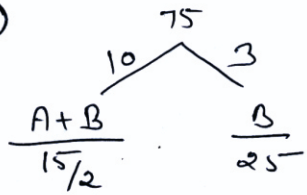


Bank Test (FLT-2)

①

① → ⑨



Eff → 7

∴ A → $\frac{75}{7} \Rightarrow \underline{\underline{10\frac{5}{7} \text{ days}}}$

② → d

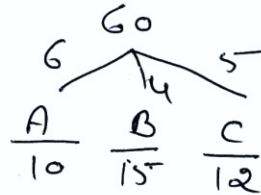
A - $\frac{1}{2}$ part → 5 days

A - Com. → 10 days

B - $\frac{3}{5}$ part → 9 days

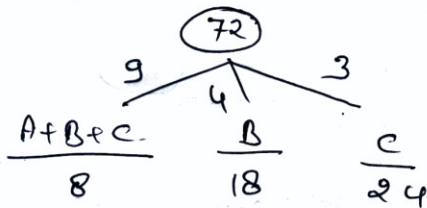
B - Com → $\frac{3}{5} \times 5 = 15$ days

C → Com → $\frac{4}{8} \times 3 = 12$



∴ A+B+C = $\frac{60}{15} = \underline{\underline{4 \text{ days}}}$

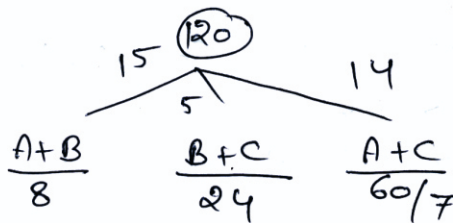
③ → c



∴ Eff of A → 2

∴ A → $\frac{72}{2} = \underline{\underline{36 \text{ days}}}$

④ → ⑨



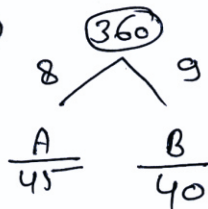
∴ 2(A+B+C) = 34

A+B+C = 17

∴ C → 2

∴ C → $\frac{120}{2} = \underline{\underline{60 \text{ days}}}$

⑤ → ⑨



B → 23 days → 23 × 9 = 207

Rem → 360 - 207 = 153

(A+B) → $\frac{153}{17} = 9$

So A left work after 9 days

6 → 9



$$2(A+B+C) \rightarrow 15$$

$$A+B+C \rightarrow 7.5$$

$$(A+B+C) \rightarrow 10 \text{ days} \rightarrow 7.5 \times 10 = 75$$

$$\text{Rest work} = 120 - 75 = 45$$

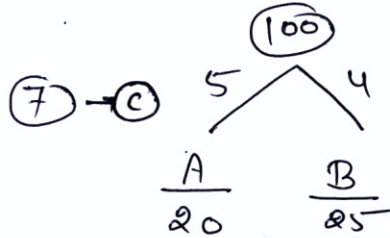
$$A \rightarrow \frac{45 \times 10}{2.5} = 18$$

$$(A+B) \rightarrow 5 \text{ days} \rightarrow 9 \times 5 = 45$$

$$\text{Rest} \rightarrow 100 - 45 = 55$$

$$\therefore A \rightarrow \frac{55}{5} = 11$$

$$\therefore \text{Total days } 11 + 5 = 16$$



8 → 9



$$A \text{ 3 days work} = 6 \times 3 = 18$$

Let whole work is completed in x days

$$B \rightarrow 5x$$

$$C \rightarrow 4(x-4)$$

$$18 + 5x + 4x - 16 = 60$$

$$9x = 58$$

$$x = \frac{58}{9} = 6 \frac{4}{9} \text{ Ans}$$

9 → C



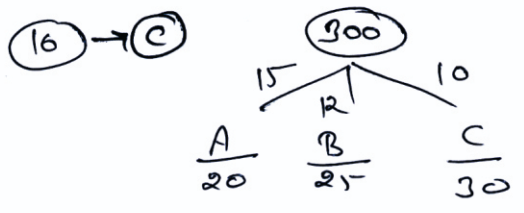
$$A - 4 \text{ days} \rightarrow 9 \times 4 = 36$$

$$B \rightarrow 4 \times 9 = 36$$

$$C \rightarrow 3 \times 9 = 27$$

$$\text{Rest} \rightarrow 144 - 99 = 45$$

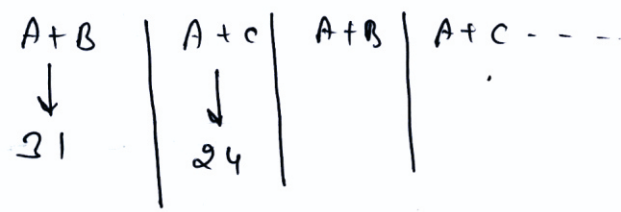
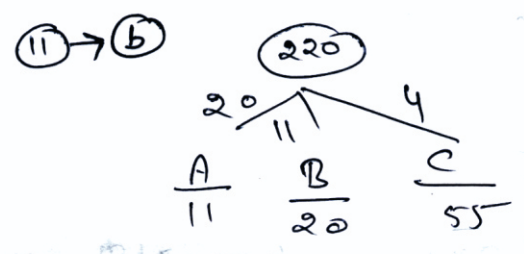
$$\therefore C \rightarrow \frac{45}{3} = 15 \text{ days}$$



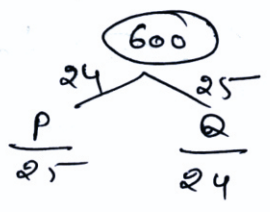
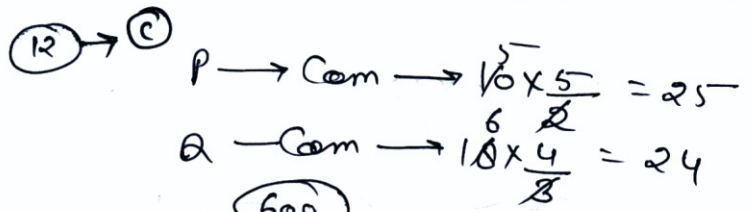
$$\begin{array}{r}
 37 \text{ unit} \longrightarrow 3 \text{ days} \\
 + 8 \qquad \qquad \qquad + 8 \\
 \hline
 296 \longrightarrow 24 \text{ days} \\
 \textcircled{4} \longrightarrow \frac{4}{15} \text{ days}
 \end{array}$$

$$\begin{array}{l}
 A \rightarrow 15 \rightarrow 1 \\
 1 \rightarrow \frac{1}{15} \\
 \therefore 4 \rightarrow \frac{4}{15} \text{ days}
 \end{array}$$

∴ Total time = $\textcircled{24 \frac{4}{15}}$ days.



$$\begin{array}{r}
 55 \longrightarrow 2 \text{ days} \\
 + 4 \qquad \qquad \qquad + 4 \\
 \hline
 220 \longrightarrow \underline{\underline{8 \text{ days}}}
 \end{array}$$



Let P & Q work together for x days.

$$49x + 25 \times 3 = \frac{37}{144} \times 600$$

$$49x = 222 - 75 = 147$$

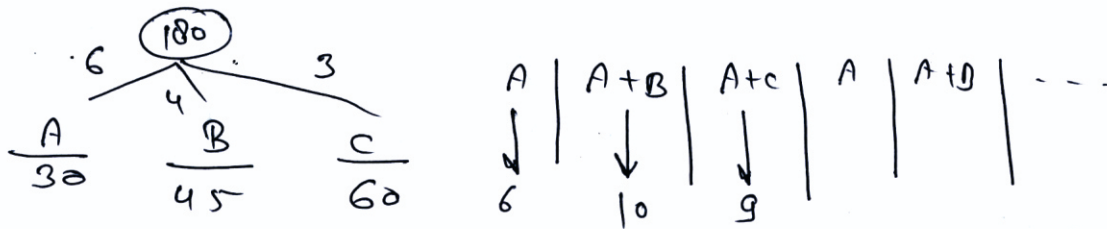
$$x = \frac{147}{49} = \textcircled{\underline{\underline{3}}}$$

(13) → (c) $\frac{m_1 D_1 h_1}{w_1} = \frac{m_2 D_2 h_2}{w_2}$

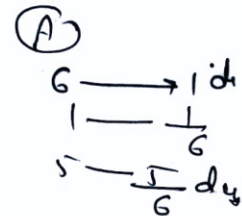
$$\frac{24 \times 15^2}{1} = \frac{48 \times 8 \times D}{8}$$

∴ D = 30 days

(14) → (c)

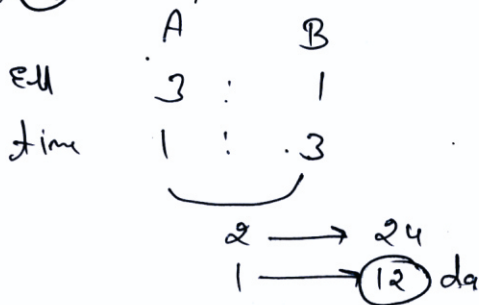


$$\begin{array}{r} 25 \text{ w} \longrightarrow 3 \\ \times 7 \qquad \qquad \times 7 \\ \hline 175 \longrightarrow 21 \text{ days} \\ 5 \longrightarrow \frac{5}{6} \text{ day} \end{array}$$



∴ Total time → 21 $\frac{5}{6}$ days

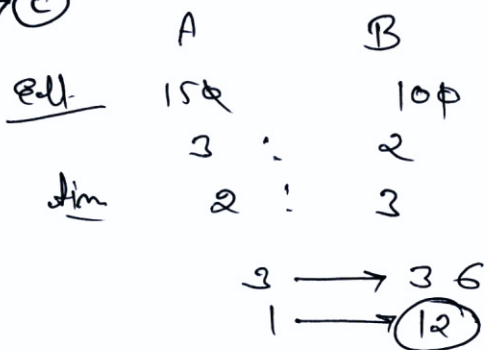
(15) → (a)



To work = 3 × 12 = 36

∴ A+B → $\frac{36}{4} = \underline{\underline{9}}$ day

(16) → (c)



To work = 2 × 36 = 72

A → $\frac{72}{3} = \underline{\underline{24}}$ day

17 → b

$$\frac{A+B}{18} \quad \frac{B+C}{15} \quad \text{TL:-} \quad \begin{array}{l} A+B \\ 18 \\ \hline 6 \end{array} \quad \begin{array}{l} B+C \\ 15 \\ \hline 5 \end{array} \quad \begin{array}{l} A \\ 18 \\ \hline 2 \end{array} \quad \begin{array}{l} C \\ 15 \\ \hline 3 \end{array}$$

$\frac{5}{6} : \frac{6}{5}$
 $\frac{5}{6} : \frac{6}{5}$
1
 $A = 2 \quad B = 3 \quad C = 3$

T.W = $18 \times 5 = 90$
 $\therefore A \rightarrow \frac{90}{2} = \underline{\underline{45 \text{ days}}}$

18 → b

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all 5 : 4 : 6 → 10

$\frac{5}{4} : \frac{6}{5}$
5 days

T.W = $9 \times 5 = 45$
 $(R+S) \rightarrow \frac{45}{11} = \underline{\underline{4.5 \text{ days}}}$

19 → A

A : B C : D

3 1

↓ ↓

12 : ? 4 : 3 = 7

T.W = 36×7

$A+B \rightarrow \frac{36 \times 7}{14} = 18$

$\therefore B \text{ all} = 18 - 12 = 6$

$\therefore B \rightarrow \frac{36 \times 7}{6} = \underline{\underline{42}}$

20
→ 5

$$m_1 \times D \times T_1 = m_2 \times D_2 \times T_2$$

$$15 \times 10 \times 10 = 12 \times D \times 10$$

$$D = 10 \text{ days}$$

21 → c

A	A+B	C
t = 180	100	
d = 9	5	
Eq = 5	9	

$A \rightarrow \frac{10^4}{8} + \frac{2 \times 10^4}{8}$

22 → d

$$184 \times 16 = 18x + 12 \times 12$$

T.W.

$$288 - 144 = 18x$$

$$x = \frac{144}{18} = 18$$

23 → a

Men Days

$$32 \times 30 = 960$$

$$T.W. \times \frac{1}{3} = 960$$

$$T.W. = 960 \times 3$$

$$\text{Remain} = 960 \times 2 \times \frac{2}{3} = (32 + x) \times 3$$

$$60 = 32 + x$$

$$\therefore x = 28 \quad \text{Ans}$$

24 → C

$$24 \times 8 \times 15 \times 3 = 48 \times 6 \times D_2$$

$$D_2 = 30 \text{ days.}$$

25

$$(6m + 8B) 16^5 = (26m + 48B) \times 2^1$$

→ 9

$$30m + 40B = 26m + 48B$$

$$4m = 8B$$

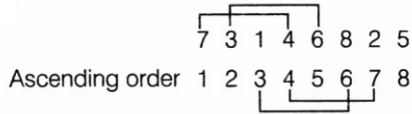
$$\frac{m}{B} = \frac{2}{1}$$

T.W. - $(12+8) \times 10$
 20×10

$$(18m + 20B) \rightarrow \frac{20 \times 10}{80}$$

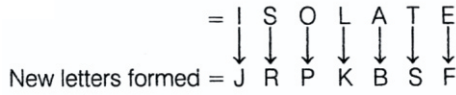
4

26. (3) Given number,



Hence, there are only two (3,6) and (7, 4) such pair of digits.

27. (1) Given letters



New letters formed = J,R, P, K, B, S, F
Letters arranged alphabetically B, F, J, K, P, R, S
So, P will be third from the right end.

28. (4) M (NOPQ) R (STUV) W (XYZA) B (CDEF) G

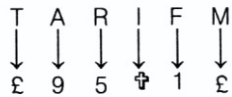
$$1 \times 2 = 2, 2 \times 2 = 4, 2 \times 4 = 8, \\ 4 \times 8 = 32, 8 \times 32 = 256$$

R, Q, P, O, N

M2R, R4Q, W8P, B32O, G256N

$\therefore ? = B32O$

29. (1) According to the condition (ii)



30. (5) According to the condition (i)



31. (3) **Statement** $D \leq N = K > R$

Conclusions I. $D = N$ (May be true)

II. $N > D$ (May be true)

\therefore Either Conclusions I or II is true

32. (4) **Statement** $K \geq F \leq M > R$

Conclusions I. $M > K$ (False)

II. $R \geq K$ (False)

33. (5) **Statement** $K = H > T \geq W$

Conclusions I. $K > W$ (True)

II. $T < K$ (True)

34. (2) **Statement** $F = N > A < L$

Conclusions I. $L > F$ (False)

II. $F > A$ (True)

35. (2) **Statement** $B \leq D = M < F$

Conclusions I. $B < M$ (False)

II. $F > B$ (True)

Sol. (Q. Nos. 36-40)

M 5 % P U 2 A \$ 4 3 Z E K 1 9 Q R I @ D 7 F 8
8 W N 6 # V @ J * Y

36. (1) Seventeenth from the right end = R
Ninth to the right of R = N
Alternate method, $17 - 9 = 8$ th
number from right = N

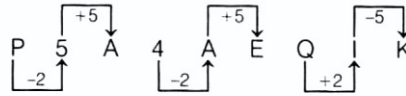
37. (5) Sixth to the left of W = @
Fourth to the left of @ = 9

38. (3) A \$ 4, F 8 8

So, there are two such pairs.

39. (1) Only such constant is 7 F 8

40. (5)



Hence, VN * is does not belong to the group.

41. (2) First letter of the third word from left is 'A' and the first letter of the second word from the right is 'C'.

Hence, in the English alphabetical series only one letter (B) is between A and C.

42. (1) Words so formed are

BVT SJT AOD CVT BBN

Four words are formed without vowels.

43. (2) Words will appear as follows

AND BAN BUT CUT SIT

BUT is third from the right.

44. (3) Words so formed as

BUS SIS ANC COS BAM

Only BUT will form a meaningful word.

45. (4) Words so formed are

BVT SJT AOD CVT BBN

Only one word contains two vowels.

Sol. (Q. Nos. 46-50) According to the given information the arrangement is as follows

Order	1st	2nd	3rd	4th	5th	6th	7th
Lecture	D (First) lecture	No	B	E	F	C	A (last)
Day	Sun	Mon	Tues	Wed	Thurs	Fri	Sat

46 (1) By analysing the above table, it is clear that no lecture is organised on Monday.

47 (4) By analysing the above table, it is clear that between C and D \Rightarrow three lectures i.e. B, E and F.

48 (1) By analysing the above table, it is clear that Lecture F is organised on \rightarrow Thursday

49 (1) By analysing the above table, it is clear that

Last lecture i.e. 7th in the series \rightarrow Lecture A.

50. (5) By analysing the given information, it is clear that all the statements are required in finding the complete sequence of organisation of lectures.

51. **Answer: E; is disproportionately among the later 'Later' will be replaced by 'latter'. 'Latter' means referring to the second of two persons or things mentioned previously and here, it has been used for the unvaccinated people. The experience with the new variant Omicron is that it is so infectious, it does not discriminate among the vaccinated and the unvaccinated, though severe disease and death is disproportionately among the latter.**

52. **Answer: B; Only II**
As per the 1st paragraph, it can be identified that the correct answer is 'Molnupiravir'. Molnupiravir, which was approved this month by the U.S. Food and Drug Administration, on the heels of Paxlovid by Pfizer Inc., is said to be a promising drug for those with mild and moderate disease and easily administered as a pill — its key selling point. Thirteen companies in India are set to make this drug.

53. **Answer: D; Both B & C**
We can identify the correct statements by reading the second paragraph of the passage. Statement A is incorrect as we can see the last line of the 1st paragraph and identify that '90% of India's adults have been inoculated with one dose'.
Statement B - A combination of Novavax and AstraZeneca (Covishield) was also effective in boosting antibodies, according to the COVBOOST study in the United Kingdom.
Statement C - The new directives say that "precaution doses", which are third doses of the vaccines an individual has already been inculcated with, will be available for healthcare and frontline workers and those above 60 with comorbidities.

54. **Answer: C; inoculated**
The context says that the 'precaution dose' has been administered to an individual and it will be available for healthcare and frontline workers and those above 60 with comorbidities. For vaccination, 'inoculated' is the correct word.

Inculcate - incriminate, accuse Emancipate - discharge, release, liberate Eject - cast out, remove

55. **Answer: D; Both I & III**

We can identify the incorrect statements by reading the passage carefully. Statement II is correct and we can find it after reading the 2nd paragraph. "The 1517 years age group will get only Covaxin from January 3. That several Indians have been exposed to a live infection in the second wave that only improves the odds of protection."

Statement I can be identified that it is incorrect, from the 2nd paragraph.

Statement I - The only study on mixing Covaxin and Covishield — that resulted from a mix-up in Uttar Pradesh — showed that antibody levels were higher than two doses of either vaccine.

Statement III - Corbevax, by Biological E, is a protein subunit vaccine as is Covovax, to be made by the Serum Institute of India.

56. **Answer: E; I, III & IV**

'Moderna' has not been mentioned in the passage above. So, the correct answer is option E.

57. **Answer: B; practicability**

Feasibility - practicability, possibility Opp. - doubtfulness

Incredible - fantastic, unbelievable/ doubtful, unlikely

Antipathy - hostility, enmity, animosity

58. **Answer: A; There was a time during the second wave of covid-19, where there was unusual demand for Remdesivir and accounted to black marketing.**

It is clearly stated in the last few lines of the paragraph - The second wave revealed a treatment fiasco with Remdesivir — sans any therapeutic merit — that saw irrational demand and black marketing.

Statement C is false. As per the 1st paragraph, it is about 'Covovax'. "Covovax has already been approved by the WHO under its Emergency Use Listing and will be available globally as part of the COVAX initiative to ensure that at least 40% of the world is vaccinated on priority."

59. **Answer: D**

We can frame these two sentences by using options II and III.

II. While Vande Bharat trains can run at a speed of 160 kmph, the tracks in Kerala have only a maximum sectional speed varying between 80 kmph and 110 kmph.

III. Although Vande Bharat trains can run at a speed of 160 kmph, the tracks in Kerala have only a maximum sectional speed varying between 80 kmph and 110 kmph.

While and although both are contrasting connectors. Hence option D is the correct answer.

60. **Answer: A**

We can frame these two sentences by using option I.

I- Though the People's Liberation Army was constructing its own infrastructure in the buffer zone, the construction of a temporary bridge by Indian troops aroused strong opposition by the Chinese.

Hence option A is the correct answer.

61. Answer: B

We can frame these two sentences by using option II and III.

II- A statement by K-Rail denying claims that Vande Bharat trains could be an alternative to Kerala Rail Development Corporation Limited.

III- Amidst claims that Vande Bharat trains could be an alternative to Kerala Rail Development Corporation Limited (K-Rail), K-Rail has come out with a statement denying such claims.

Hence option B is the correct answer.

62. Answer: D

We can frame these two sentences by using options I and II.

II- At least five people were reportedly killed after an accident at an illegal coal mine in Jharkhand's Dhanbad.

I- After an accident at an illegal coal mine in Jharkhand's Dhanbad, five people were reportedly killed.

Hence option D is the correct answer.

63. Answer: D

We can frame these two sentences by using all the three options.

I- Since the rally was denied permission, police across the state launched a massive crackdown and detained employees who were trying to reach Vijayawada.

II- Because the rally was denied permission, police across the state launched a massive crackdown and detained employees who were trying to reach Vijayawada.

III- As the rally was denied permission, police across the state launched a massive crackdown and detained employees who were trying to reach Vijayawada.

Hence option D is the correct answer.

64. Answer: E

We can frame these two sentences by using option III

III- Speaking first from the Opposition side in the Lok Sabha during the debate on the Motion of Thanks on the President's address, Gandhi demanded an apology from Shah while narrating how a political leader from Manipur got insulted.

Hence option E is the correct answer.

65. Answer: B

We can frame these two sentences by using options I and III

I- The caseload in the metropolis rose to 10,48,521 while death toll reached 16,640, the Brihanmumbai Municipal Corporation (BMC) said in a release.

III- The Brihanmumbai Municipal Corporation (BMC) said in a release that the caseload in the metropolis rose to 10,48,521 while death toll reached 16,640.

Hence option B is the correct answer.

66. Answer: D

We can frame these two sentences by using option I, II and III

II- Bharat Dynamics Limited (BDL) and the Indian Army have signed a contract worth Rs 3,131.82 crore for the manufacture and supply of Konkurs-M anti-tank guided missiles.

I- For the manufacture and supply of Konkurs-M anti-tank guided missiles, Bharat Dynamics Limited (BDL) and the Indian Army have signed a contract worth Rs 3,131.82 crore.

III- The Indian Army with Bharat Dynamics have signed a contract worth Rs 3,131.82 crore for the manufacture and supply of Konkurs-M anti-tank guided missiles.

Hence option D is the correct answer.

67. Answer: C

We can frame these two sentences by using option II. On the 810th Urs of Khwaja Moinuddin Chishti, Prime Minister Narendra Modi presented a 'chadar' to Minority Affairs Minister Mukhtar Abbas Naqvi, which will be offered at Ajmer Sharif Dargah.

Hence option C is the correct answer.

68. Answer: D

We can frame these two sentences by using option I and II.

I- Alleging that former JNU student Umar Khalid and six others conspired to incite violence and planned attack on police officials during 2020 riots in the national capital, the Delhi police opposed the bail application before a court.

II- The Delhi police opposed the bail application of former JNU student Umar Khalid and six others before a court, alleging that they conspired to incite violence and planned attack on police officials during 2020 riots in the national capital.

Hence option D is the correct answer.

69. Answer: E

We can frame these two sentences by using option II and III.

II- The Union Home Ministry has approved the restructuring of the Intelligence Bureau (IB) to increase promotions in the organization, and expenditure on this account would be met from its sanctioned budget grants.

III- In a bid to increase promotions in the organization, the Union Home Ministry has approved the restructuring of the Intelligence Bureau (IB) and expenditure on this account would be met from its sanctioned budget grants.

Hence option E is the correct answer.

70. Answer: A

We can frame these two sentences by using only I

I- The Central Bureau of Investigation (CBI) has registered four separate cases against several officials of Employees' Provident Fund Organization posted at the Regional Office in Andhra Pradesh's Guntur and others on corruption charges.

Hence option A is the correct answer.

71. Answer: D

We can frame these two sentences by using all the three given options.

I. To commemorate the death anniversary of the beloved Sufi saint, the Urs festival is celebrated each year in the holy city of Ajmer during the first six days of Rajab, the seventh month of the Islamic calendar.

II. The Urs festival is celebrated each year in the holy city of Ajmer during the first six days of Rajab, the seventh month of the Islamic calendar to commemorate the death anniversary of the beloved Sufi saint.

III. During the first six days of Rajab, the seventh month of the Islamic calendar, the Urs festival is celebrated each year in the holy city of Ajmer to commemorate the death anniversary of the beloved Sufi saint.

Hence option D is the correct answer.

72. Answer: E

We can frame these two sentences by using option III.

III- After receiving the information, the CBI laid a trap and arrested both the accused while demanding and accepting a bribe of Rs 50,000 from the complainant.

Hence option E is the correct answer.

73. Answer: B

We can frame these two sentences by using options I and III.

I- Before being delivered to the Navy later this year the Indian Navy's brand-new submarine, the fifth of six French-designed Scorpene-class submarines, will now undergo rigorous trials.

III- The Indian Navy's brand-new submarine, the fifth of six French-designed Scorpene-class submarines, will now undergo rigorous trials before being delivered to the Navy later this year.

Hence option B is the correct answer.

74. Answer: (e)

The correct combinations of sentences have been given in both (a) and (c). The sentences after matching are:

A-E → The BBC announced Thursday that it has appointed Deborah Turness as its new chief executive for news and current affairs, bringing to the broadcaster a vastly experienced journalist who previously held senior leadership positions at the news division of American TV network NBC.

C-D → The sources in the Indian security establishment said the site of the Chinese soldiers celebrating the New Year is in a depth area on the Chinese side near the Galwan Valley region and that it is not at all close to the buffer zone created in the region following the deadly clashes on June 15.

B-F → The defence ministry on Friday said it held several rounds of military talks with the Chinese side to deescalate the situation in eastern Ladakh without compromising on its stand of 'complete disengagement and immediate restoration of status quo ante.

Therefore, option (e) is the correct answer.

75. Answer: (c)

The sentences after combining are as given below:

A-F → Eating seasonal food is the key to a healthy life. Not only does it allow us to benefit from the higher life force energy in such foods, but also adds variety to our meals. Seasonal fruits and vegetables are loaded with nutrients that help boost our immunity and prevent us from the infections that might occur in that season.

B-D → Corn is rich in vitamin A and antioxidants, which helps in maintaining good eye health. Corn is rich in fiber, which is good from the perspective of weight-loss too. Fiber helps in digestion which facilitates weight-loss. The fiber in corn also helps in reducing cholesterol levels.

C-E → The film concluded principal photography with a wonderful winter spell in Ooty, with powerhouse stars Vidya Balan and Pratik Gandhi. Sources say that the cast got on like a house on fire all through production, and the excitement is palpable in this radiant picture of Vidya and Pratik celebrating the wrap.

Therefore, the best option is (c).