

UPSC Civil Services Examination

UPSC Prelims – CSAT

CSAT Sample Paper-I

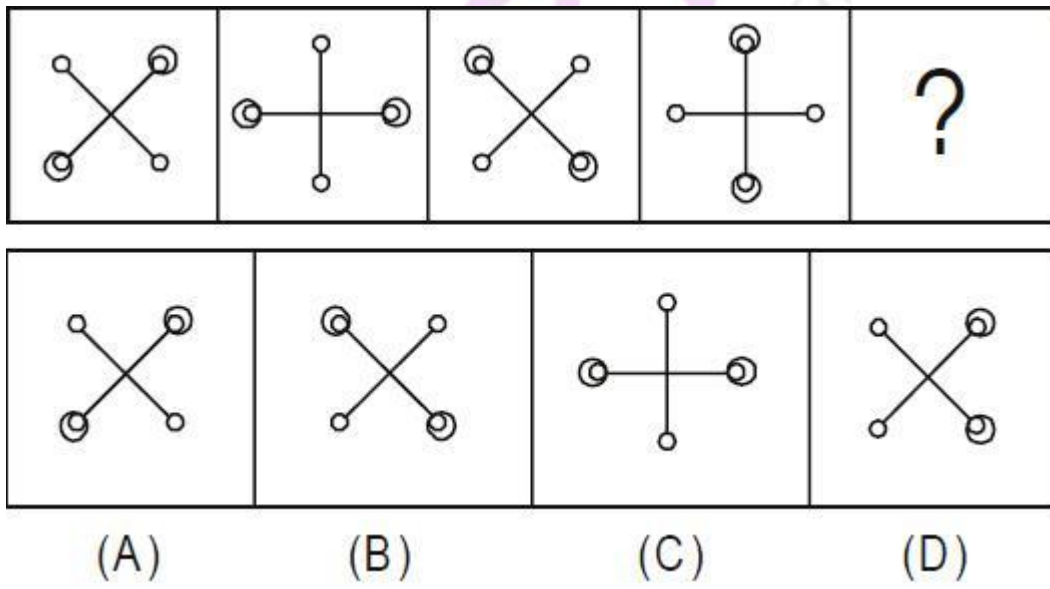
Q1. Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?

- a. 5 min
- b. 10 min
- c. 4 min
- d. 9 min

Q2. A man wants to reach a window which is 40 feet above the ground. The distance from the foot of the ladder to the wall is 9 feet. How long should the ladder be?

- a. 81 feet
- b. 40 feet
- c. 41 feet
- d. 54 feet

Q3. Which figure will replace the question mark?

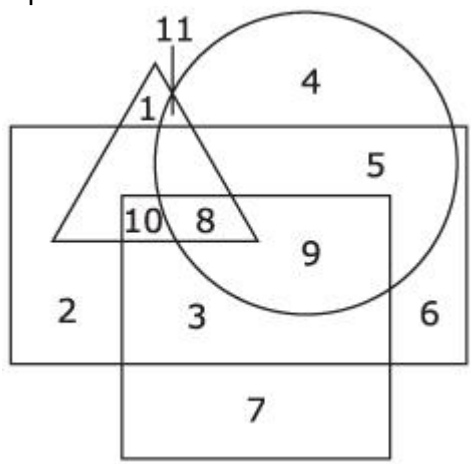


- a) A
- b) B
- c) C
- d) D

Q4. A, B, C, D, E, F and G are members of a family consisting of four adults and three children, two of whom, F and G are girls. A and D are brothers and A is a doctor. E is an engineer married to one of the brothers and has two children. B is married to D and G is their child. Who is C?

- E's daughter
- G's brother
- F's father
- A's son

Answer the questions no. 5 to no. 9 based on the based on the figure given below in which Rectangle represents Males, Circle represents the urbans, Square represents the educated and (4) Triangle represents the civil servants.



Q5. The number indicating the uneducated urban males is

- 5
- 4
- 1
- 9

Q6. The number indicating the educated urban males who are not civil servants is

- 7
- 8
- 9
- 10

Q7. The number indicating the educated civil servants who are males but not urban is

- 7
- 10
- 8
- 4

Q8. The number indicating the educated males who are urban civil servants is

- 5
- 4
- 11
- 8

Q9. The number indicating the uneducated females who are urban civil servants is

- a. 11
- b. 5
- c. 9
- d. 7

Q10. Roy and Kavi are working on an assignment. Roy takes 6 hours to type 32 pages on a computer, while Kavi takes 5 hours to type 40 pages. How much time will they take, working together on two different computers to type an assignment of 110 pages?

- a. 8 hours 15 minutes
- b. 10 hours
- c. 7 hours 50 minutes
- d. 6 hours 40 minutes

Q11. A man can cover a distance in 1hr 24min by covering $\frac{2}{3}$ of the distance at 4 km/h and the rest at 5km/h. What is total distance to be covered?

- a. 4 km
- b. 6 km
- c. 10 km
- d. 8 km

Study the paragraph and answer the questions (questions 12 to 15) that follow:-

The most important reason for this state of affairs, perhaps, is that India was the only country in the world to truly recognise the achievements of the Soviet Union-rather than merely focus on the debilitating faults that Communism brought to its people. The people of India realised that the achievement of one hundred per cent literacy in a country much, much larger than its own and with similarly complicated ethnic and religious groupings, the rapid industrialization of a nation that was a primarily agrarian society when the Bolshevik revolution took place in 1917, the attendant revolutionary steps in science and technology, the accessibility of health care (primeval according to Western standards, perhaps, but not according to Indian ones) to the general population, and despite prohibition of the government of the time the vast outpourings in literature, music, art, etc. are momentous and remarkable feats in any country. In contrast, all that the West focused on were the massive human rights violations by the Soviet State on its people, the deliberate uprooting and mass migrations of ethnic peoples from one part of the country to another in the name of industrialization, the end of religion. In short, all the tools of information were employed to condemn the ideology of Communism, so much at variance with capitalist thinking. The difference with the Indian perception, I think here is, that while the Indians reacted as negatively to what the Soviet governments did to its people in the name of good governance (witness the imprisonment of Boris Pasternak and the formation of an international committee to put pressure for his release with Jawaharlal Nehru at its head), they took the pain not to condemn the people of that broad country in black and white terms; they understood that mingled in the shades of grey were grains of uniqueness (The Russians have never failed that characteristic in themselves; they have twice experimented with completely different ideologies, Communism and Capitalism both in the space of a century).

Q12. Which of the following statements according to the passage is correct?

- a. India took heed of the weak faults of Russian policies and systems.
- b. The process of industrialisation had already started when the Russian Revolution took place in 1917.

- c. India seriously commended the achievements of Russia, i.e., hundred per cent literacy and rapid industrialisation.
- d. Literature, art and music received a setback during the communist regime in Russia.

Q13. The Indian perception of the Soviet Union was always

- a. Neutral
- b. Applauding
- c. Counter-reactionary
- d. Critical

Q14. The West did not focus on

- a. Massive human rights violation of the Soviet state on its people.
- b. Rapid growth of nuclear weapons in Russia.
- c. Deliberate uprooting and mass migration of ethnic people in the name of industrialisation.
- d. Both (a) and (c)

Q15. The passage is

- a. Descriptive
- b. Thought-provoking
- c. Paradoxical
- d. Analytical

Q16. Out of 130 students appearing in an exam, 62 failed in Science, 52 failed in English, whereas 24 failed in both Science and English. The number of students who passed is

- a. 50
- b. 20
- c. 40
- d. 30

Q17. A girl introduced a boy as the son of the daughter of the father of her uncle. The boy is a girl's

- a. Brother
- b. Son
- c. Nephew
- d. Uncle

Q18. If TRANSFER is coded as RTNAFSRE, then ELEPHANT would be coded as

- a. LEPEHATN
- b. LEEPAHTN
- c. LEPEAHTN
- d. LEPEAHNT

Q19. A number series is given with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank spaces.

1, 4, 27, 16, ?, 36, 343

- a. 121
- b. 244
- c. 125
- d. 81

Q20. All good athletes want to win and all athletes who want to win eat a well-balanced diet; therefore

all athletes who do not eat a well-balanced diet are bad athletes.

The best conclusion from this statement is that

- a. No bad athlete wants to win.
- b. No athlete who does not eat a well-balanced diet is a good athlete.
- c. Every athlete who eats a well-balanced diet is a good athlete.
- d. All athletes who want to win are good athletes.

Study the paragraph and answer the questions (questions 21 to 23) that follow:-

It was during one of the most dreadful smallpox epidemics in England that Edward Jenner, a country doctor, made a discovery which was to alter the course of history. Jenner noticed that the disease seldom struck those who lived in rural areas and worked around cattle. Most farmers and dairy workers had contracted cowpox and had recovered with nothing more serious than a pustule which left a scar. This observation led Dr. Jenner to think, why not vaccinate people with cowpox to protect them from smallpox? On May 14, 1876, Dr. Jenner took a healthy boy, James Phillips, to a dairy maid, Sarah Nelmes, who had a cowpox pustule on her hand resulting from an infection from her master's cow. Dr. Jenner made two shallow cuts on James Phillips' arm and inoculated them with matter taken from the cowpox sore. A pustule developed on the boy's arm formed a scab and healed. In July of the same year, Dr. Jenner inoculated James with matter from a smallpox pustule. During the next two weeks, the doctor watched for signs of smallpox. They did not develop. The vaccination was successful. Dr. Jenner wrote a paper explaining this method of vaccination. At first the doctors were hostile and would not listen to a ridiculous procedure. Many townspeople organized anti-vaccination campaigns. Gradually, however, the doctors and their patients accepted vaccination.

Q21. The fact that Edward Jenner was a country doctor, was important in the discovery of smallpox vaccine, because

- a. He had enough time to pursue his research in the rural areas.
- b. He noticed that the disease was prevalent where people worked around cattle.
- c. He noticed that the disease seldom struck people who worked around cattle.
- d. He found that he could convince rural people more easily than city people.

Q22. Dr. Jenner was successful as cowpox virus produces

- a. Sever infection in humans resulting in deaths.
- b. A mild infection in humans which is not enough to produce active immunity.
- c. A mild infection in humans which is enough to produce active immunity.
- d. No infection in humans.

Q23. Dr. Jenner made his experiment on a healthy boy who

- a. Died after experimentation.
- b. Could not be relieved of his mark of pustule.
- c. Developed the signs of pustule on his body when he was injected the matter of cowpox.
- d. Was paid for it.

Q24. The passage has a/an

- a. Narrative style
- b. Analytic style
- c. Provocative style

d. Idiomatic style

Q25. Examine the following statements:

1. I watch TV only if I am bored.
2. I am never bored when I have my brother's company.
3. Whenever I go to the theatre I take my brother along.

Which one of the following conclusions is valid in the context of the above statements?

- a. If I am bored I watch TV
- b. If I am bored, I seek my brother's company.
- c. If I am not with my brother, then I'll watch TV.
- d. If I am not bored I do not watch TV.

Q26. In the following question, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank spaces.

3, 7, 15, 31, 63, ?

- a. 127
- b. 78
- c. 130
- d. 89

Q27. A & B are two towns. A person covers the distance from A to B on cycle at 17kmph and returns to A by a boat running at a uniform speed of 8kmph. What is his average speed for the whole journey?

- a. 45 kmph
- b. 88 kmph
- c. 5 kmph
- d. 48 kmph

Q28. A can do a piece of work in 20 days. B is 25% more efficient than A. The number of days taken by B to do the same piece of work is

- a. 16 days
- b. 20 days
- c. 12 days
- d. 8 days

Q29. A and B are young ones of C. If C is the father of A but B is not the son of C. How are B and C related?

- a. Niece and Uncle
- b. Daughter and Father
- c. Daughter and Mother
- d. Aunt and Nephew

Q30. In a 500 metres race, B starts 45 metres ahead of A, but A wins the race while B is still 35 metres behind. What is the ratio of speeds of A to B assuming that both start at the same time?

- a. 25:21
- b. 21:25
- c. 23:25
- d. 2:5

Study the passage and answer the questions (Q31 – Q34) that follow:

India's role on the international stage was moulded by history rather than by the pomp and circumstances of war. As a separate entity of the British Empire, India became a founder member of the League of Nations in the same way as Australia and Canada, and thus acquired a somewhat unique international status long before independence. During the days of the League when India's interests were affected, such as in matters of trade or the position of Indians overseas, the Indian delegation did not hesitate to make known its independent position, for what it was worth. Some Indian delegates were in demand for chairing meetings riddled with contention and controversy, because of their reputation for impartiality and talent for mediation. These were the small beginnings of India's later entry into the United Nations in 1945, again as a founder member before independence. The drafting of Chapter IX and X of the UN Charter, which deal with international social and economic cooperation, was entrusted to a group that was presided over by an Indian. It is important, however, to bear in mind that fact that the Government of independent India had no part in the drafting of the UN Charter, although it accepted the obligations contained therein. The UN was primarily the creation of three powers-The USA, UK and Russia. The size, population, resources and potential of India lent it the weight of a medium power in the functioning of the United Nations. The fact that India was among the first nations to liberate itself from the imperialist domination through non-violent means endowed it with a moral obligation to work in and outside the UN for the independence of nations still under colonial rule. India has served on the Security Council for 10 years or 5 terms, on the Trusteeship Council for 12 years or 4 terms and on the Economic and Social Council for 21 years or 7 terms.

Q31. The title below that best expresses the idea of the passage is

- a. India's Role at the United Nations
- b. India and Her Neighbours
- c. India's International Prestige
- d. British Colonial Expansion

Q32. Though a part of the British Empire, India enjoyed great prestige at the League in as much as Indian delegates were in demand for chairing meetings to consider controversial issues. It was because (I) Indian delegates were well known for their impartiality. (II) Indian delegates had a talent for mediation. (III) India was considered a power to reckon with.

- a. I and III are correct
- b. I and II are correct
- c. I, II and III are correct
- d. Only I is correct

Q33. Which chapters of the UN Charter deal with international, social and economic cooperation?

- a. Chapters IX and X
- b. Chapters X and XI
- c. Chapters VI and VII
- d. Chapters IX and XII

Q34. Which of the following countries does not find any coverage in the passage?

- a. USA
- b. Britain
- c. Russia
- d. France

Q35. Consider the following argument:

"In, order to be a teacher one must graduate from college. All poets are poor. Some Mathematicians are poets. No college graduate is poor."

Which one of the following is not a valid conclusion regarding the above argument?

- a. Some Mathematicians are not teachers.
- b. Some teachers are not Mathematicians.
- c. Teachers are not poor.
- d. Poets are not teachers.

Q36. In a group of persons, 70% of the persons are male and 30% of the persons are married. If two-sevenths of the males are married, what fraction of the females is single?

- a. $\frac{1}{5}$
- b. $\frac{1}{3}$
- c. $\frac{2}{3}$
- d. $\frac{2}{5}$

Q37. A village having a population of 4000 requires 150 litres of water per head per day. It has a tank measuring 20m x 15m x 6m. The water of the tank will last for

- a. 4 days
- b. 2 days
- c. 6 days
- d. 3 days

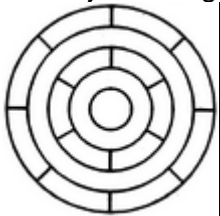
Q38. A student on her first three tests received an average score of N points. If she exceeds her previous average score by 20 points on her fourth test, then what is the average score for the first 4 tests?

- a. $N + 4$
- b. $N + 5$
- c. $N + 10$
- d. $N + 20$

Q39. A contract on construction job specifies a penalty for delay in completion of the work beyond a certain date is as follows: Rs.200 for the first day, Rs.250 for the second day, Rs.300 for the third day, etc. The penalty for each succeeding day is 50 more than that of the preceding day. How much penalty should the contractor pay if he delays the work by 10 days?

- a. 650
- b. 3600
- c. 4250
- d. 5560

Q40. What is the minimum number of different colours required to paint the given figure such that no two adjacent regions have the same colour?



- a. 3
- b. 4
- c. 5
- d. 6

Q41. According to the passage, malnutrition in children can be reduced

- a. If the children have regular intakes of food.
- b. After they cross the age of five.
- c. If the food needs of younger children are known.
- d. If the responsibility of feeding younger children is given to adults.

Q42. According to the author, poverty is not the main cause of malnutrition, but the fact that

- 1. Taking care of younger ones is not a priority for working mothers.
- 2. Awareness of nutritional needs is not propagated by the public health authorities

Select the correct answer using the code given below:

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q43. Consider the following three statements:

- a. Only students can participate in the race
- b. Some participants in the race are girls
- c. All girl participants in the race are invited for coaching.

Which one of the following conclusions can be drawn from the above statements?

- a. All participants in the race are invited for coaching.
- b. All students are invited for coaching.
- c. All participants in the race are students.
- d. None of the statements (a), (b) and (c) given above is correct.

Q44. A society consists of only two types of people fighters and cowards. Two cowards are always friends. A fighter and a coward are always enemies. Fighters are indifferent to one another. If A and B are enemies, C and D are friends, E and F are indifferent to each other, A and E are not enemies, while B and F are enemies.

Which of the following statements is correct?

- a. B, C and F are cowards.
- b. A, E and F are fighters.
- c. B and E are in the same category.
- d. A and F are in different categories.

Q45. A cow costs more than 4 goats but less than 5 goats. If a goat costs between Rs.600 and Rs.800, which of the following is a most valid conclusion?

- a. A cow costs more than Rs.2500.
- b. A cow costs less than Rs.3600.
- c. A cow costs between Rs.2600 and Rs.3800.
- d. A cow costs between Rs.2400 and Rs.4000.

Read the following statements and answer the four items that follow:

Five cities, P, Q, R, S and T are connected by different modes of transport as follows:

P and Q are connected by boat as well as rail.

S and R are connected by bus and boat.

Q and T are connected by air only.

P and R are connected by boat only.

T and R are connected by rail and bus.

Q46. Which mode of transport would help one to reach R starting from Q, but without changing the

mode of transport?

- a. Boat
- b. Rail
- c. Bus
- d. Air

Q47. If a person visits each of the places starting from P and gets back to P, which of the following places must he visit twice?

- a. Q
- b. R
- c. S
- d. T

Q48. Which one of the following pairs of cities is connected by any of the routes directly without going to any other city?

- a. P and T
- b. T and S
- c. Q and R
- d. None of these

Q49. Between which two cities among the pairs of cities given below are there maximum travel options available?

- a. Q and S
- b. P and R
- c. P and T
- d. Q and R

Q50. You are a teacher in a university and are setting a question paper on a particular subject. One of your colleagues, whose son is preparing for the examination on that subject, comes to you and informs you that it is his son's last chance to pass that examination and whether you could help him by indicating what questions are going to be in the examination. In the past your colleague has helped you in another matter. Your colleague informs you that his son will suffer from depression if he fails in the examination. In such circumstances, what would you do?

- a. In view of the help he had given you, extend your help to him.
- b. Regret that you cannot be of any help to him.
- c. Explain to your colleague that this would be violating the trust of the university authorities and you are not in a position to help him.
- d. Report the conduct of your colleague to the higher authorities.

Q51. In a rare coin collection, there is one gold coin for every three non-gold coins. 10 more gold coins are added to the collection and the ratio of gold coins to non-gold coins would be 1:2. Based on the information, the total number of coins in the collection now becomes

- a. 90
- b. 80
- c. 70
- d. 100

Q52. Consider the following statements:

1. All machines consume energy.
2. Electricity provides energy.

3. Electrically operated machines are cheap to maintain.
4. Electrically operated machines do not cause pollution.

Which one of the following inferences can be drawn from the above statements?

- a. All machines are run by electric energy.
- b. There is no form of energy other than electricity.
- c. Most machines are operated on electric energy.
- d. Electrically operated machines are preferable to use.

Q53. Out of 120 applications for a post 70 are male and 80 have a driver's license. What is the ratio between the minimum to maximum number of males having driver's license?

- a. 1:2
- b. 2:3
- c. 3:7
- d. 5:7

Q54. A gardener has 1000 plants. He wants to plant them in such a way that the number of rows and the number of columns remains the same. What is the minimum number of plants that he needs more for this purpose?

- a. 24
- b. 32
- c. 50
- d. 42

Q55. Two trains starting at the same time from 2 stations 200 km apart and going in opposite direction cross each other at a distance of 110 km from one of the stations. What is the ratio of their speeds?

- a. 5:3
- b. 11:9
- c. 2:3
- d. 7:9

Q56. If the wheel of a bicycle makes 560 revolutions in travelling 1.1 km, what is its radius?

- a. 35.56 cm
- b. 36.24 cm
- c. 37.25 cm
- d. 38.56 cm

Q57. The richer States have a responsibility to cut down carbon emissions and promote clean energy investments. These are the States that got electricity, grew faster and now have high per capita income, making them capable of sharing India's burden of becoming eco-friendly. Delhi, for example, can help by generating its own clean electricity using solar rooftop panels or even help poor States finance their clean energy projects. It is no secret that State Electricity Boards, which control 95% of the distribution network, are neck-deep in losses. These losses further discourage State utilities from adopting renewable energy as it is more expensive than fossil fuels.

Which among the following is the most logical and rational assumption that can be made from the above passage?

- a. The richer States must lead in the production and adoption of renewable energy.
- b. The poor States always have to depend on rich States for electricity.
- c. The State Electricity Boards can improve their finances by undertaking clean energy projects.
- d. The high economic disparity between the rich and poor States is the major cause of high carbon emissions in India.

Q58. Set against a rural backdrop, 'Stench of kerosene' is the story of a couple, Guleri and Manak, who have been happily married for several years but do not have a child. Manak's mother is desperate to have a grandchild to carry on the family name. Hence, she gets Manak remarried in Guleri's absence. Manak, who acts as a reluctant but passive spectator, is meanwhile, informed by a friend that Guleri, on hearing about her husband's second marriage, poured kerosene on her clothes and set fire to them. Manak is heartbroken and begins to live as if he were a dead man. When his second wife delivers a son, Manak states at the child for a long time and blurts out, "Take him away! He stinks of kerosene." This is a sensitive issue-based story which tries to sensitise the readers about

- a. Male chauvinism and infidelity
- b. Love and betrayal
- c. Lack of legal safeguards for women
- d. Influence of patriarchal mindset

Q59. An automobiles owner reduced his monthly petrol consumption when the prices went up. The price-consumption relationship is as follows:

Price (in Rs. Per litre)	40	50	60	75
Monthly consumption (in litres)	60	48	40	30

If the price goes up to Rs. 80 per litre, his expected consumption (in litres) will be

- a. 30
- b. 28
- c. 25
- d. 26

Q60. A sum of Rs.700 has to be used to give 7 cash prizes to the student of a school for their overall academic performance. If each prize is Rs.20 less than its preceding price, what is the least value of the price?

- a. 30
- b. 40
- c. 50
- d. 80

Q61. Examine the following statements:

- 1. None but the rich can afford air-travel.
- 2. Some of those who travel by air become sick.
- 3. Some of those who become sick require treatment.

Which one of the following conclusions can be drawn from the above statements?

- a. All the rich persons travel by air.
- b. Those who travel by air become sick.
- c. All the rich persons become sick.
- d. All those who travel by air are rich.

Q62. In the following question a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank spaces.

11, 10, ?, 100, 1001, 1000, 10001

- a. 1000

- b. 121
- c. 101
- d. 111

Q63. Adam can do a piece of work in 7 days of 9 hours each, and Ben can do it in 6 days of 7 hours each. How long will they take to do it, working together $8\frac{2}{5}$ hours a day?

- a. 3 days
- b. 4 days
- c. 5 days
- d. 10 days

Q64. The ultimate aim of government is not to rule or control by fear, nor to demand obedience, but conversely, to free every man from fear, that he may live in all possible security. In other words, to strengthen his natural right to exist and work without injury to himself or others. The object of government is not to change men from rational beings into beasts or puppets. It should enable them to develop their minds and bodies in security, and to employ their reason unshackled.

Which among the following is the most logical and rational inference that can be made from the above passage?

- a. The true aim of government is to secure the citizens their social and political freedom.
- b. The primary concern of government is to provide absolute social security to all its citizens.
- c. The best government is the one that allows the citizens to enjoy absolute liberty in all matters of life.
- d. The best government is the one that provides absolute physical security to the people of the country.

Q65. In a test, a candidate attempted only 8 questions and secured 50% marks in each of the question. If he obtained a total of 40% in the test and all questions in the test carried equal marks, how many questions were there in the test?

- a. 6
- b. 10
- c. 8
- d. 25

Q66. A tank-full petrol in Rahul's motor-cycle lasts for 10 days. If he starts using 25% more every day, how many days will the tank-full petrol last?

- a. 5
- b. 6
- c. 7
- d. 8

Q67. Consider the following matrix:

3	370	7

2	224	6
1	730	X

What is the number at X in the above matrix?

- a. 8
- b. 7
- c. 9
- d. 3

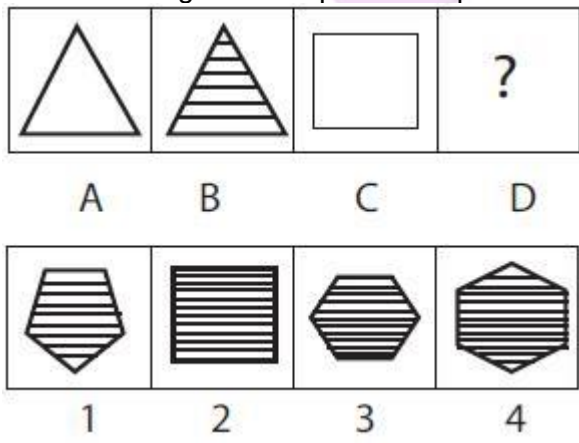
Q68. There are five hobby clubs in a college viz., photography, yachting, chess, electronics and gardening. The gardening group meets every second day, the electronics group meets every third day, the chess group meets every fourth day, the yachting group meets every fifth day and the photography group meets every sixth day. How many times do all the five groups meet on the same day within 180 days?

- a. 3
- b. 5
- c. 18
- d. 6

Q69. A train travels at a certain average speed for a distance of 63 km and then travels a distance of 72 km at an average speed of 6 km/hr more than its original speed. If it takes 3 hours to complete the total journey, what is the original speed of the train in km/hr?

- a. 42
- b. 56
- c. 78
- d. 45

Q70. Which figure will replace the question mark?



- a. 1
- b. 2
- c. 3
- d. 4

Q71. Flamingoes in large flock in the wild are social and extremely loyal. They perform group mating dances. Parents are very fond of their chicks, gathering them into crèches for protection while both males and females fly off to search for food.

Which among the following is the most logical corollary to the above passage?

- a. Mass nesting in all species of birds is essential to ensure complete survival of their offspring.
- b. Only birds have the capacity to develop social behavior and thus can do mass nesting to raise their chicks in safety.
- c. Social behavior in some species of birds increases the odds of survival in an unsafe world.
- d. All species of birds set up crèches for their chicks to teach them social behavior and loyalty.

Q72. A man on tour travels first 160 km at 64 km/hr and the next 160 km at 80 km/hr. The average speed for the first 320 km of the tour is

- a. 71.11 km/hr
- b. 72.55 km/hr
- c. 73.40 km/hr
- d. 74.66 km/hr

Q73. The ratio between the speeds of two trains is 7:8. If the second train runs 400 km in 4 hours, then the speed of the first train is

- a. 75.5 kmph
- b. 87.5 kmph
- c. 88 kmph
- d. 77.5 kmph

Q74. A is thrice as good a workman as B, and takes 10 days less to do a piece of work than B takes. B alone can do the whole work in

- a. 10 days
- b. 14 days
- c. 15 days
- d. 20 days

Q75. Examine the following statements:

1. None but students are the members of the club.
2. Some members of the club are married.
3. All married persons are invited for dance.

Which one of the conclusions can be drawn from the above statements?

- a. All students are invited for dance
- b. All married students are invited for dance
- c. All members of the club are married person
- d. None of the above conclusions can be drawn

Q76. Out of 150 students who appeared in an examination, 50 failed in Hindi, 60 failed in English and 20 failed in both Hindi and English. What is the number of students who finally passed?

- a. 30
- b. 40
- c. 50
- d. 60

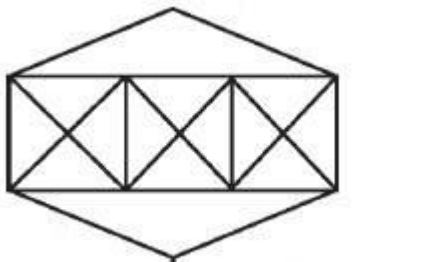
Q77. Upen runs faster than Kiran. Paul runs slower than Sagar. Sagar runs slower than Kiran. Who is the slowest runner?

- a. Upen
- b. Kiran
- c. Sagar
- d. Paul

Q78. "By liberty I mean the eager maintenance of that atmosphere in which men have the opportunity to be their best selves." Which one of the following expresses the view implied in the above statement?

- a. Liberty is the absence of restraint on human action.
- b. Liberty is what law permits people to perform.
- c. Liberty is the ability to do what one desires.
- d. Liberty is the maintenance of conditions for the growth of human personality.

Q79. Count the number of squares in the given figure?



- a. 4
- b. 5
- c. 6
- d. 7

Q80. If JAIPUR is coded as LCKRWT then code of MUMBAI is

- a. OWODCK
- b. NANHJK
- c. OWOFCK
- d. NANHKJ