# (12) Common General Test

## Structure of the Question Paper

**Time** : **02 hours**

The question paper consists of **50** Multiple Choice Questions with **5** options. **All** questions should be answered.

Answers should be provided on the MCQ answer sheet following the given instructions.

The content of the question paper is as follows :

| Content/ Question Type | Number of Questions |
|---|---|
| • General Awareness  (Current Affairs) | 10 |
| • Reasoning  Skills (Numerical, Spatial etc.) | 10 |
| • Problem Solving Skills (Quantitative Reasoning) | 15 |
| • Comprehension and Communication Skills | 15 |
| **Total** | **50** |

Calculation of the final mark    :    Number of correct answers  × 2

Total marks                              :    50 × 2  = 100 marks

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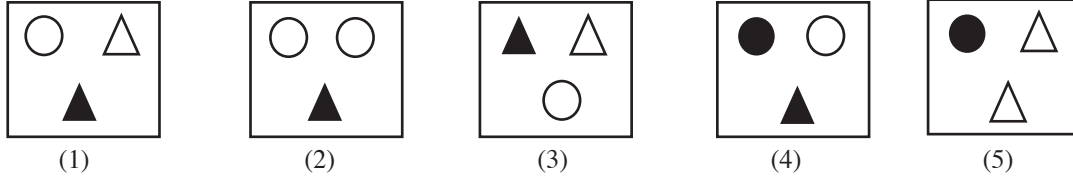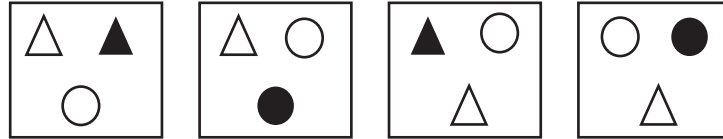
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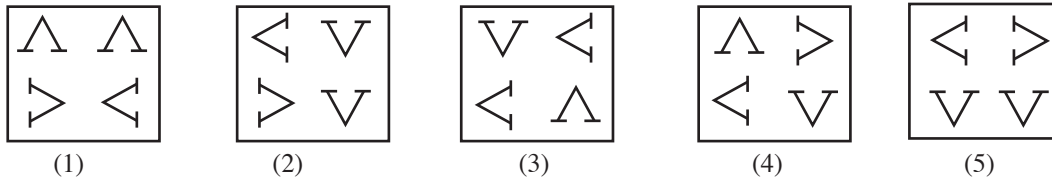
1.  The Independence Day of Sri Lanka is observed annually on 4th February. In which year was the 70th Independence Day celebrated?
    (1)   2015          (2)   2016          (3)   2017          (4)   2018          (5)   2019

2.  In which category of sports did Lucion Pushparaj become the first ever Sri Lankan to win the world championship in December 2018?
    (1)   Bodybuilding            (2)   Weightlifting            (3)   Wrestling
    (4)   Judo                    (5)   Karate

3.  Which of the following became the new tourism slogan of Sri Lanka from November 2018?
    (1)   'Wonder of Asia'        (2)   'So Sri Lanka'          (3)   'Incredible Sri Lanka'
    (4)   'Beautiful Sri Lanka'   (5)   'Paradise in Asia'

4.  The 'Uttara Devi' train with the newly imported locomotive power set commenced its maiden journey in January 2019. It operates between the railway stations,
    (1)   Fort and Kankesanthurai.                    (2)   Fort and Jaffna.
    (3)   Fort and Kokuvil.                           (4)   Mount Lavinia and  Kankesanthurai.
    (5)   Mount Lavinia and  Jaffna.

5.  What is the new town which was constructed on behalf of the people who lost their properties to the Moragahakanda - Kaluganga reservoir project and declared open in January 2019?
    (1)   Pallegama New Town.                         (2)   Laggala New Town.
    (3)   Kothmale New  Town.                         (4)   Ratnapura New Town.
    (5)   Galnewa New Town.

6.  It was reported in January 2019 that the Suwaseriya, a free emergency ambulance service available in Sri Lanka, has so far served over 800 000 people. The toll free telephone number to call Suwaseriya is
    (1)   1900.         (2)   1960.         (3)   1980.         (4)   1990.         (5)   1991.

7.  Of which country was the Lunar exploration mission successful in landing the first human - made object on the far side of the moon on 3rd January 2019?
    (1)   Russia.       (2)   USA.          (3)   China.        (4)   India.        (5)   UK.

8.  The day which was proclaimed as the International Day of Education by a resolution adopted by the United Nations General Assembly in December 2018 is,
    (1)   19th January          (2)   20th January          (3)   24th January
    (4)   25th January          (5)   26th January

9.  By the researchers of which country has a Virtual Reality (VR) software 3D model of cancer been built recently?
    (1)   UK.                   (2)   Russia.               (3)   USA.
    (4)   France.               (5)   Germany.

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**10.** What is the lifetime award presented to authors at the State Literary Awards Ceremony in Sri Lanka for their invaluable service towards the advancement of literature in Sinhala, Tamil or English Languages?
 (1) Sahithya Rathna     (2) Swarna Pusthaka     (3) Sahithya Sammana
 (4) Gratiaen Award     (5) Saraswati Sammana

**11.** For any two numbers $x$ and $y$, the operations $\oplus$ and $\ominus$ are defined as follows :
 $x \oplus y = 2x-3y$ and $x \ominus y = 3x+2y$
 What is the value of $1 \oplus ((-2) \ominus 3)$?
 (1) $-2$     (2) 0     (3) 2     (4) 3     (5) 6

**12.** Kanchana's father was 35 years of age when she was born. Kanchana's mother was 30 years old when her sister, four years younger to her, was born. What is the age difference of her parents?
 (1) 1 year     (2) 3 years     (3) 5 years     (4) 6 years     (5) 9 years

**13.** If Rs. 4500 is deposited in a savings account at 4.5% per annum of simple interest, how much time will it take to yield Rs. 810 as interest?
 (1) 3.5 years     (2) 4 years     (3) 4.5 years     (4) 5 years     (5) 6 years

**14.** In a certain primary school, 25% of students are below 9 years of age and the number of students above 9 years of age is equal to $\frac{2}{5}$ of the number of students of 9 years. If the number of students of age 9 years is 45, what is the total number of students in the school?
 (1) 84     (2) 88     (3) 100     (4) 120     (5) 121

**15.** In a Cricket team of 11 players, the captain is 27 years old and the vice captain is 3 years younger to him. The average age of other 9 players is one year less than the average age of the whole team. What is the average age of the team?
 (1) 20     (2) 21     (3) 22     (4) 23     (5) 24

**16.** Kamal travelled from a city to another in 6 hours. He travelled first half of the distance at the rate of 24 kilometres per hour and second half at the rate of 30 kilometres per hour. Find the total distance of the journey in kilometres.
 (1) 120     (2) 140     (3) 160     (4) 200     (5) 220

**17.** In a certain school, the G.C.E. Advanced Level students in the streams of Bio Science, Physical Science and Commerce are in the ratio of 5:7:8. The school plans to increase the number of students in the above streams by 40%, 50% and 75% respectively next year. What will be the new ratio of increased numbers?
 (1) 2:3:4     (2) 2:3:5     (3) 2:3:6     (4) 3:4:5     (5) 6:7:8

**18.** There is a routine job that the carpenter $A$ needs 6 days to complete and the carpenter $B$ needs 8 days if they work alone separately. They undertake to do it together for a sum of Rs. 32 000 with the help of carpenter $C$ and complete the work in 3 days. How much would $C$ get paid for his contribution of work?
 (1) Rs. 3000     (2) Rs. 3500     (3) Rs. 4000     (4) Rs. 6000     (5) Rs. 8000

**19.** The four diagrams are in a logical sequence. Choose the next diagram accordingly.
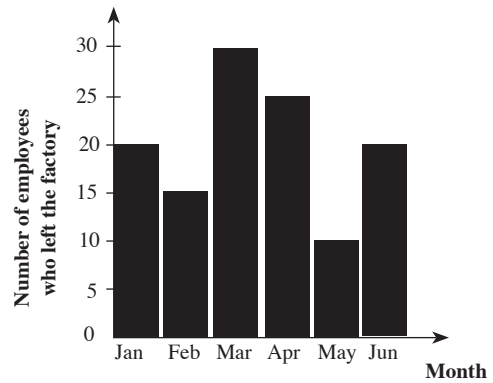


|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| (1)   | (2)   | (3)   | (4)   | (5)   |

**20.** Choose the figure which has a **different** feature from the rest.



|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| (1)   | (2)   | (3)   | (4)   | (5)   |

- For questions **21** and **22**, refer the following graph which shows the number of employees who left a certain factory in each month within a period of six months.

**21.** Between which two months has the tendency of leaving the factory been maximum?
  - (1) January to February
  - (2) February to March
  - (3) March to April
  - (4) April to May
  - (5) May to June



**22.** If the factory recruited employees within this period, that was only at the end of May. After this recruitment, it had the same number of employees as in the beginning of January. Which of the following **could never be** the number of newly recruited employees remaining at the end of June.

(1) 95      (2) 90      (3) 85      (4) 80      (5) 75

- Questions **23** and **24** are based on the following description.

  Amal, Bhavan, Casim, David and Emil are five friends of different ages and different heights. David is the eldest among them and he is taller than Amal and Bhavan. Amal and Emil are younger than Bhavan, and Emil is taller than Amal. Further, exactly two are shorter than Casim and also exactly two are elder than him.

**23.** Who is the second eldest?
  (1) Amal      (2) Bhavan      (3) Casim      (4) David      (5) Emil

**24.** If the shortest is the youngest, who is the second youngest?
  (1) Amal      (2) Bhavan      (3) Casim      (4) David      (5) Emil

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**25.** Which one of the following pairs of observation and conclusion could become **invalid** once the observation and the conclusion are interchanged?

|     | Observation | Conclusion |
|-----|-------------|------------|
| (1) | X is an even number. | X+1 is an odd number. |
| (2) | X is measured in metres. | X+1 is measured in metres. |
| (3) | X is greater than Y. | X+1 is greater than Y. |
| (4) | X is a Wednesday. | X+1 is a Thursday. |
| (5) | X is equal to zero. | X+1 is equal to one. |

**26.** Which one of the following pairs of observation and conclusion **does not need** to be necessarily true?

|     | Observation | Conclusion |
|-----|-------------|------------|
| (1) | Side length of a square is 1cm. | Area of the square is $1cm^2$ |
| (2) | A circle is bigger than a square and the square is bigger than a triangle. | The circle is bigger than the triangle. |
| (3) | Volume of a cube is $1cm^3$. | Side length of the cube is 1 cm. |
| (4) | Two sides of a right angled triangle are of lengths 3 cm and 4 cm. | The other side of the triangle is of length 5 cm. |
| (5) | A square inscribes a circle of radius 1 cm. | The area of the square is not less than $4\,cm^2$. |

- Questions **27** and **28** are based on the following.
  Three persons are in a conversation on how many books some other person has actually read.
  1st person : He has read at least 50 books.
  2nd person : Well, he has read more than 100.
  3rd person : But I'm sure he hasn't read 200 books.

**27.** If the above conversation is about Anu, the number of truth-speakers will decrease, when he reads one more book. How many books has he read so far?
  (1) 49        (2) 50        (3) 100        (4) 199        (5) 200

**28.** If the above conversation is about Manu, he must read either no more books or at least 100 more books in order to have the number of truth-speakers unchanged. How many books has he read so far?
  (1) 0        (2) 50        (3) 100        (4) 150        (5) 200

**29.** Select the conceptually most different sequence.
  (1) Sunday $\rightarrow$ Monday $\rightarrow$ Tuesday $\rightarrow$ Wednesday
  (2) $360° \rightarrow 270° \rightarrow 180° \rightarrow 90°$
  (3) North $\rightarrow$ West $\rightarrow$ South $\rightarrow$ East
  (4) Spring $\rightarrow$ Summer $\rightarrow$ Fall $\rightarrow$ Winter
  (5) New moon $\rightarrow$ First quarter $\rightarrow$ Full moon $\rightarrow$ Second quarter

**30.** A guerilla group deciphered the message GPMMPX as FOLLOW. How would they cipher the word ATTACK?
  (1) BDDBUL        (2) BUUBDL        (3) FDJKTR        (4) LDDLBU        (5) UDBILB

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**31.** No two birds in a particular flock have the same number of feathers and no bird has 200 feathers. Further, there are more birds in the flock than there are feathers of any one bird. Which of the following **cannot** be the number of birds in the flock?

(1) 49          (2) 99          (3) 149          (4) 199          (5) 249

•    For questions **32** and **33**, consider the following conversation in which an illegal weapon maker is interrogated.

1st question : How long do you spend on making one weapon?

1st answer   : Minimum three months, and no other weapons are made during this period.

2nd question : What was the very first weapon you made?

2nd answer  : A shield. It can resist any sword.

3rd question : When did you start making it?

3rd answer  : Seven months ago.

4th question : Did you keep making weapons since then?

4th answer  : Not continuously, I got sick and didn't work for one month.

5th question : Then how about this sword?

5th answer  : I started it four months ago, finished by last week. It was much hard work and took more time than usual.

6th question : Why was that?

6th answer  : I made it so sharp that it can pierce anything.

**32.** What is the **maximum** number of possibly true answers?

(1) 1          (2) 2          (3) 3          (4) 4          (5) 5

**33.** If the first three answers are true, then how many answers are necessarily **false**?

(1) 0          (2) 1          (3) 2          (4) 3          (5) 4

**34.** Which one of the following observations, if true, will most seriously **weaken** the credibility of the given statement?

Statement: Rainfall increases the spread of Fall army worms in dry zones.

(1) Worms are not found in rainforests.

(2) More Fall army worms are found in Nuwara Eliya than in Jaffna

(3) There were no Fall army worms in Nuwara Eliya after the rainy season.

(4) Jaffna had less Fall army worms than Nuwara Eliya after the rainy season.

(5) No Fall army worms were seen in Jaffna after the rainy season.

**35.** $A, B, C$ and $D$ in order are four consecutive gates of an expressway. The distance between any two adjacent gates is 25 km. Which vehicle has definitely exceeded the maximum speed limit of $100 \text{ km h}^{-1}$ ?

| Vehicle | Entry gate and time | | Exit gate and time | |
|---------|------|----------|------|----------|
| (1) | $A$ | 9.00 AM | $C$ | 9.30 AM |
| (2) | $A$ | 9.00 AM | $D$ | 10.00 AM |
| (3) | $A$ | 9.30 AM | $D$ | 10.10 AM |
| (4) | $A$ | 9.40 AM | $B$ | 9.55 AM |
| (5) | $B$ | 9.15 AM | $C$ | 9.35 AM |

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**36.** If BACKED is coded as 7 4 1 2 8 6 and HABIT as 9 4 7 3 5, then how would DETACHED be coded accordingly?

(1)  6 8 3 5 1 9 8 6   (2)  6 8 4 5 1 9 8 6   (3)  6 8 4 5 9 1 8 6

(4)  6 8 5 3 1 9 8 6   (5)  6 8 5 4 1 9 8 6

• Questions **37** and **38** are on the following bar chart that shows the number of One Day International matches won and lost by the Sri Lankan Cricket team during the period 2012 - 2018.



**37.** The two **best** consecutive years of performance by Sri Lanka in One Day Internationals were
(1) 2012 and 2013.   (2) 2013 and 2014.
(3) 2014 and 2015.   (4) 2015 and 2016.
(5) 2016 and 2017.

**38.** The two **worst** consecutive years of performance by Sri Lanka in One Day Internationals were
(1) 2013 and 2014.   (2) 2014 and 2015.
(3) 2015 and 2016.   (4) 2016 and 2017.
(5) 2017 and 2018.

• In questions **39, 40** and **41**, a conclusion and an information set of three statements numbered I, II and III are given.
  ∗ If the conclusion can be made by using only one statement, select *A*.
  ∗ If the conclusion can be made by using I and II together, select *B*.
  ∗ If the conclusion can be made by using I and III together, select *C*.
  ∗ If the conclusion can be made by using  II and III together, select *D*.
  ∗ If the conclusion can be made by using I, II and III together, select *E*.

**39.** Conclusion : Fall army worm destroys maize, cane sugar, paddy, vegetables and several other crops.
   I.  Fall army worm was first found in Nigeria.
   II.  Fall army worm eats leaves of several crops.
   III. Fall army worm is found in maize cob.

(1)  *A*      (2)  *B*      (3)  *C*      (4)  *D*      (5)  *E*

**40.** Conclusion : Physical fitness of the school children should be checked before they participate in any marathon event.
   I.   Children love to play games.
   II.  A school child collapsed when participating in a marathon race at his school.
   III. During the interval of the school sports meet programme, children displayed a colourful drill.

(1)  *A*      (2)  *B*      (3)  *C*      (4)  *D*      (5)  *E*

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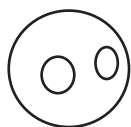
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**41.** Conclusion : Every year around thirty thousand students enter state universities in Sri Lanka.

        I.   Little over three hundred thousand of candidates sit the G.C.E.(A.L.) Examination.

        II.  Higher percentage of candidates sit for Arts Stream at the G.C.E.(A.L.) Examination.

        III. Nearly 10% of the candidates who sit the G.C.E.(A.L.) Examination obtain admissions to state universities in Sri Lanka.

(1) *A*        (2) *B*        (3) *C*        (4) *D*        (5) *E*

**42.** Which diagram **does not** contradict the relationship between Teachers, Males and Females?

      (1)         (2)         (3)         (4)         (5)

- Questions **43**, **44** are based on the following paragraph.

  Dengue is a deadly disease. It is caused by a virus transmitted by mosquitoes. Dengue symptoms start with the fever which continues for 3 - 4 days. The affected person loses appetite and feels muscular pain all over the body. Those who have continuous fever are advised to get admitted to hospitals. Patients are requested to drink plenty of water, a minimum of 100 ml per hour. Affected children are provided with intravenous saline according to the need. Patients are advised to take complete rest at least for 02 weeks.

**43.** What does the passage given above about dengue fever tell us as a whole?

  (1)   Instructions for dengue patients         (2)   Treatments for dengue patients

  (3)   How the dengue disease is transmitted.    (4)   Making aware about the dengue fever.

  (5)   Identifying the symptoms of dengue fever.

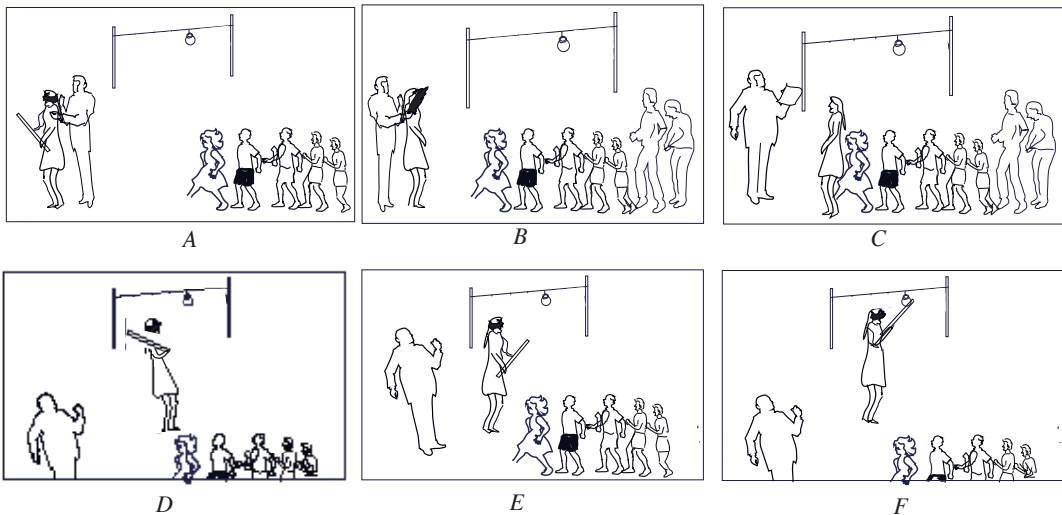**44.** Which of the following dengue fever symptoms is **not** explicitly described in the paragraph?

  (1)   Severe headache               (2)   Fever

  (3)   Food aversion                 (4)   Dehydration

  (5)   Muscular pain

- In each of the questions **45** and **46**, five short passages, each with three statements, are given. In only one of the passages the three statements can be rearranged in order to show a logical relationship. Select the passage which contains the statements that can be rearranged to show a logical relationship.

**45.** (1)   School sports meets are held at the end of the first term of the school. Mary won the first place in a long jump event. Zonal Director gave away the prizes to the winners.

    (2)   Mary set the alarm clock for 4 a.m. Mary got up at 5 a.m. Alarm was ringing.

    (3)   School awareness programme about narcotics and alcohol throughout the country was declared for a week starting from 21st of January 2019. Narcotics are exported from Sri Lanka to other countries. President Maithripala Sirisena inaugurated the school awareness programme at Mulliyawalai Vidyanantha College on 21st January 2019.

    (4)   Over three hundred thousand of children enter the Grade 1 classes in government and private schools in Sri Lanka every year. Generally all these children face grade 5 scholarship examination. Grade 5 scholarship examination is highly competitive.

    (5)   Children excelled in Grade 5 scholarship examination select the schools they prefer according to the school cut-off marks. Children excelled in Grade 5 scholarship examination do not necessarily excel in all future examinations unless they study well. University entrance is very competitive.

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**46.** (1) Coconut palm is found in all the districts of Sri Lanka. Coconut is used to extract oil. Coconut used in making curries gives nutrition and flavour.

(2) Palmyrah palms are found commonly in northern and eastern provinces of Sri Lanka. Palmyrah is also found in other districts outside northern and eastern provinces. Palmyrah is not used to extract oil.

(3) Kitul palm is found commonly in central province of Sri Lanka. Kitul palm is not found in dry zone of Sri Lanka. Kitul is not used to extract oil.

(4) Inflorescences of coconut, palmyrah and kitul are tapped for sweet sap. Inflorescence sap contains 10 – 16% sugar. Inflorescence sap also contains minerals, amino acids, vitamins and water.

(5) Sweet sap is obtained by tapping inflorences of Coconut, Palmyrah and Kitul. Treacle is made by heating sweet sap up to a certain temperature. Treacle is used to make delicious and nutritious sweets.

**47.** Six pictures depicting 'Breaking the Pot Blindfolded' at a New Year festival are drawn below.



*A*  *B*  *C*

*D*  *E*  *F*

Which of the following arranges the pictures in the correct sequence?

(1)  *BCEADF*  (2)  *CBADEF*  (3)  *CBAEDF*
(4)  C*BEADF*  (5)  *CBEDAF*

- Questions **48, 49** and **50** are based on the following information.
  The following are parts of a conversation that took place between a house - owner and two carpenters at two occassions, which are not in the correct sequence.

*A* : Good morning sir. I am David. Can I come in sir?

*B* : Yes, please David. Please listen to me carefully and give your opinion.
How early can you give me your rates and attend to work David?

*C* : I have a few carpentry work to be attended. Peter, will you be able to visit my home and give your suggestions and an estimate?

*D* : Is it very urgent, sir? I am engaged with a contract of supplying a few items to the schools. Shall I finish that in a month and come to you sir; or shall I send my assistant who is good at work and whose rates are very reasonable?

*E* : I can attend to your work in a weeks time. Here is the breakdown of costs of items and labour separately, sir.

*F* : I agree with your rates. Please start the work as soon as possible.

*G* : I am Nimal speaking from Dehiwala. Is that Peter speaking?

*H* : Yes sir, what can I do for you sir?

*I* : If you don't mind, please send your assistant as it is somewhat urgent.

*J* : Is that so? I will send my man David to you tomorrow morning sir.

*K* : That will be very fine Peter.

*L* : Thank you sir, I will inform Peter as well.

48. Which parts of the above conversation took place between Nimal and Peter?
    - (1) *ABCDEFK*
    - (2) *ABCDGHK*
    - (3) *ABCDIJK*
    - (4) *CDFGHKL*
    - (5) *CDGHIJK*

49. Which parts of the above conversation took place between Nimal and David?
    - (1) *ABCDJ*
    - (2) *ABCDL*
    - (3) *ABEFJ*
    - (4) *ABEFK*
    - (5) *ABEFL*

50. Which is the correct sequence of the conversation?
    - (1) *ABEFCDGHIJKL*
    - (2) *ABEFGHCDIJKL*
    - (3) *GHCDABIJKEFL*
    - (4) *GHCDIJKABEFL*
    - (5) *GHCDIJEFLKAB*

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