

21 Day Study Plan

Day -17



1. Which pass is the highest motorable pass in India?

- A. Khardung La
- B. Mintaka
- C. Aghil
- D. Banihal

2. Which pass is located on NH-1?

- A. Pensi La
- B. Zoji La
- C. Bara Lacha
- D. Imis La

3. Tawa project is a river project, located in which state of India?

- A. Tamil Nadu
- B. Andhra Pradesh
- C. Telangana
- D. Madhya Pradesh

4. Which city is largest city of Goa?

- A. Marmagaon
- B. Panaji
- C. Pondicherry
- D. Vasco da Gama

5. Delhi became a Union Territory in which year?

- A. 1955
- B. 1956
- C. 1987
- D. 1990

6. Which pillar inscriptions has recorded the achievements of Samudra Gupta, who was known as the 'Napoleon of India' for his conquests?

- A. Allahabad Pillar
- B. Sun Pillar
- C. Iron Pillar
- D. Vijaya Stambha

7. Where was the second Jain council held?

- A. Rajgriha
- B. Patliputra
- C. Vallabhi
- D. None of Above

8. Kaveripattinam was a famous port city of which south kingdom?

- A. Cholas
- B. Cheras
- C. Pandyas
- D. Chalukya

9. Which of the following is an Indian Research Station in the Antarctica Region?

- A. Mawson
- B. Maitri
- C. Orcadas
- D. Hope Bay

10. The American scientist Edwin Hubble's name is associated with which of these theories?

- A. Quantum Chromodynamics Theory
- B. The Big Bang Theory
- C. Partial Coherence of Light Theory

D. Lattice Gauge Theory

11. Which of the following schedules was added to the Constitution by the Constitution (First Amendment) Act, 1951?

- A. Eighth
- B. Ninth
- C. Tenth
- D. Seventh

12. A person rows a distance of $3\frac{3}{4}$ km

upstream in $1\frac{1}{2}$ hours and a distance of 13 km downstream in 2 hours. How much time (in hours) will the person take to row a distance of 90 km in still water?

- A. 20
- B. 18
- C. 24
- D. 15

13. A started a business with a capital of Rs. 1,12,000. After 2 months, B joined the business with a capital of ` 80,000, and after another 2 months, C joined the business with a capital of Rs.72,000. After 10 months from the start of the business, B withdrew Rs. 8,000 and C also withdrew Rs. 8,000. If B received Rs. 9,800 as his share in the profit at the end of a year, then the total profit was :

- A. Rs. 30,800
- B. Rs. 35,800
- C. Rs. 32,400
- D. Rs. 33,600

14. A invests Rs 6,00,000 more than B in a business. B invests his capital for

$7\frac{1}{2}$ months, while A invests his capital for

$2\frac{1}{2}$ more months than B.

Out of the total profit of Rs.12,40,000, if the share of B is Rs. 2,48,000 less than the share of A, then the capital of B is:

- A. Rs. 40,00,000
- B. Rs. 45,00,000
- C. Rs. 48,00,000
- D. Rs. 42,00,000

15. Pipes A and B are emptying pipes and can empty a tank in 6 hours and 16 hours, respectively. C is a filling pipe. All the three pipes were opened together. They took 80



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minutes to empty $\frac{5}{18}$ of the tank. Pipe C alone can fill the tank in:

- A. 36 hours
- B. 42 hours
- C. 48 hours
- D. 40 hours

16. Mangoes are bought at a rate of Rs 10,000 per ton. If one-third of the total mangoes are sold at a loss of 4%, then at what price (per ton) should the remaining mangoes be sold so as to gain 30% on the whole transaction?

- A. Rs 15,000
- B. Rs 13,500
- C. Rs 14,700
- D. Rs 14,600

17. The ratio of expenditure and savings of a person is 5 : 3. If the income increases by 20% and the expenditure increases by 10%, then the person's savings increase by:

- A. $30\frac{1}{3}\%$
- B. $3\frac{1}{3}\%$
- C. $13\frac{2}{3}\%$
- D. $36\frac{2}{3}\%$

18. A sum of Rs.12,000 is divided between A, B, C and D such that the ratio of shares of A and B is 8 : 9, that of B and C is 2 : 3 and that of C and D is 9 : 13. What is the difference between the shares of B and D?

- A. Rs. 2,760
- B. Rs. 2,520
- C. Rs. 2,400
- D. Rs. 1,320

19. A shopkeeper has announced 40% rebate on the price of TV sets at the time of sale. If a purchaser needs to have a rebate of 26,400, then how many TV sets each costing 6,000 should he purchase?

- A. 9
- B. 11
- C. 8
- D. 12

20. In a test consisting of 140 questions, a candidate correctly answered 70% of the first 80 questions. What percentage of the remaining questions does the candidate need to correctly answer to score 60% in the test?

A. 35%

B. $46\frac{2}{3}\%$

C. $45\frac{1}{3}\%$

D. 40%

21. Ranjeet drives his car at an average speed of 50 km/hr and reaches his destination in 8 hours. Rahman covers the same distance in 5 hours. If

Ranjeet increases his speed by 10 km/hr and Rahman increase his speed by 20 km/hr, then what will be the difference in time taken by them to reach their destination?

- A. 2 hours 30 minutes
- B. 3 hours 40 minutes
- C. 23hours 20 minutes
- D. 2 hours 40 minutes

22. What is the sum of the greatest three digit number and smallest four digit number such that their HCF is 23?

- A. 2001
- B. 2002
- C. 1984
- D. 1998

23. If r is the remainder when each of 4749, 5601 and 7092 is divided by the greatest possible number d(>1), then the value of (d + r) will be:

- A. 276
- B. 282
- C. 298
- D. 271

24. A, B and C are three points on a circle such that the angles subtended by the chord AB and AC at the centre O are 110° and 130° , respectively. Then the value of $\angle BAC$ is:

- A. 65°
- B. 75°
- C. 60°
- D. 70°

In the following question, the given sentence has four parts marked P, Q, R and S. Choose the part of sentence with the error and mark as your answer. If there is no error, mark 'No error (S)' as your answer.

25. We have issued (P)/ a order seeking immediate (Q)/ printing of revised price tag. (R)/ No error (S)



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- A. P
- B. Q
- C. R
- D. S

In the following question, the given sentence has four parts marked P, Q, R and S. Choose the part of sentence with the error and mark as your answer. If there is no error, mark 'No error (S)' as your answer.

26. Suresh have never (P)/ encouraged nor (Q)/condoned violence. (R)/ No error (S)

- A. P
- B. Q
- C. R
- D. S

Select the most appropriate word to fill in the blank.

27. This is the girl _____ is going to IIT, Delhi.

- A. which
- B. whom
- C. who
- D. that

Fill in the blank with most appropriate word which will suit the context of the sentence.

28. Sanjay found the unchanging rhythm of the musical piece to be annoyingly _____.

- A. Irreverent
- B. Recusant
- C. Monotonous
- D. Coherent

Select the most appropriate word to fill in the blank.

29. If only we _____ a light! It is depressing to wait in the dark.

- A. are having
- B. have
- C. had
- D. have had

Fill in the blank with most appropriate word which will suit the context of the sentence.

30. I don't have much energy these days. After a short stroll, I am quite _____.

- A. Relieved
- B. Eager
- C. Uplifted
- D. Exhausted

Direction: Select the most appropriate idiom (in the context) to fill in the sentence.

31. In trying to solve the crime, the detective found himself _____. Yet the mystery kept deepening.

- A. beating the bush

- B. letting his hair down
- C. making room for others
- D. beating his brains out

Direction: Select the most appropriate idiom (in the context) to fill in the sentence.

32. The residents of my colony _____ in trying to find out about the increasing number of car thefts.

- A. hit the sack
- B. pulled all the stops
- C. beat about the bush
- D. hit a purple patch

Select the most appropriate option that can be used as a one-word substitute for the given group of words.

33. A person who draws or produces maps

- A. curator
- B. calligrapher
- C. cartographer
- D. choreographer

Select the most appropriate ANTONYM of the given word.

34. FRAIL

- A. weak
- B. fancy
- C. robust
- D. elaborate

35. In the following question, select the related group of letters from the given alternatives.

JP:CW::OL:?

- A. VE
- B. HS
- C. TP
- D. AK

36. Mayank started driving from his office to the hotel. He drove 10 km towards north. From there, he turned right and drove 8 km. Then, he turned right and drove 6 km. Again, he turned right and drove 5 km and reached his hotel? What is the shortest distance from the office to his hotel?

- A. 6 km
- B. 5 km
- C. 9 km
- D. 2 km

37. **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**



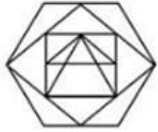
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7	9	8
97	73	64
6	7	?
55	10	48

- A. 2
- C. 4
- B. 5
- D. 3

38. How many triangles are there in the given figure?



- A. 17
- C. 20
- B. 19
- D. 23

39. Aman, Rohit, Suresh, Danish and Alok are arranged in descending order of weight from top to bottom. Aman is third from the top. Alok is between Danish and Aman while Danish is not at the top. Who is at the top?

- A. Aman
- C. Suresh
- D. Cannot be determined
- B. Rohit

40. Aman is 3 years older to Rohit and 3 years younger to Suresh, while Rohit and Danish are twins. How many years is Suresh older to Danish?

- A. 3
- C. 6
- B. 2
- D. 12



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###ANSWERS###

1. Ans. A.

• **Khardung La is the highest motorable pass in India.** The elevation for Khardung La pass is 5359mt.

• It is located in the Leh district of Ladhak Union Territory.

• It is gateway to **Shyok and Nubra Valley.**

2. Ans. B.

• **Zoji La pass is located on NH-1 between Srinagar and Leh.** Zoji La means the "mountain pass of blizzards"

• The Zozila Pass is frequently named as the entrance to Ladakh.

• It runs at an elevation of approximately 3,528 metres.

3. Ans. D.

• Tawa Reservoir is a reservoir on the Tawa River in central India.

• It is located in **Itarsi of Hoshangabad District of Madhya Pradesh.**

• The reservoir was formed by the construction of the **Tawa Dam.**

• Its construction was **started in 1958 and was completed in 1978.**

• Tawa Reservoir forms the western boundary of **Satpura National Park and Bori Wildlife Sanctuary.**

4. Ans. B.

• Panaji is the largest city as well as capital of goa state.

• Other important cities in goa are- Assago (a village in Bardez, Goa located about 4 kilometres west of Mapusa), Calangute (a town in North Goa, famous for its beach), Candolim (a census town in North Goa and is located in the Bardez taluka) etc.

5. Ans. B.

• **On November 1, 1956, Delhi was declared as Union Territory.**

• On August 15, 1947, New Delhi became the capital of a free India. With The States Reorganisation Act, 1956, coming into force on November 1 of that year, Delhi became a union territory.

• Delhi union territory has its own legislation.

6. Ans. A.

• **The Allahabad Pillar inscription** was composed by Harishena.

• This pillar inscriptions has recorded the achievements of Samudra Gupta credits him with extensive military conquests.

• It is considered "the most important historical document of the classical Gupta age".

7. Ans. C.

* **Vallabhi was the place** where the second Jain council held.

* It was held in 521 A.D under the chairmanship of Devardhi Kshmasramana.

* First Jain council was held at Pataliputra in 300BC under the chairmanship of Sthulabhadra.

8. Ans. A.

* **Kaveripattinam was a port city of Cholas.**

* It is a town in Krishnagiri district in the northern Tamil Nadu.

* The Chola dynasty was a Tamil dynasty of southern India, one of the longest-ruling dynasties in the world's history.

9. Ans. B.

• Under the environmental protocol of the Antarctic Treaty (1959), India has set up three research stations up till now.

• India presently has two research stations at Antarctica namely 'Maitri' and 'Bharati'.

• India's first research station in Antarctica was "Dakshin Gangotri" (1983) which has been decommissioned.

• In the year 1988 an ice-free, rocky area on the Schirmacher Oasis was selected to build the second research station named Maitri.

• Located beside Larsmann Hill, about 3000 km east of Maitri, Bharati was established in 2015.

10. Ans. B.

• Astronomer Edwin Hubble revolutionized the field of astrophysics. His research helped prove that the universe is expanding, and he created a classification system for galaxies that has been used for several decades.



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• Hubble's and Humason's research work also helped prove that galaxies must come from a central point of origin, and was used by some scientists to support the Big Bang Theory—one of the most popular theories on the universe's origin.

11. Ans. B.

• The **Ninth Schedule** was added to the constitution by the Constitution (First Amendment) Act, 1951.

• Articles 31A and 31B are also added and some amended articles are 15, 19, 85, 87, 174, 176, 341, 342, 372 and 376.

• It was moved by the then Prime Minister of India JAWAHARLAL NEHRU on 10 May 1951 and enacted by PARLIAMENT on 18 June 1951.

12. Ans. A.

Let speed of boat in still water = x km/hr

Speed of stream = y km/hr

Now, Speed of rowing during upstream = $(x-y)$ Km/hr

Speed of rowing during downstream = $(x+y)$ km/hr

Given that a person rows a distance of $3\frac{3}{4}$

km upstream in $1\frac{1}{2}$ hours
 Speed of rowing during upstream = $\frac{15}{\frac{4}{2}} = 2.5 \text{ km/hr}$

$\Rightarrow x - y = 2.5$(1)

Also, the same person rows a distance of 13 km downstream in 2 hours

Speed of rowing during downstream = $\frac{13}{2} = 6.5 \text{ km/hr}$

$\Rightarrow x + y = 6.5 \text{ km/hr}$(2)

Adding (1) and (2)

$\Rightarrow 2x = 9$

$\Rightarrow x = 4.5 \text{ km/hr}$

Hence speed of rowing in still water = 4.5 km/hr

Now, he has to cover a distance of 90 km.

Hence, Time required = $\frac{90}{4.5} = 20$ hr

13. Ans. D.

Profit earned \propto (Investment \times Time)

Profit earned by A \propto (1,12,000 \times 12)

Profit earned by B \propto (80,000 \times 8 + 72000 \times 2)

Profit earned by C \propto (72000 \times 6 + 64000 \times 2)

Ratio of profit of A:B:C = (1,12,000 \times 12) : (80,000 \times 8 + 72000 \times 2) : (72000 \times 6 + 64000 \times 2)
 = 84 : 49 : 35

Let profit earned by A,B and C are $84x$, $49x$ & $35x$ respectively.

If B received Rs. 9,800 as his share in the profit at the end of a year

So, $49x = 9800$

$x = 200$

Total profit = $168x = 168 \times 200 = 33600$

14. Ans. C.

It is given that A invests Rs. 6,00,000 more than B in a business.

Let capital of B = x

Then capital of A = $x + 6\text{Lakh} = x + 6L$

Time Period of A = $7\frac{1}{2} + 2\frac{1}{2} = 10 \text{ months}$

Time period of B = $7\frac{1}{2} = \frac{15}{2} \text{ months}$

Investment of A = $(x + 6L) \times 10$

And investment of B = $x \times \frac{15}{2}$
 Ratio of investment =

$(x + 6L) \times 10 : x \times \frac{15}{2} = 4x + 24L : 3x$

Same is the ratio of profit .

$\frac{4x + 24L + 3x}{4x + 24L - 3x} = \frac{1240000}{248000}$

$\Rightarrow \frac{7x + 24L}{x + 24L} = 5$

$2x = 96L$

$\Rightarrow x = 48 \text{ lakh}$

15. Ans. C.



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If pipe A, B and C are opened together , they took 80 minutes to empty $\frac{5}{18}$ of the tank.

We know that 80 minutes = $1\frac{1}{3} \text{ hrs} = \frac{4}{3} \text{ hrs}$

So tank emptied by pipe A and B in $\frac{4}{3} \text{ hrs} = -\frac{4}{3} \left[\frac{1}{16} + \frac{1}{16} \right] = -\frac{4}{3} \left[\frac{8+3}{48} \right] = \frac{-11}{36}$ of the tank

Here negative sign only shows that tank is emptied by Pipe A and B.

Tank emptied by pipe A, B and C in $\frac{4}{3} \text{ hrs} = -\frac{5}{18} = \frac{-10}{36}$ of the tank.

Tank filled by pipe C in 80 minutes = $-\frac{10}{36} - \left(-\frac{11}{36} \right) = \frac{1}{36}$ of the tank

Tank filled by pipe C in 60 minutes = $\frac{1 \times 60}{36 \times 80} = \frac{1}{48}$ of the tank

Hence Pipe C alone can fill the tank in 48 hours.

16. Ans. C.

Let us suppose they bought 3 ton mangoes for Rs 30,000

Cost of one ton mangoes = Rs 10000

If $\frac{1}{3}$ rd of the total mangoes are sold at a loss of 4%.

$\frac{1}{3} \times 30000 = 10000$ sold at a loss of 4%.

Loss = Rs 400 ;

Selling price of one ton mangoes = 10000 - 400 = Rs 9600

Cost of remaining mangoes (2 Ton) = Rs 20000

To gain 30% on whole transaction

Selling price = $30000 + \frac{30}{100} \times 30000 = \text{Rs } 39000$

9600 + x = 39000

x = Rs 29400 for 2 ton

Therefore, cost of one ton mangoes = $\frac{29400}{2} = 14700 \text{ Rs}$

17. Ans. D.

Ratio = Expenditure : Savings = 5 : 3

Let expenditure = 500 and saving = 300

Income = 500 + 300 = Rs 800

If income is increased by 20%

So new income =

$800 + \frac{20}{100} \times 800 = \text{Rs } 960$

and expenditure increased by 10% = $500 + 50 = 550$

saving = 960 - 550 = 410

percentage increase in saving = $\frac{410-300}{300} \times 100 = \frac{110}{300} \times 100 = 36\frac{2}{3}\%$

18. Ans. B.

Total amount = Rs 12000

Share of A : B = 8 : 9

Share of B : C = 2 : 3

Share of C : D = 9 : 13

$\frac{A}{B} = \frac{8}{9}; \frac{B}{C} = \frac{2}{3}; \frac{C}{D} = \frac{9}{13}$

A : B : C : D

16 : 18 : 27 : 39

Total share = 16 + 18 + 27 + 39 = 100 units

Share = Rs 12000

Hence 1 unit = $\frac{12000}{100} = 120 \text{ Rs}$

Difference between shares of B and D = 39 - 18 = 21

Hence 21 units = 21 × 120 = Rs 2520

19. Ans. B.

If the cost of each tv set = Rs 6000

Then after 40% rebate on each TV =

$\frac{40}{100} \times 6000 = \text{Rs } 2400$

Total amount to rebate = Rs 26,400

So number of Tv sets = $\frac{26400}{2400} = 11$

20. Ans. B.

Total number of questions = 140

Out of first 80 question correctly answered

question = $\frac{70}{100} \times 80 = 56$

60% of the test = $\frac{60}{100} \times 140 = 84$

84 questions must be correct .

Now 56 questions are already correct .

84 - 56 = 28 questions should be correct.



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⇒ 28 questions out of last 60 left questions must be correct

Percentage =

$$\frac{28}{60} \times 100 = 46.66 = 46\frac{2}{3}\%$$

21. Ans. D.

Average speed of Ranjeet = 50 km/hr

Time taken = 8 hrs

Distance = $50 \times 8 = 400$ km

Rahman covers the same distance in 5 hours.

$$\text{Speed of Rahman} = \frac{400}{5} = 80 \text{ km/hr}$$

If Ranjeet increases his speed by 10 km/hr

New speed = $50 + 10 = 60$ km/hr

Rahman increase his speed by 20 km/hr = $80 + 20 = 100$ km/hr

$$\text{Time taken by Ranjeet} = \frac{400}{60} = \frac{20}{3} \text{ hrs}$$

$$\text{Time taken by Rahman} = \frac{400}{100} = 4 \text{ hrs}$$

Difference =

$$\frac{20}{3} - 4 = \frac{8}{3} \times 60 = 160 \text{ min} = 2 \text{ hrs } 40 \text{ min}$$

22. Ans. A.

We need to find the greatest and the smallest numbers that are divisible by 23.

Greatest three-digit number = 999

Remainder left when greatest number divisible by 23 = $\frac{999}{23} = 10$

Greatest three-digit number divisible by 23 = $999 - 10 = 989$

Smallest four-digit number = 1000

Remainder left when smallest number divisible by 23 = $\frac{1000}{23} = 11$

smallest number divisible by 23 = $1000 + (23 - 11) = 1012$

sum = $989 + 1012 = 2001$

23. Ans. A.

Greatest possible number = HCF

When numbers 4749, 5601 are subtracted = 852

When 5601 and 7092 are subtracted = 1491

Again difference of 1491 and 852 = 639

But 639 does not divide 852 and 1491 so ,

Reducing the number = 213

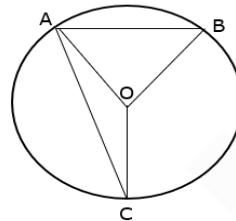
It divides both 852 and 1491 so we have 213 as the HCF of 4749, 5601 and 7092 .

⇒ d = 213

Remainder left when 213 divides 4749, 5601 and 7092 = 63

So d + r = $213 + 63 = 276$

24. Ans. C.



$\angle AOB = 110^\circ$ and $\angle AOC = 130^\circ$

In $\triangle OAB$

$\angle AOB + \angle OBA + \angle BAO = 180^\circ$

$2\angle OAB = 180^\circ - 110^\circ$

$\angle OAB = 35^\circ$

Now in $\triangle OAC$

$\angle OAC + \angle ACO + \angle COA = 180^\circ$

$2\angle OAC = 180^\circ - 160^\circ$

$\angle OAC = 25^\circ$

Hence $\angle BAC = \angle OAB + \angle OAC = 25^\circ + 25^\circ = 60^\circ$

25. Ans. B.

The article 'an' should be used before singular, countable nouns which begin with vowel sounds. In the given sentence, 'order' is preceded by 'a' which is erroneous.

Hence, option B is the correct answer.

26. Ans. A.

Neither is used in the negative sense, when you're presenting things that aren't true or valid. Neither...nor gives a negative meaning to verbs.

Hence, 'never' should be replaced with 'neither' to form a grammatically correct sentence.

Therefore, option A is the correct answer.

27. Ans. C.

The correct preposition for this sentence is "who" because it is used to introduce a clause giving further information about a person or people previously mentioned. That is why C is the right answer.



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28. Ans. C.

'Unchanging' rhythm tends to be boring. 'Monotonous' meaning 'dull, tedious, and repetitious; lacking in variety and interest' is the apt fit for the blank.

Hence, option C is the correct answer.

29. Ans. C.

When talking about something that didn't happen in the past, "had" is used with "if". Therefore C is the correct answer.

30. Ans. D.

The sentence implies that the subject gets tired after a short troll. Hence, option D i.e. 'exhausted' is the apt fit for the blank.

31. Ans. D.

Beat one's brains out is the most appropriate idiom to be substituted in place of the blank as it means to put forth maximum effort.

Let one's hair down means to behave freely.

Make room for others means to let someone or something to fit in.

Hence, option D is the correct answer.

32. Ans. B.

Pulled all the stops is the correct answer. It means use all the resources at one's disposal.

Hit the sack means go to bed.

Hit a purple patch means very successful.

Hence, option B is the correct answer.

33. Ans. C.

Let's learn the meaning of these words:

Curator: a keeper or custodian of a museum or other collection

Calligrapher: a professional copyist or engrosser

Cartographer: a person who draws or produces maps

Choreographer: someone who invents the movements for a ballet or other dance and tells the dancers how to perform them

Hence option C is correct.

34. Ans. C.

Let us learn the meanings of following words.

Frail: (of a person) weak and delicate.

Weak: lacking the power to perform physically demanding tasks; having little physical strength or energy.

Fancy: elaborate in structure or decoration.

Robust: strong and healthy; vigorous.

Elaborate: involving many carefully arranged parts or details; detailed and complicated in design and planning.

The meaning of the word "robust" means the opposite of "frail". Therefore C is the correct answer.

35. Ans. B.

JP=> When 'J' is 7 letters skipped backwards then comes C. When 'P' is 7 letters skipped forward, then W comes.

JP=>CW

Similarly,

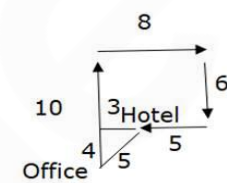
OL=> When 'O' is 7 letters skipped backwards then comes H. When 'L' is 7 letters skipped forward, then comes S.

So, OL=> HS

Hence, option B is the correct response.

36. Ans. B.

Given text can be shown as-



Required distance = $\sqrt{4^2 + 3^2} = 5\text{km}$

Hence, option B is the correct answer.

37. Ans. A.

Column 1:

$$97 - 7 * 6 = 97 - 42 = 55$$

Column 2:

$$73 - 9 * 7 = 73 - 63 = 10$$

Column 3:

$$64 - 8 * ? = 48$$

Solve it,

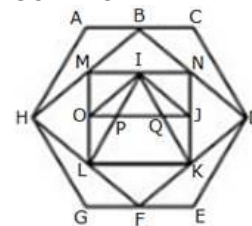
$$64 - 48 = 8 * ?$$

$$\text{Or, } 16 = 8 * ?$$

$$\text{Or, } ? = 16 / 8 = 2$$

Hence, option A is the correct answer.

38. Ans. D.



The triangles are:



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AHB, BDC, DEF, HGF
HLM, BMN, DNK, FLK
MOI, INJ
IOJ, IOP, IQJ, IPQ, IOQ, IPJ
ILK, MIL, NKI
OPL, JQK, IJK, IOL.

Thus there are 23 triangles.

Hence, option D is the correct answer.

39. Ans. D.

Aman is third from the top.

» Aman »

Alok is between Danish and Aman while Danish is not at the top.

Rohit, Suresh » Aman > Alok > Danish

Thus we cannot determine who is at the top.

hence, option D is correct.

40. Ans. C.

As,

Suresh > (3 years) Aman > (3 years) Rohit
= Danish

Thus Suresh is 6 years older to Danish.

Hence, option C is the correct response.

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