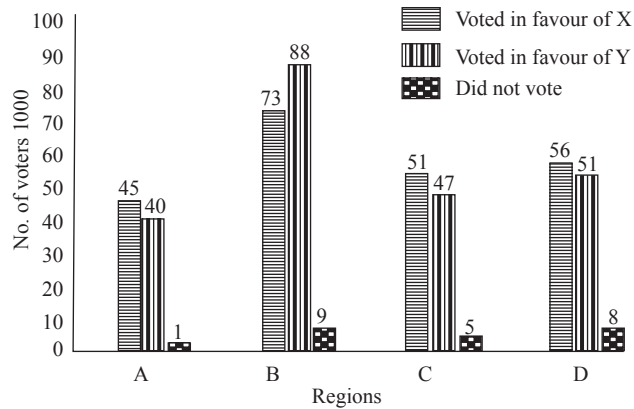


Indian Navy Tradesman Mate Exam Solved Paper 2019

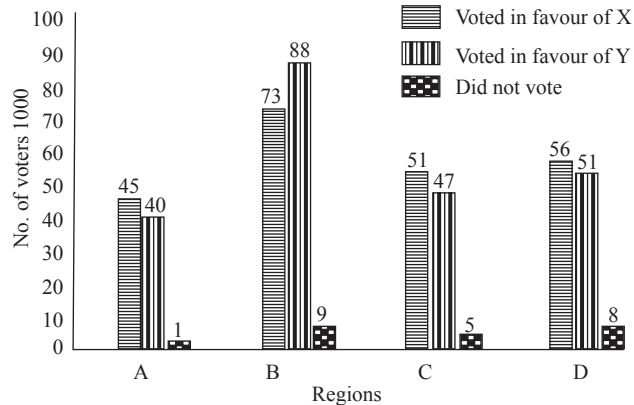
QUANTITATIVE APTITUDE

- A & B together finish a job in 24 days, while A, B & C together can finish the same job in 8 days. C alone will finish the job in
(a) 12 days (b) 14 days (c) 16 days (d) 24 days
- Area of the circle inscribed in a square of diagonal $6\sqrt{5}$ cm (in sq. cms) is
(a) 9π (b) 6π (c) 3π (d) $9\sqrt{5}\pi$
- The original price of a TV set is ₹ 6,000. If the price is discounted by 20% and then raised by 10% for service contract, the price charged by the shopkeeper is
(a) ₹ 5400 (b) ₹ 5280 (c) ₹ 5100 (d) ₹ 4200
- A certain sum of money was divided between A, B and C in the ratio 5 : 6 : 9. If A received ₹ 450 the sum divided was
(a) 2000 (b) 1800 (c) 2250 (d) 1000
- By selling a bag at ₹ 230, profit of 15% is made. The selling price of the bag, when it is sold at 20% profit would be
(a) ₹ 250 (b) ₹ 205 (c) ₹ 240 (d) ₹ 200
- The weights of two iron balls are 3.5 kg and 7.5 kg. What is the percentage weight of the 1st ball with respect to 2nd ball.
(a) $46\frac{2}{3}\%$ (b) 35%
(c) $46\frac{1}{3}\%$ (d) 45%
- A Bus travels at the speed of 36 km/h, then the distance covered by it in one second is
(a) 10 m (b) 15 m (c) 12.5 m (d) 13.5 m
- The value of $\frac{a}{a-b} + \frac{b}{b-a}$ is
(a) $\frac{(a+b)}{(a-b)}$ (b) -1 (c) $2ab$ (d) 1
- The value of $(1 - \sqrt{2} + (\sqrt{2} - \sqrt{3}) + (\sqrt{3} - \sqrt{4}) + \dots + (\sqrt{15} - \sqrt{16}))$ is
(a) 0 (b) 1 (c) -3 (d) 4
- $\triangle ABC$ and $\triangle DEF$ are two similar triangles and the perimeter of $\triangle ABC$ and $\triangle DEF$ are 30 cm and 18 cm respectively. If length of DE = 36 cm, then length of AB is
(a) 6.0 cm (b) 4.0 cm (c) 4.5 cm (d) 5.0 cm
- If the length of a chord of a circle is equal to that of the radius of the circle, then the angle subtended, in radians, at the center of the circle by chord is
(a) 1 (b) $\pi/2$ (c) $\pi/3$ (d) $\pi/4$
- The value of $(\sec^2 45^\circ - \cot^2 45^\circ) - (\sin^2 30^\circ + \sin^2 60^\circ)$ is
(a) 1 (b) $2\sqrt{}$ (c) 0 (d) $1\sqrt{5}$
- The average salary of male employees in a firm was ₹ 5200 and that of females was ₹ 4200. The mean salary of all the employees was ₹ 5000. What is the % of female employees?
(a) 80% (b) 20% (c) 40% (d) 30%
- If $4x = \sqrt{5} + 2$, then find the value of $x - \left(\frac{1}{16x}\right)$?
(a) 1 (b) -1
(c) 4 (d) $2\sqrt{5}$
- The cube of 105 is
(a) 1157625 (b) 1175625 (c) 1185625 (d) 1158625
- In $\triangle ABC$, $\angle B$ is right angle, D is the midpoint of the side AC. If AB = 6 cm, BC = 8cm, then the length of BD is
(a) 4 cm (b) 5 cm
(c) 8 cm (d) 12 cm
- The diagonals of two squares are in the ratio 5:2. The ratio of their area is
(a) 5:6 (b) 25:4
(c) 5:4 (d) 125:8
- The angle of elevation of a ladder leaning against a wall is 60 degrees and the foot of the ladder is 4.6 m away from the wall. The length of the ladder is
(a) 2.3 m (b) 4.6 m
(c) 9.2 m (d) 7.8 m
- The product of two 2-digit numbers is 2160 and their H.C.F. is 12. The numbers are
(a) (12, 60) (b) (72, 30) (c) (36, 60) (d) (60, 72)
- The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 4% per annum is ₹ 1. The sum (in ₹) is:
(a) 620 (b) 630 (c) 640 (d) 625
- In a mixture of 25 liters, the ratio of milk to water is 4:1. Another 3 liters of water is added to the mixture. The ratio of milk to water in the new mixture is
(a) 5:1 (b) 5:2
(c) 5:3 (d) 5:4
- A constituency is divided in four regions A, B, C and D. Two candidates X & Y contested the last election from that constituency. The adjoining graph gives the break-up of voting in the four regions. Study the graph and answer the following question.



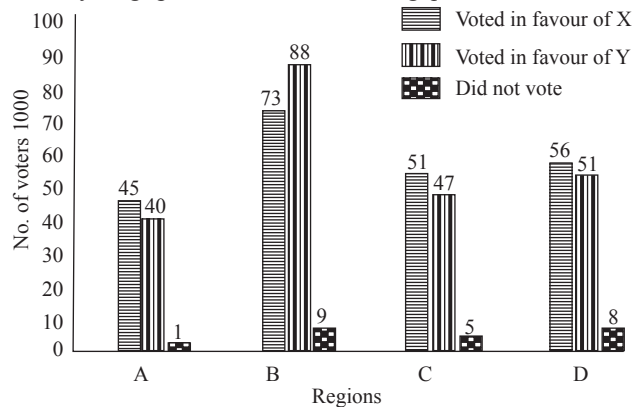
Approximately how much percent of voters voted in favor of X?
 (a) 45.4 (b) 47.5 (c) 50 (d) 225

23. A constituency is divided in four regions A, B, C and D. Two candidates X & Y contested the last election from that constituency. The adjoining graph gives the break-up of voting in the four regions. Study the graph and answer the following question.



Approximately how much percent of voters did not cast their votes?
 (a) 4.9 (b) 4.5 (c) 0.23 (d) 23

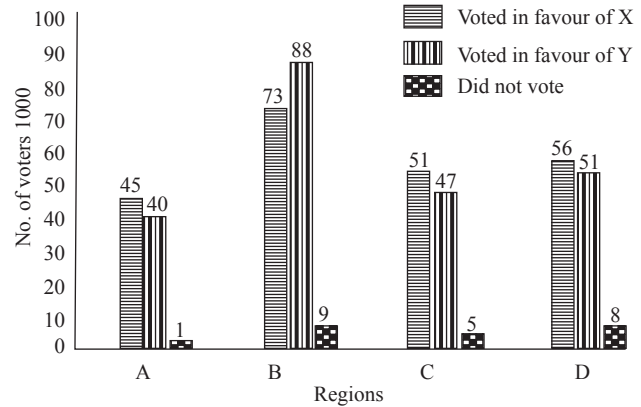
24. A constituency is divided in four regions A, B, C and D. Two candidates X & Y contested the last election from that constituency. The adjoining graph gives the break-up of voting in the four regions. Study the graph and answer the following question.



In region B, Y gets A% more votes than X. Find the value of A?

- (a) 24% (b) 21%
 (c) 19% (d) 15%

25. A constituency is divided in four regions A, B, C and D. Two candidates X & Y contested the last election from that constituency. The adjoining graph gives the break-up of voting in the four regions. Study the graph and answer the following question.



Nearly what percentage of his total votes did X receive from region B?

- (a) 30 (b) 31 (c) 32 (d) 35

REASONING ABILITY

26. Select the related word/letters numbers from the given alternatives:

Magazine : Editor :: Drama : ?

- (a) Director (b) Hero
 (c) Heroine (d) Painter

27. Select the related word/letters/numbers from the given alternatives:

ACEG : IKMO :: QSUW : ?

- (a) YZCE (b) YACD
 (c) YACE (d) YBCE

28. Select the related word/letters/numbers from the given alternatives:

12 : 39 :: 15 : ?

- (a) 48 (b) 52 (c) 39 (d) 51

29. Find the odd word/letters/number pair from the given alternatives.

- (a) Torch (b) Battery
 (c) Candle (d) Lamp

30. Find the odd word/letters/number pair from the given alternatives.

- (a) CA (b) FD (c) KI (d) TQ

31. Find the odd word/letters/number pair from the given alternatives.

- (a) 73-61 (b) 57-69 (c) 47-59 (d) 42-29

32. Arrange the following words as per order in the dictionary.

- Scarf
- Scene
- Shell
- Survey
- Stream

- (a) 1, 2, 4, 5, 3 (b) 2, 4, 5, 1, 3
 (c) 3, 1, 2, 5, 4 (d) 1, 2, 3, 5, 4

33. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

DCB, HGF, ?, PON

(a) LKJ (b) QRO (c) SUM (d) XZY

34. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

4, 9, 16, 25, 36, ?

(a) 49 (b) 56 (c) 21 (d) 94

35. A is D's brother. D is B's father. B & C are sisters. How is C related to A?

(a) Cousin (b) Niece
(c) Aunt (d) Nephew

36. At a college party 5 girls are sitting in a row. P is to the left of M and to the right of O. R is sitting to the right of N, but to the left of O. Who is sitting in the middle?

(a) O (b) R (c) P (d) M

37. From the given alternative words, select the word which cannot be formed using the letters of the given word:

CONSULTATION

(a) CONSTANT (b) NATION
(c) SALUTE (d) STATION

38. If S = 19, SUN = 54 and CAKE = 20, then MISTAKE = ?

(a) 78 (b) 68 (c) 59 (d) 48

39. If '+' stands for multiplication, '-' stands for addition, '×' stands for division, then what is the value of-

$128 \div 9 - 16 \times 4 = ?$

(a) 73 (b) 256 (c) 1156 (d) 1352

40. In this question, some equations are solved on the basis of a certain system. On the same basis find out the correct answer from amongst the four alternatives for the unsolved equation.

$6 \times 2 \times 9 = 269$

$8 \times 7 \times 1 = 781$

$4 \times 1 \times 3 = ?$

(a) 431 (b) 413 (c) 341 (d) 143

41. Select the missing numbers from the given alternatives

9	11	13
3	4	7
3	4	5
81	176	?

(a) 143 (b) 169 (c) 455 (d) 545

42. To attend an exam, Sudhir reached the school by travelling 5 km towards South, and after a sharp left turn, he travelled for about 10 km. He again made a sharp left turn and reached in front of the school by travelling 5 km more.

Which direction is Sudhir's starting point from the school?

(a) East (b) West (c) North (d) South

43. Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

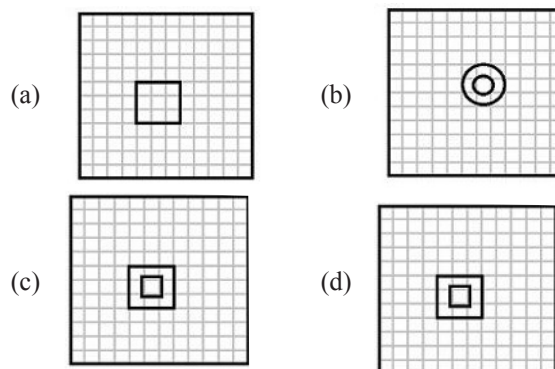
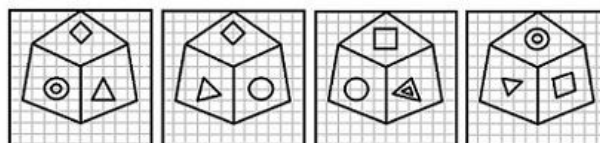
Statements:

- All books are novels.
- Some novels are poems.

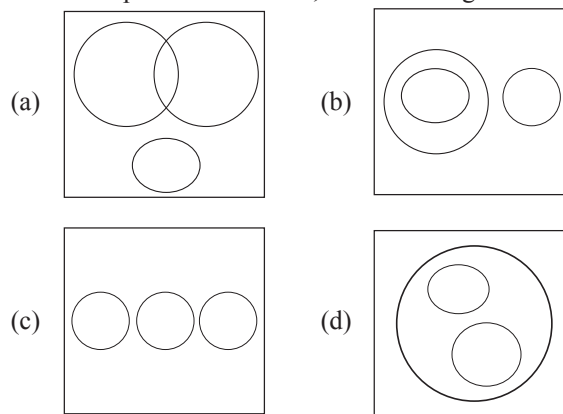
Conclusions:

- Some books are poems.
 - Some poems are novels.
- (a) Only conclusion I follows
(b) Only conclusion II follows
(c) Neither conclusion I nor conclusion II follows
(d) Both conclusion I and conclusion II follow

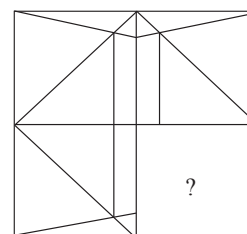
44. Which symbol will appear on the face opposite to the face of a circle O in the cube given below?

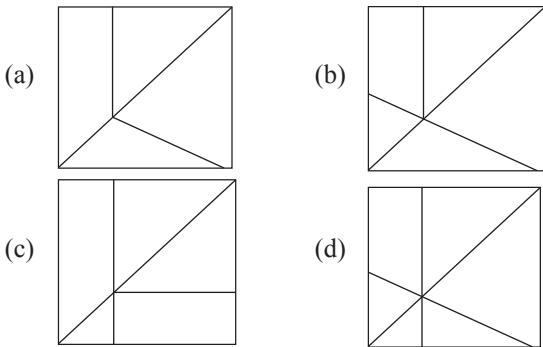


45. Which one of the following diagrams represents the relationship between Insects, Flies and Dogs?

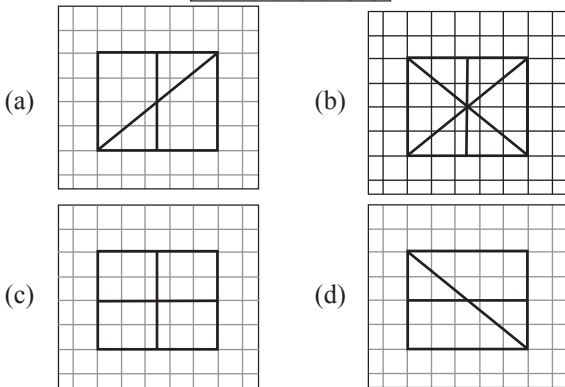
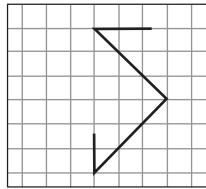


46. Which answer figure will complete the pattern in the question figure?

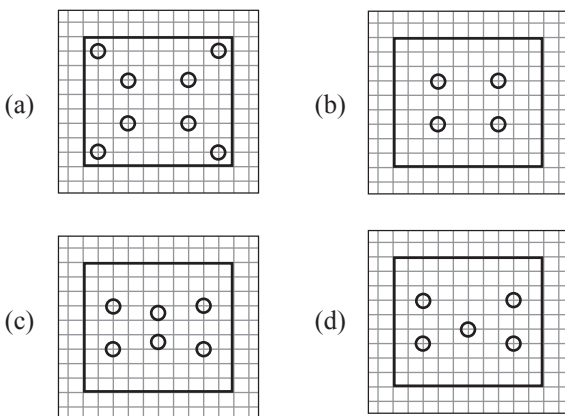
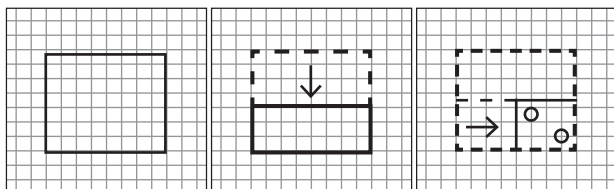




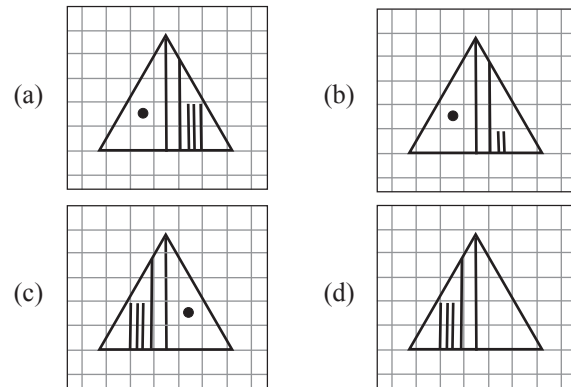
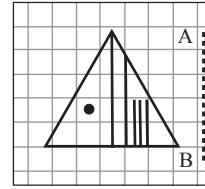
47. From the given answer figures, select the one in which the question figure is hidden.



48. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.



49. Which of the answer figure is exactly the mirror image of the given figure, when the mirror is held on the line AB?



50. In the question, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'L' can be represented by 12, 24 etc., and 'R' can be represented by 55, 67 et (c) Similarly you have to identify the set for the word 'SENT'

Matrix I

	0	1	2	3	4
0	L	E	O	S	C
1	S	C	L	E	O
2	E	O	S	C	L
3	C	L	E	O	S
4	O	S	C	L	E

Matrix II

	5	6	7	8	9
5	R	K	U	N	T
6	N	T	R	K	U
7	K	U	N	T	R
8	T	R	K	U	N
9	U	N	T	R	K

- (a) 10, 20, 58, 77
(c) 34, 44, 67, 87

- (b) 22, 32, 65, 78
(d) 41, 13, 87, 68

ENGLISH LANGUAGE

51. In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word.

INSOLENT

- (a) DISTASTEFUL (b) IMPATIENT
(c) DIABOLIC (d) RUDE

52. In the following question, out of the four alternatives, choose the word which is opposite in meaning to the given word.

VIRTUE

- (a) WILES (b) CURSE
(c) VICE (d) CUNNING

53. Four words are given, out of which only one word is spelt correctly.
Choose the correctly spelt word.
(a) Tranquility (b) Tranquillity
(c) Trankquility (d) Trankwility
54. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error. If the sentence is free from error, click the "No error" option.
Could she cite (A)/ any precedent in support (B)/ for her case? (C)/ No Error (D)
(a) A (b) B (c) C (d) D
55. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error. If the sentence is free from error, click the "No error" option.
The General Manager of the industry has felt (A)/ that there is no use of (B)/ discussing about the problems with the laborers. (C)/ No Error (D)
(a) A (b) B (c) C (d) D
56. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error. If the sentence is free from error, click the "No error" option.
She enquired from the stranger (A)/ who was he and (B)/ what he wanted from her. (C)/ No Error (D)
(a) A (b) B (c) C (d) D
57. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative.
We acted on a _____ impulse.
(a) momentary (b) momentous
(c) memorable (d) meritorious
58. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative.
Do your best and we'll back you _____.
(a) on (b) in (c) out (d) up
59. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative.
Sanjay _____ his mother in the morning every day.
(a) calls in (b) calls up
(c) calls off (d) calls down
60. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase.
Put two and two together
(a) Bad at mathematics
(b) Poor financial condition
(c) Reason logically
(d) Forget something
61. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase.
An axe to grind
(a) Attack aggressively (b) Suffer a lot
(c) Betray somebody (d) Have a selfish interest
62. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase. Pick to pieces
(a) Study something superficially
(b) Complete a work entirely
(c) Analyze critically
(d) Select only what you need
63. Out of the four alternatives, choose the one which can be substituted for the given words/sentences.
A person who lays too much stress on bookish-learning
(a) Pervert (b) Pedant
(c) Philosopher (d) Scholar
64. Out of the four alternatives, choose the one which can be substituted for the given words/sentences.
Postponement or delay permitted in the suffering of a penalty or the discharge of an obligation.
(a) Respite (b) Spire
(c) Splurge (d) Scourge
65. Out of the four alternatives, choose the one which can be substituted for the given words/sentences.
Deviation from the right course
(a) Imagination (b) Amalgamation
(c) Illumination (d) Aberration
66. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose "No improvement".
He likes to drive his car at a speed of eighty kilometers each hour.
(a) every hour (b) an hour
(c) hourly (d) No improvement
67. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part, which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose "No improvement".
His argument against his opponent duly brought jeers from the crowd.
(a) invective (b) praise
(c) controversy (d) No improvement
68. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose "No improvement".
Do you know the time when the train departs?
(a) which (b) by
(c) that (d) No improvement

69. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part, which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose "No improvement".
I'm staying with some friends who are owning a farm.

(a) will be owning (b) own
(c) have been owning (d) No improvement

70. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose "No improvement".
An old friend, may I give you an advice ?

(a) give you some advice (b) give you an advise
(c) offer you an advice (d) No improvement

71. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives.

The Alaska pipeline starts at the frozen edge of the Arctic Ocean. It stretches southward across the largest and northernmost state in the United States, ending at a remote ice-free seaport village nearly 800 miles from where it begins. It is massive in size and extremely complicated to operate. The steel pipe crosses windswept plains and endless miles of delicate tundra that tops the frozen ground. It weaves through crooked canyons, climbs sheer mountains, plunges over rocky crags, makes its way through thick forests, and passes over or under hundreds of rivers and streams. The pipe is 4 feet in diameter, and up to 2 million barrels (or 84 million gallons) of crude oil can be pumped through it daily. Resting on H-shaped steel racks called "bents", long sections of the pipeline follow a zigzag course high above the frozen earth. Other long sections drop out of sight beneath spongy or rocky ground and return to the surface later on. The pattern of the pipeline's up-and-down route is determined by the often harsh demands of the arctic and subarctic climate, the tortuous lay of the land, and the varied compositions of soil, rock, or permafrost (permanently frozen ground). A little more than half of the pipeline is elevated above the ground. The remainder is buried anywhere from 3 to 12 feet, depending largely upon the type of terrain and the properties of the soil. One of the largest in the world, the pipeline cost approximately \$8 billion and is by far the biggest and most expensive construction project ever undertaken by private industry. In fact, no single business could raise that much money, so 8 major oil companies formed a consortium in order to share the costs. Each company controlled oil rights to particular shares of land in the oil fields and paid into the pipeline-construction fund according to the size of its holdings. Today, despite enormous problems of climate, supply shortage, equipment breakdowns, labor disagreements, treacherous terrain, a certain amount of mismanagement, and even theft, the Alaska pipeline has been completed and is operating.

The Alaskan pipeline ends

- (a) north of Alaska
(b) at a seaport village
(c) after passing through canyons and rivers
(d) at a tundra covered village

72. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives.

The Alaska pipeline starts at the frozen edge of the Arctic Ocean. It stretches southward across the largest and northernmost state in the United States, ending at a remote ice-free seaport village nearly 800 miles from where it begins. It is massive in size and extremely complicated to operate. The steel pipe crosses windswept plains and endless miles of delicate tundra that tops the frozen ground. It weaves through crooked canyons, climbs sheer mountains, plunges over rocky crags, makes its way through thick forests, and passes over or under hundreds of rivers and streams. The pipe is 4 feet in diameter, and up to 2 million barrels (or 84 million gallons) of crude oil can be pumped through it daily. Resting on H-shaped steel racks called "bents", long sections of the pipeline follow a zigzag course high above the frozen earth. Other long sections drop out of sight beneath spongy or rocky ground and return to the surface later on. The pattern of the pipeline's up-and-down route is determined by the often harsh demands of the arctic and subarctic climate, the tortuous lay of the land, and the varied compositions of soil, rock, or permafrost (permanently frozen ground). A little more than half of the pipeline is elevated above the ground. The remainder is buried anywhere from 3 to 12 feet, depending largely upon the type of terrain and the properties of the soil. One of the largest in the world, the pipeline cost approximately \$8 billion and is by far the biggest and most expensive construction project ever undertaken by private industry. In fact, no single business could raise that much money, so 8 major oil companies formed a consortium in order to share the costs. Each company controlled oil rights to particular shares of land in the oil fields and paid into the pipeline-construction fund according to the size of its holdings. Today, despite enormous problems of climate, supply shortage, equipment breakdowns, labour disagreements, treacherous terrain, a certain amount of mismanagement, and even theft, the Alaska pipeline has been completed and is operating.

What is the capacity of the Alaskan pipeline?

- (a) 2 million gallons of crude oil
(b) 4 million barrels of crude oil
(c) 84 million gallons of crude oil
(d) 84 billion barrels of crude oil

73. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives.

The Alaska pipeline starts at the frozen edge of the Arctic Ocean. It stretches southward across the largest and northernmost state in the United States, ending at a remote ice-free seaport village nearly 800 miles from where it begins. It is massive in size and extremely complicated to operate. The steel pipe crosses windswept plains and endless miles of delicate tundra that tops the frozen ground. It weaves through crooked canyons, climbs sheer mountains, plunges over rocky crags, makes its way through thick forests, and passes over or under hundreds of rivers and streams. The pipe is 4 feet in diameter, and up to 2 million barrels (or 84 million gallons) of crude oil can be pumped through it daily. Resting on H-shaped steel racks called “bents”, long sections of the pipeline follow a zigzag course high above the frozen earth. Other long sections drop out of sight beneath spongy or rocky ground and return to the surface later on. The pattern of the pipeline’s up-and-down route is determined by the often harsh demands of the arctic and subarctic climate, the tortuous lay of the land, and the varied compositions of soil, rock, or permafrost (permanently frozen ground). A little more than half of the pipeline is elevated above the ground. The remainder is buried anywhere from 3 to 12 feet, depending largely upon the type of terrain and the properties of the soil. One of the largest in the world, the pipeline cost approximately \$8 billion and is by far the biggest and most expensive construction project ever undertaken by private industry. In fact, no single business could raise that much money, so 8 major oil companies formed a consortium in order to share the costs. Each company controlled oil rights to particular shares of land in the oil fields and paid into the pipeline-construction fund according to the size of its holdings. Today, despite enormous problems of climate, supply shortage, equipment breakdowns, labour disagreements, treacherous terrain, a certain amount of mismanagement, and even theft, the Alaska pipeline has been completed and is operating.

What are “bents”?

- (a) Zigzag shape of pipeline
- (b) Pipeline’s up and down route
- (c) The section of the pipeline that drops out of sight
- (d) The H-shaped steel racks

74. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives.

The Alaska pipeline starts at the frozen edge of the Arctic Ocean. It stretches southward across the largest and northernmost state in the United States, ending at a remote ice-free seaport village nearly 800 miles from where it begins. It is massive in size and extremely complicated to operate. The steel pipe crosses windswept plains and endless miles of delicate tundra that tops the frozen ground. It weaves through crooked canyons, climbs sheer mountains, plunges over rocky crags, makes its way

through thick forests, and passes over or under hundreds of rivers and streams. The pipe is 4 feet in diameter, and up to 2 million barrels (or 84 million gallons) of crude oil can be pumped through it daily. Resting on H-shaped steel racks called “bents”, long sections of the pipeline follow a zigzag course high above the frozen earth. Other long sections drop out of sight beneath spongy or rocky ground and return to the surface later on. The pattern of the pipeline’s up-and-down route is determined by the often harsh demands of the arctic and subarctic climate, the tortuous lay of the land, and the varied compositions of soil, rock, or permafrost (permanently frozen ground). A little more than half of the pipeline is elevated above the ground. The remainder is buried anywhere from 3 to 12 feet, depending largely upon the type of terrain and the properties of the soil. One of the largest in the world, the pipeline cost approximately \$8 billion and is by far the biggest and most expensive construction project ever undertaken by private industry. In fact, no single business could raise that much money, so 8 major oil companies formed a consortium in order to share the costs. Each company controlled oil rights to particular shares of land in the oil fields and paid into the pipeline-construction fund according to the size of its holdings. Today, despite enormous problems of climate, supply shortage, equipment breakdowns, labour disagreements, treacherous terrain, a certain amount of mismanagement, and even theft, the Alaska pipeline has been completed and is operating.

How was the fund for pipeline - construction generated?

- (a) 8 major oil companies joined hands to share the cost
- (b) 8 major oil companies borrowed \$8 billion.
- (c) A single private company raised \$8 billion
- (d) Oil rights were sold to 8 major oil companies

75. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives.

The Alaska pipeline starts at the frozen edge of the Arctic Ocean. It stretches southward across the largest and northernmost state in the United States, ending at a remote ice-free seaport village nearly 800 miles from where it begins. It is massive in size and extremely complicated to operate. The steel pipe crosses windswept plains and endless miles of delicate tundra that tops the frozen ground. It weaves through crooked canyons, climbs sheer mountains, plunges over rocky crags, makes its way through thick forests, and passes over or under hundreds of rivers and streams. The pipe is 4 feet in diameter, and up to 2 million barrels (or 84 million gallons) of crude oil can be pumped through it daily. Resting on H-shaped steel racks called “bents”, long sections of the pipeline follow a zigzag course high above the frozen earth. Other long sections drop out of sight beneath spongy or rocky ground and return to the surface later on. The pattern of the pipeline’s up-and-down route is determined by the often harsh demands of the arctic and subarctic climate, the tortuous lay of the

land, and the varied compositions of soil, rock, or permafrost (permanently frozen ground). A little more than half of the pipeline is elevated above the ground. The remainder is buried anywhere from 3 to 12 feet, depending largely upon the type of terrain and the properties of the soil. One of the largest in the world, the pipeline cost approximately \$8 billion and is by far the biggest and most expensive construction project ever undertaken by private industry. In fact, no single business could raise that much money, so 8 major oil companies formed a consortium in order to share the costs. Each company controlled oil rights to particular shares of land in the oil fields and paid into the pipeline-construction fund according to the size of its holdings. Today, despite enormous problems of climate, supply shortage, equipment breakdowns, labor disagreements, treacherous terrain, a certain amount of mismanagement, and even theft, the Alaska pipeline has been completed and is operating.

Which of the following were not problems faced while constructing the pipeline?

- (a) Supply shortages (b) Treacherous terrain
- (c) Lack of funds (d) Equipment breakdown

GENERAL AWARENESS

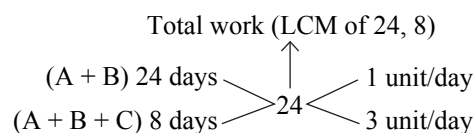
76. Which of the following countries has decided to purchase 126 Rafale fighter aircrafts from France?
 - (a) Iraq (b) China
 - (c) Bangladesh (d) Afghanistan
 - (e) India
77. Which of the following is NOT an important function of Reserve Bank of India?
 - (a) Management of Foreign Exchange Reserves
 - (b) Foreign Exchange related current and capital account management
 - (c) Devising Foreign Trade policy of India
 - (d) Debt and Cash Management for State Govts
 - (e) Regulation of Govt. Securities
78. Business Correspondent Framework launched by the Reserve Bank of India is a step in achieving which of the following?
 - (a) Financial inclusion
 - (b) Transparency in banking transactions
 - (c) Better control over cooperative/small banks
 - (d) Providing direct subsidy to consumers of Public Distribution System (PDS)
 - (e) None of these
79. Nuclear Threat Initiative, the organisation which has compiled first ever index of security materials globally, is an agency based in
 - (a) India (b) USA
 - (c) Japan (d) Germany
 - (e) China
80. Who among the following was the Chief Guest at India's 70th Republic Day (2019) function?
 - (a) Kamla Persad Bissessar
 - (b) Yingluck Shinawatra
 - (c) David Cameron
 - (d) Hamid Karzai
 - (e) Cyril Ram Phasa
81. Which of the following organisations has recommended that financial literacy should be made part of syllabus from high schools itself?
 - (a) Securities & Exchange Board of India (SEBI)
 - (b) Reserve Bank of India (RBI)
 - (c) Indian Bank's Association (IBA)
 - (d) National Bank for Agriculture and Rural Development (NABARD)
 - (e) State Bank of India
82. Which of the following days is observed as AIDS Day every Year?
 - (a) 10th March (b) 1st December
 - (c) 10th December (d) 1st November
 - (e) 1st March
83. Which of the following terms is used in the field of Economics?
 - (a) Ampere (b) Horse Power
 - (c) Relative Density (d) Arbitrage
 - (e) Joule's Law
84. Wasim Jaffer's name was in news recently. He is a well known
 - (a) Chess player (b) Table Tennis player
 - (c) Lawn Tennis player (d) Golf player
 - (e) Cricket player
85. Who among the following is the Chief Justice of India at present?
 - (a) Justice Sujata Manohar
 - (b) Justice Altamas Kabir
 - (c) Justice G S Singhvi
 - (d) Justice S H Kapadia
 - (e) Ranjan Gogi
86. Which of the following represents present Cash Reserve Ratio (CRR)?
 - (a) 5% (b) 4.75%
 - (c) 5.25% (d) 4.50%
 - (e) 4%
87. During 23 Sept-2019 the 'Earth Summit' will take place in
 - (a) New York
 - (b) Paris
 - (c) Rio De Janerio
 - (d) Washington DC
 - (e) Tokyo

88. Who among the following is one of the winners of Nobel Peace Prize for 2019?
(a) Edmund S Phelps (b) Akira Suzuki
(c) Tawakkol Karman (d) Finn E Kydland
(e) Abiy Ahmed
89. Which of the following organisations is the regulator of stock exchanges in India?
(a) RBI (b) SIDBI
(c) SEBI (d) NABARD
(e) IBA
90. Which of the following schemes is launched by the Govt of India to provide banking services in 73,000 villages in India?
(a) ASHA (b) Swabiman
(c) Kutir Jyoti (d) RAY
(e) Swavalamban
91. What does the letter 'D' denote in the term 'SDR'? (as used in finance)
(a) Deposits (b) Data
(c) Drawing (d) Debt
(e) Dealers
92. Which of the following awards is given to sportspersons?
(a) Kalidas Samman (b) Saraswati Samman
(c) Ashok Chakra (d) Arjuna Award
(e) Vysa Samman
93. Who among the following is the President of France at present?
(a) Dimitry Medvedev (b) Nicolas Sarkozy
(c) Rupert Murdoch (d) Silvio Berlusconi
(e) Emmanuel Macron
94. Which of the following cups/trophies is associated with the game of cricket?
(a) Davis Cup (b) Agha Khan Cup
(c) Wimbledon Cup (d) Nehru Cup
(e) Ranji Trophy
95. Total Gross National Product divided by the total population is known as which of the following in economics?
(a) Statutory Liquidity Ratio
(b) Inflation
(c) National Income
(d) Deflation
(e) Per Capita Income
96. Which of the following terms is used in the game of football?
(a) Penalty (b) Cover Point
(c) Cox (d) Bull's Eye
(e) Half Nelson
97. Which of the following combinations of the name of countries and their capitals is NOT correct?
(a) Bangladesh - Dhaka
(b) Afghanistan - Kabul
(c) Canada - Ottawa
(d) China - Beijing
(e) Italy - Milan
98. Which of the following instruments is used to measure intensity of earthquakes?
(a) Seismograph (b) Periscope
(c) Manometer (d) Galvano meter
(e) Dynamometer
99. Which of the following books is written by Kiran Desai?
(a) A Brush With Life (b) A Fortune Teller Told Me
(c) Black Arrow (d) Catch-22
(e) The Inheritance of Loss
100. Who among the following is a Padma Bhushan Awardee?
(a) Anand Kumar (b) Shiva Keshavan
(c) Vijay Zol (d) Homi K Bhabha

Hints & Solutions

1. (a) The efficiency of $(A + B) = \frac{100}{24} = \left(\frac{25}{6}\right)\%$
 The efficiency of $(A + B + C) = \frac{100}{8} = \left(\frac{25}{2}\right)\%$
 The efficiency of $C = \frac{25}{2} - \frac{25}{6} = \left(\frac{50}{6}\right)\%$
 So, C can alone finish this job in $= \frac{100}{\left(\frac{50}{6}\right)} = 12$ days

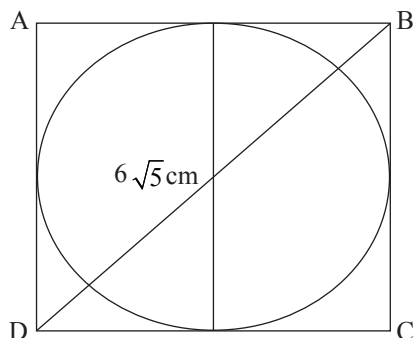
Alternate Method :



$\therefore$ efficiency of $C = 2$ unit/day

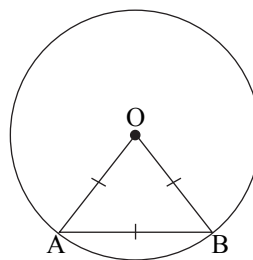
$\therefore$ C alone finish the job $= \frac{24}{2} = 12$ days

2. (a) Diagonal of square $= \text{side} \times \sqrt{5}$; $\Rightarrow$ Side $= 6$ cms
 [Side = Diameter = 6 cms] $\Rightarrow$ radius $= 3$ cms
 So, the area of circle $= \pi r^2 = \pi \times (3)^2 = 9\pi \text{ cm}^2$



3. (b) Original price $= ₹ 6000$
 Discount $= 6000 \times \frac{20}{100} = 1200$
 Price after discount $= 6000 - 1200 = ₹ 4800$
 Price after raising service contract $= 4800 + 480 = ₹ 5280$
4. (b) Suppose the received money by A, B, and C is respectively $5p$, $6p$, and $9p$.
 $5p = 450$; $\Rightarrow p = 90$
 So, the total money $= 20p = 20 \times 90 = ₹ 1800$
5. (c) Let the Cost price of the bag $= ₹ m$
 $\therefore m + 0.15m = 230 \Rightarrow m = ₹ 200$
 Selling price after selling on 20% profit $= 200 + 20\%$
 of $200 = ₹ 240$

6. (a) The required percentage
 $= 3.5 \times \frac{100}{7.5} = \frac{140}{3}\% = 46\frac{2}{3}\%$
7. (a) Distance traveled in one second $= (36 \times 1000 \text{ meter}) / (60 \times 60 \text{ seconds})$
 $\Rightarrow 10 \text{ m } (\because 1 \text{ hr} = 60 \text{ min and } 1 \text{ min} = 60 \text{ sec.})$
8. (d) $\frac{a}{(a-b)} - \frac{b}{(a-b)} = \frac{a-b}{(a-b)} = 1$
9. (c) $(1 - \sqrt{2}) + (\sqrt{2} - \sqrt{3}) + (\sqrt{3} - \sqrt{4}) + \dots + (\sqrt{15} - \sqrt{16})$
 $= 1 - \sqrt{16} = 1 - 4 = -3$
10. (a) By the property of similar triangle,
 $\frac{\text{Perimeter of } \triangle ABC}{\text{Perimeter of } \triangle DEF} = \frac{AB}{DE}$
 $\frac{30}{18} = \frac{AB}{3.6}$
 $AB = 6.0 \text{ cm.}$
11. (c) We can see that the triangle OAB is an equilateral triangle. So, each angle of this triangle will be 60 degrees.
 Value in radian $= 60 \times \frac{\pi}{180} = \frac{\pi}{3}$ radian



12. (c) By the numeric values of these trigonometric ratios-
 $(\sec^2 45 - \cot^2 45) - (\sin^2 30 - \sin^2 60)$
 $= (\sqrt{2})^2 - 1 - \left[\left(\frac{1}{2}\right)^2 - \left(\frac{\sqrt{3}}{2}\right)^2 \right]$
 After simplifying the above expression $= 0$
13. (b) Let the number of male employees $= M$ and the number of female employees $= N$
 ATQ, $5200 \times M + 4200 \times N = 5000 \times (M + N)$
 $200M = 800N \Rightarrow M = 4N$
 So, % of female employees
 $= \frac{N \times 100}{M + N} = \frac{N \times 100}{5N} = \frac{100}{5} = 20\%$
14. (a) $4x = \sqrt{5} + 2$
 $\frac{1}{4x} = \sqrt{5} - 2$

$$\text{Now, } x - \frac{1}{16x} = \frac{1}{4} \left(4x - \frac{1}{4x} \right)$$

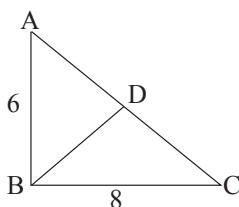
$$\frac{1}{4} (\sqrt{5} + 2 - \sqrt{5} + 2) = 1.$$

$$\begin{aligned} 15. (a) \quad (105)^3 &= (100 + 5)^3 \\ &= (100)^3 + (5)^3 + 3 \times 100 \times 5(100 + 5) \\ &= 1,000,000 + 125 + 150,000 + 7500 \\ &= 1,157,625 \end{aligned}$$

$$\begin{aligned} 16. (b) \quad \text{In right-angled triangle ABC,} \\ AC^2 &= AB^2 + BC^2 = 6^2 + 8^2 = 100 \\ AC &= 10 \text{ cm} \end{aligned}$$

$$\therefore AD = BD = CD = \frac{AC}{2} = 5 \text{ cm.}$$

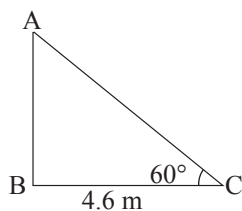
(By theorem)



$$17. (b) \text{ Diagonal of square} = \text{side} \times \sqrt{2}$$

$$\begin{aligned} \text{Side of first square } (A_1) &= d_1 / \sqrt{2} \\ \text{Side of second square } (A_2) &= d_2 / \sqrt{2} \\ \text{Ratios of the areas} &= (A_1)^2 / (A_2)^2 \\ &= (d_1 / \sqrt{2})^2 / (d_2 / \sqrt{2})^2 \\ &= \frac{d_1^2}{d_2^2} = 25:4 \end{aligned}$$

$$18. (c) \text{ In the triangle ABC,}$$



$$\cos 60^\circ = \frac{BC}{AC} \Rightarrow \frac{1}{2} = \frac{4.6}{AC} \Rightarrow AC = 9.2 \text{ m}$$

$$19. (c) \text{ Only option (c) follows the given condition Product of numbers} = \text{LCM} \times \text{HCF}$$

$$\therefore \text{LCM} = 2160/12 = 180$$

$$20. (d) \text{ Difference in C.I. and S.I. for 2 years} = P \left(\frac{r}{100} \right)^2$$

$$1 = P \left(\frac{4}{100} \right)^2$$

$$\therefore P = (25)^2 = ₹625$$

$$\begin{aligned} 21. (b) \quad \text{The amount of milk in the mixture} \\ &= (4/5) \times 25 = 20 \text{ liters} \\ \text{The amount of water in the mixture} \\ &= (1/5) \times 25 = 5 \text{ liters} \\ \text{When added 3 liters of water, then total quantity of} \\ \text{water} &= 8 \text{ liters} \\ \text{The ratio of milk to water} &= 20 : 8 = 5 : 2. \end{aligned}$$

$$\begin{aligned} 22. (b) \quad \text{Total number of voters, who have voted in favor of X} \\ &= 45 + 73 + 51 + 56 = 225 \\ \text{Total Voters} &= (45 + 40 + 1) + (73 + 88 + 9) + (51 + 47 + 5) + (56 + 51 + 8) = 474 \\ \text{The required percentage} &= 225 \times 100/474 = 47.46\% \end{aligned}$$

$$\begin{aligned} 23. (a) \quad \text{Total number of voters, who have not voted} &= 1 + 9 + 5 + 8 = 23 \\ \text{Total Voters} &= (45 + 40 + 1) + (73 + 88 + 9) + (51 + 47 + 5) + (56 + 51 + 8) = 474 \\ \text{The required percentage} &= 23 \times 100/474 = 4.85\% \end{aligned}$$

$$\begin{aligned} 24. (b) \quad \% \text{ more voters for Y as compared to X} &= (88 - 73) \times 100/73 = 1500/73 = 20.54\% \\ \text{So, the required value of A} &= 21\%. \end{aligned}$$

$$25. (c) \text{ The required percentage} = \frac{73 \times 100}{(73 + 45 + 51 + 56)} = \frac{7300}{225} = 32.44\% \approx 32\%$$

$$26. (a) \text{ As, Magazine is editing and planned by 'Editor'. Similarly, Drama is planned and edited by 'Director'.$$

$$\begin{array}{cccc} A & C & E & G \\ \downarrow +8 & \downarrow +8 & \downarrow +8 & \downarrow +8 \\ I & K & M & O \end{array}$$

Similarly,

$$\begin{array}{cccc} Q & S & U & W \\ \downarrow +8 & \downarrow +8 & \downarrow +8 & \downarrow +8 \\ Y & A & C & E \end{array}$$

So, option (c) is correct.

$$\begin{aligned} 28. (a) \quad \text{As } (12 + 1) \times 3 \\ &= 39; \text{ Similarly, } (15 + 1) \times 3 \\ &= 48 \end{aligned}$$

$$29. (b) \text{ All are the sources of light, except battery.}$$

$$\begin{array}{cccc} & -2 & & -2 & & -2 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ C & A; F & D; K & I \end{array}$$

So, option (d.) is the correct answer.

$$31. (d) \text{ All have a difference of 12, except } 42-29. \text{ So, option (d) is correct.}$$

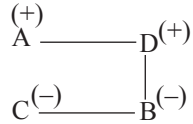
$$32. (d) \text{ The correct order of words as per the dictionary is as follows-} \\ \text{Scarf} > \text{Scene} > \text{Shell} > \text{Stream} > \text{Survey}$$

33. (a) $\begin{matrix} D & C & B & H & G & F & L & K & J \\ \downarrow +4 & \downarrow +4 & \downarrow +4 & \downarrow +4 & \downarrow +4 & \downarrow +4 & \downarrow +4 & \downarrow +4 & \downarrow +4 \\ H & G & F & L & K & J & P & O & N \end{matrix}$

So, option (a.) is the correct answer.

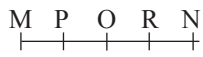
34. (a) The series is a perfect whole square of 2, 3, 4, 5 and 6.
So, the required answer = $(7)^2 = 49$

35. (b) A is the uncle of B;



Because, B & C are sisters. So, C is the niece of A.

36. (a) From the figure given below, we can see that O is the sitting in the middle of row.



37. (c) The given word does not contains the alphabet 'E'.
So, option (c) will be the right answer.

38. (a) From the place values of alphabets in alphabet series—
SUN = $19 + 21 + 14 = 54$; CAKE = $3 + 1 + 11 + 5 = 20$
MISTAKE = $13 + 9 + 19 + 20 + 1 + 11 + 5 = \boxed{78}$

39. (c) = $128 + 9 - 16 \times 4$

After interchanging the signs—

$$= 128 \times 9 + 16 / 4$$

$$= 1152 + 4 = 1156$$

40. (d) $\begin{matrix} 6 & 2 & 9 & 6 & 2 & 9 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ 8 & 7 & 1 & 8 & 7 & 1 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ 4 & 1 & 3 & 1 & 4 & 3 \end{matrix}$

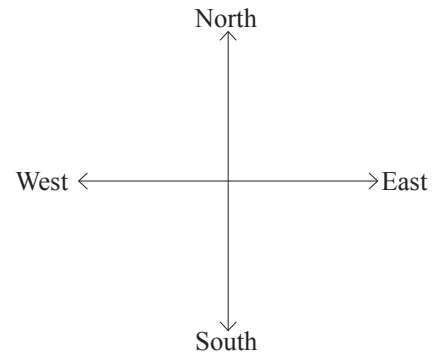
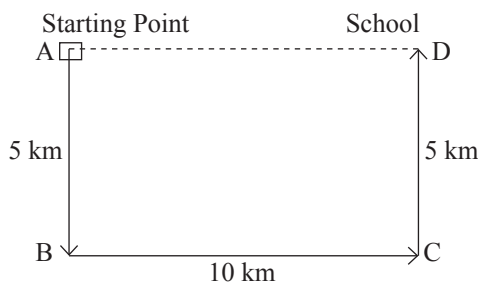
41. (c) The Pattern of Column is as :

$$9 \times 3 \times 3 = 81$$

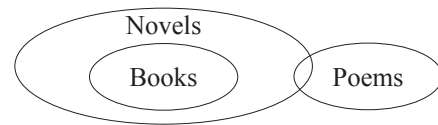
$$11 \times 4 \times 4 = 176$$

$$13 \times 7 \times 5 = \boxed{455}$$

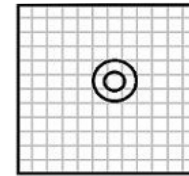
42. (b) It can be clearly seen that starting point is in the west direction of the school.



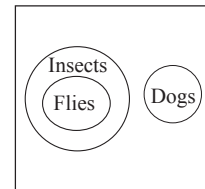
43. (b) From the following figure, we can see that some poems are novels. So, only conclusion II follows.



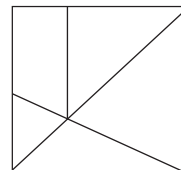
44. (b) After analyzing the figure, we can surely say that option (b) will be the right answer.



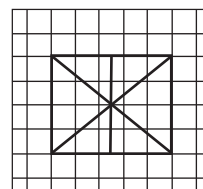
45. (b) Flies are insects. But dogs are dissimilar to this group.
So, option (b) will be the right answer.



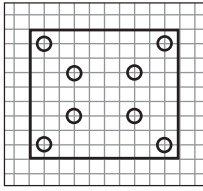
46. (b) The answer figure will be the reflection of the image given in the second quadrant. So, option (b) will be the right answer.



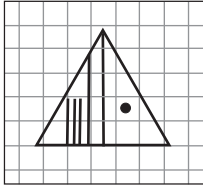
47. (b) Option (b) will be the right answer.



48. (a) By reversing the punching process, the right answer will be option (a).



49. (c) In mirror image, object is inverted by 180 degrees. So, option (c) is the correct answer.



50. (b) All the coding of the word SENT is—
 S = 03, 10, 22, 34, 41
 E = 01, 13, 20, 32, 44
 N = 58, 65, 77, 89, 96
 T = 59, 66, 78, 85, 97
 So, the correct answer will be option (b).
51. (d) Insolent: showing a rude and arrogant lack of respect.
 Rude: offensively impolite or bad-mannered.
 Distasteful: causing dislike or aversion; disagreeable or unpleasant.
 Impatient: having or showing a tendency to be quickly irritated or provoked.
 Diabolic: disgracefully bad or unpleasant.
 Hence, **option (d)** is the right answer choice.
52. (c) Virtue: behaviour showing high moral standards.
 Vice: immoral or wicked behaviour.
 Cunning: having or showing skill in achieving one's ends by deceit or evasion.
 Wiles: devious or cunning stratagems employed in manipulating or persuading someone to do what one wants.
 Curse: a solemn utterance intended to invoke a supernatural power to inflict harm or punishment on someone or something.
 Hence, **option (c)** is the right answer choice.
53. (b) The correctly spelt word is '**Tranquillity**'.
Tranquillity: the quality or state of being tranquil; calm.
 Hence, **option (b)** is the right answer choice.
54. (c) Here, error lies in part (C) of the sentence. 'of' will be used instead of 'for'. The correct sentence will be, '**Could she cite any precedent in support of her case?**'
 Hence, **option (c)** is the right answer choice.

55. (c) Here, the error lies in part (C). Use of 'about' is superfluous here and therefore, it should be removed to make the sentence grammatically correct and contextually meaningful. The correct sentence will be,

'The General Manager of the industry has felt that there is no use of discussing about the problems with the labourers.'

Hence, **option (c)** is the right answer choice.

56. (b) Here, the error lies in part (B). The sentence syntax is wrong in (B) fragment. It should be '**he was**' instead of '**was he**' to make the sentence grammatically correct and contextually meaningful. The correct sentence will be,

'She enquired from the stranger, who he was and what he wanted from her.'

Hence, **option (b)** is the right answer choice.

57. (a) The correct alternative to fill the blank is '**momentary**'.
 Thus, the sentence will be,
 We acted on a **momentary** impulse.

Momentary: lasting for a very short time; brief.

Momentous: of great importance or significance, especially in having a bearing on future events.

Memorable: worth remembering or easily remembered, especially because of being special or unusual.

Meritorious: deserving reward or praise.

Hence, **option (a)** is the right answer choice.

58. (d) The correct alternative to fill the blank is '**up**'. Thus, the sentence will be,

Do your best and we'll back you up'

Back up: provide support for someone or something.

Hence, **option (d)** is the right answer choice.

59. (b) The correct alternative to fill the blank is '**calls up**'.
 Thus, the sentence will be,

Sanjay **calls up** his mother in the morning every day.

Calls up: contact someone by phone.

Calls in: enlist someone's aid or services.

Calls off: cancel an event or agreement.

Calls down: to cause or entreat to descend

Hence, **option (b)** is the right answer choice.

60. (d) Put two and two together: Reason logically
 -To determine, guess, or infer something from the available evidence, especially something that is very obvious or easy to guess.
 - to figure something out from the information available.

'I think he put two and two together and realized that John had been stealing from him this whole time.'

Hence, **option (d)** is the right answer choice.

61. (d) An axe to grind: Have a selfish interest

-A selfish aim or motive, as in

'The article criticized the new software, but the author had an axe to grind, as its manufacturer had fired his son.'

Hence, **option (d)** is the right answer choice.

62. (c) Pick to pieces: Analyse critically

-To make an effort to find flaws or negative aspects in something through excessive analysis or criticism.

'Every time I show my brother one of my stories, he just picks it to pieces without saying anything that he liked about it.'

Hence, **option (c)** is the right answer choice.

63. (b) A person who lays too much stress on bookish-learning: Pedant

Pervert: a person whose sexual behaviour is regarded as abnormal and unacceptable.

Philosopher: a person engaged or learned in philosophy, especially as an academic discipline.

Scholar: a specialist in a particular branch of study, especially the humanities.

Hence, **option (b)** is the right answer choice.

64. (a) Postponement or delay permitted in the suffering of a penalty or the discharge of an obligation: Respite

Spire: a slender tapering blade or stalk

Splurge: an act of spending money freely or extravagantly.

Scourge: a person or thing that causes great trouble or suffering.

Hence, **option (a)** is the right answer choice.

65. (d) Deviation from the right course: Aberration

Imagination: the faculty or action of forming new ideas, or images or concepts of external objects not present to the senses.

Amalgamation: the action, process, or result of combining or uniting.

Illumination: lighting or light.

Hence, **option (d)** is the right answer choice.

66. (b) The correct replacement for the underlined parts **'each hour'** is **'an hour'**. The correct sentence will be, **'He likes to drive his car at a speed of eighty kilometers an hour.'**

Hence, **option (b)** is the right answer choice.

67. (a) **'Invective'** will be used instead of **'argument'**. The correct sentence will be,

'His invective against his opponent duly brought jeers from the crowd.'

Invective: insulting, abusive, or highly critical language.

Argument: an exchange of diverging or opposite views, typically a heated or angry one.

Praise: express warm approval or admiration of.

Controversy: prolonged public disagreement or heated discussion.

Hence, **option (a)** is the right answer choice.

68. (d) The sentence is grammatically correct. Since there is no error in any part of the sentence, there is no improvement required. Hence, **option (d)** is the right answer choice.

69. (b) The correct replacement of the underlined part is **'own'** but it is not used as verb. The correct sentence will be,

'I am staying with friends who own a farm.'

Hence, **option (b)** is the right answer choice.

70. (a) The correct replacement of the underlined part is, **'give you some advice'**. The correct sentence will be, **'An old friend, May I give you some advice.'**

Hence, **option (a)** is the right answer choice.

71. (b) The Alaskan pipeline ends at a seaport village. Refer to the first paragraph, the hint can be drawn from the lines, **"The Alaska pipeline starts at the frozen edge of the Arctic Ocean. It stretches southward across the largest and northernmost state in the United States, ending at a remote ice-free seaport village nearly 800 miles from where it begins."**

Hence, **option (b)** is the right answer choice.

72. (c) The capacity of Alaskan pipeline is 84 million gallons of crude oil. Refer to the first paragraph, the hint can be drawn from the lines, **'The pipe is 4 feet in diameter, and up to 2 million barrels (or 84 million gallons) of crude oil can be pumped through it daily.'**

Hence, **option (c)** is the right answer choice.

73. (d) Bents are H-shaped steel racks. Refer to the given passage, the hint can be drawn from the lines, **"Resting on H-shaped steel racks called "bents", long sections of the pipeline follow a zigzag course high above the frozen earth."**

Hence, **option (d)** is the right answer choice.

74. (a) 8 major oil companies joined hands to share the cost of pipeline construction. Refer to the given passage, the hint can be drawn from the lines, **“In fact, no single business could raise that much money, so 8 major oil companies formed a consortium in order to share the costs. Each company controlled oil rights to particular shares of land in the oil fields and paid into the pipeline-construction fund according to the size of its holdings.”**

Hence, **option (a)** is the right answer choice.

75. (c) Construction of the pipeline didn't face lack of funds. Refer to the given passage, the hint can be drawn from the lines, **“One of the largest in the world,**

the pipeline cost approximately \$8 billion and is by far the biggest and most expensive construction project ever undertaken by private industry. In fact, no single business could raise that much money, so 8 major oil companies formed a consortium in order to share the costs.”

Hence, **option (c)** is the right answer choice.

76. (e) 77. (d) 78. (a) 79. (d) 80. (e) 81. (a)
82. (b) 83. (d) 84. (e) 85. (e) 86. (e) 87. (a)
88. (e) 89. (c) 90. (b) 91. (c) 92. (d) 93. (e)
94. (e) 95. (e) 96. (e) 97. (e) 98. (a) 99. (e)
100. (d)

