

# **ANSWER with SOLUTION**

## **SET – 4**

**Question 1:** Answer: Option E

Explanation:

From I and II, we conclude that there are 16 students above Reena in rank. Thus, Reena's rank is 17th in the class. So, both the statements are necessary.

**Question 2:** Answer: Option D

Explanation:

From II, we conclude that B is the brother-in-law of M. So, even from both the statements, we can't find out who is the father of M.

**Question 3:** Answer: Option B

Explanation:

Statement II reveals that 17th was a Saturday and therefore, 14th was Wednesday. So, only statement II is needed.

**Question 4:** Answer: Option E

Explanation:

From I, we have  $A < B < D$ . From II, we have  $C < B$ . Combining (i) and (ii), we can conclude that D is the heaviest. So, both the statements are needed

**Question 5:** Answer: Option E

Explanation:

II reveals that the previous bus had left 7.45 p.m. As given in I, the next bus would leave after 30 minutes i.e. at 8.15 p.m.

**Question 6:** Answer: Option B

Explanation:

Statement II reveals that Satish met his friend Kapil on the day prior to Friday i.e., Thursday. Thus, only II is needed.

**Question 7:** Answer: Option E

Explanation:

As given in statements I and II, we have

$$G = V = K, V + K + A = 32 \text{ and } A = V + k.$$

Putting  $V + K = A$  in second, we get  $2A = 32$  or  $A = 16$ . Thus,  $V + K = 16$  and  $V = K$ . So,  $V = K = 8$ . Thus,  $R = 8$ .

**Question 8:** Answer: Option D

Explanation:

Clearly, both the statements together are not sufficient to answer the question.

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**Question 9:** Answer: Option A

Explanation:

From I we have,  $P > M$ ,  $P > K$ ,  $A > P$ .

From II we have,  $M > K$ ,  $P > M$ ,  $A > P$ .

Combining the above two, we have:  $A > P > M > K$ . Thus, Akash is the heaviest.

So, both the statements are required.

**Question 10:** Answer: Option C

Explanation:

I reveals that 58th is the last rank in the class. This means that there are 58 students in the class.

So, I alone is sufficient.

Also, from II, we find that Hemanth's rank in the class is 10th from the top and 49th from the last. So, there are  $(10 + 49 - 1) = 58$  students in the class.

Thus, II alone is also sufficient.

**Question 11:** Answer: Option D

Explanation:

Clearly, even both the statements together do not reveal Manohar's birthday.

**Question 12:** Answer: Option E

Explanation:

Clearly, the birthday of Gautam's mother can be found out from II and then Goutam's birthday can be determined using the fact given in I. Thus, both the statements are required.

**Question 13:** Answer: Option E

Explanation:

From I, we find that

Total money with Naresh and Ajay =  $\text{Rs}(28/100 * 75000) = \text{Rs}.21000$ .

From II, we find that money with Ajay =  $\text{Rs}(3/4 * 21000) = \text{Rs}.15750$ .

So, both I and II are required.

**Question 14:** Answer: Option D

Explanation:

Clearly, even both the statements together do not reveal the exact time of departure of the train today.

**Question 15:** Answer: Option D

Explanation:

Clearly, even from both the given statements, we cannot conclude the exact date of Subhas leaving for Germany.

**Question 16:** Answer: Option E

Explanation:

From I, we have :  $D > A$ ,  $D > C$ .

From II, we have :  $E > B > D$ .

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Combining the above two, we get :  $E > B > D > (A \text{ and } C)$ .

So, E is the tallest. Clearly, both the statements are needed to answer the question.

**Question 17:** Answer: Option E

Explanation:

From both the statements together, we can conclude that the price range of ordinary wall clocks is Rs.200 to Rs.300. Thus, both I and II are required.

**Question 18:** Answer-A

**QUESTION 19:** Answer-C

**QUESTION 20:** Answer-C

**QUESTION 21:** Answer-B

**QUESTION 22:** Answer-A

**QUESTION 23:** Answer-D

**QUESTION 24:** Answer-B

**QUESTION 25:** Answer-A

**QUESTION 26:** Answer-A

**QUESTION 27:** Answer-C

**QUESTION 28:** Answer-D

**QUESTION 29:** Answer-B

**QUESTION 30:** Answer-C

**QUESTION 31:** Answer-B

**QUESTION 32:** Answer-C

**QUESTION 33:** Answer-D

**QUESTION 34:** Answer-A

**QUESTION 34:** Answer-A

**QUESTION 35:** Answer-C

**QUESTION 36:** Answer-D

**QUESTION 37:** Answer-B

**QUESTION 38:** Answer-D

**QUESTION 39:** Answer-C

**QUESTION 40:** Answer-A

**QUESTION 41:** Answer-D

**QUESTION 42:** Answer-A

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**QUESTION 43:** Answer-D

**QUESTION 44:** Answer-D

**QUESTION 45:** Answer-C

**QUESTION 46:** Answer-D

**QUESTION 47:** Answer-B

**QUESTION 48:** Answer-B

**QUESTION 49:** Answer-D

**QUESTION 50:** Answer-D