. (d)

```
                    780
850  843  829  808  788  745  703
  -7  -14  -21  -28  -35  -42
```

29. (e)

```
                    591
33  321  465  537  573  590  600
 +288 +144  +72  +36  +18  +9
```

30. (a)

$$\overset{42}{37 \quad 47 \quad 52 \quad 67 \quad 87 \quad 112 \quad 142}$$
$$\quad +5 \quad +10 \quad +15 \quad +20 \quad +25 \quad +30$$

(31 – 35)

Total number of passenger in S1 = 400

Number of female passengers in S1 = $750 \times \dfrac{30}{100}$ = 225

Number of male passengers in S1 = 400 – 225 = 175

Total number of passengers in S2 = 200

Number of female passengers in S2 = $750 \times \dfrac{18}{100}$ = 135

Number of male passengers in S2 = 200 – 135 = 65

Total number of passengers in S3 = 100

Number of female passengers in S3 = $750 \times \dfrac{10}{100}$ = 75

Number of male passengers in S3 = 100 – 75 = 25

Total number of passengers in S4 = 250

Number of female passengers in S4 = $750 \times \dfrac{22}{100}$ = 165

Number of male passengers in S4 = 250 – 165 = 85

Total number of passengers in S5 = 300

Number of female passengers in S5 = $750 \times \dfrac{20}{100}$ = 150

Number of male passengers in S5 = 300 – 150 = 150

31. (d) Required ratio = (175 + 65):(75 + 165)
= 240:240
= 1:1

32. (a) Required percentage

$$= \frac{25 + 85}{100 + 250} \times 100$$

$$= \frac{110}{350} \times 100$$

= 31.43%

33. (b) Required difference
= (225 + 150) – (65 + 25 + 85) = 375 – 175 = 200

34. (d) Required percentage

$$= \frac{285 - 240}{240} \times 100 = \frac{45}{240} \times 100 = 18.75\%$$

35. (e) Number of male passengers in S6 = $\dfrac{140}{100} \times 150 = 210$

Number of female passengers in S6 = $210 \times \dfrac{150}{100} = 315$

Total number of passengers in S6 = 210 + 315 = 525

ACHIEVERS In Focus

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