Practice Set-8

Arun travels 8 km towards the North, turns left and travels 3 km and then again turns,

taking a left turn. It finally takes a left turn, runs

15 km and stops at point 'T'.

right and covers another 4 km and then turns right and travels another 3 km. How far is he

Part—I General Intelligence

(A) 4

(C) 12

(B) 8

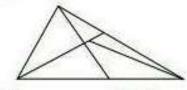
(D) 10

1.	. AZBZ:CYDY::EXFX:?		from the starting point ?					
	(A) GWHW	(B) IVJW	(A) 11 km (B) 12 km					
	(C) HWIW	(D) FWFV	(C) 15 km (D) 18 km					
2.	QYGO:SAIQ::	UCKS:?	10. What should come in place of question mark					
	(A) WEMU	(B) WDMV	(?).					
	(C) WDLU	(D) VENU	5, 7, 11, 2, 35, 67					
3.	ww_x_x_yyz	2_	(A) 17 (B) 19					
	(A) wxx	(B) wxyz	(C) 20 (D) 21					
	(C) x w z w	(D) w z x y	11. Which one of the following is different from					
4.	m_n m_n - a n_a_ma_		the other three ?					
			cube) Appleannel (B) Mango					
	(C) aammnn	(D) amammn	(C) Watermelon (D) Guava					
5.	daughter C who	D and sister of B. B has a is married to F. G is the v is G related to D? (B) Son	12. If in a code PREMIER is written as XOILSIO, ANTAGONISE is written as MQNMZB- QSXI, then how can REPORT be written in the same code?					
	(C) Father	(D) Uncle	(A) OIXBMN (B) OIXBON					
6.	9 10	11	(C) OIQBOM (D) QIXBOZ					
	5 7	8	13. Which one of the following is different from					
	19 22	?	the other three ?					
	(A) 25	(B) 24	(A) 20-10 (B) 15-12					
	(C) 19	(D) 41	(C) 30-18 (D) 45-27					
7.	Some equation are solved on the basis of certain system. Find out the correct answer for the unsolved equation on that basis $2 \times 3 \times 7 = 4949$, $5 \times 9 \times 4 = 258116$, $4 \times 6 \times 8 = ?$		 How many 9's are there in the number series which are followed by 2 or 3 or 4 or 5 ? 9392949595920909293949596999894929394 					
	(A) 16128	(B) 81216	9596999899999293					
	(C) 162432	(D) 163664	(A) 12 (B) 10					
8.	A solid red coloured cube is painted yellow		(C) 18 (D) 16					
on all sides. The cube is cut into 125 equal cubes. How many sides will have 3 sides yellow?			Directions—(Q. 15-16) A Bus starts from point 'S' and runs 10 km towards North. It takes a right turn and run 15 km. It now runs 6 km after					

- 15. How far is point 'T' with respect to point 24. How many such pairs of digits are there in the 'S' ?
 - (A) 15 km
- (B) 16 km
- (C) 20 km
- (D) 25 km
- 16. Towards which direction was the vehicle moving before it stopped point 'T' ?
 - (A) West
- (B) South
- (C) North
- (D) East
- 17. Given the 25th February 2008 is Monday, what day is 2nd March of 2008?
 - (A) Tuesday
- (B) Saturday
- (C) Sunday
- (D) Monday
- 18. Age of Nareen is equal to Naveen as they are twins. Nakul is younger than Nareen. Priyanka is younger than Balaji but elder than Naveen. Who is the eldest of all ?
 - (A) Nareen
- (B) Balaji
- (C) Nakul
- (D) Naveen
- 19. Given interchanges : signs '+' and '-' number 8 and 10-
 - (A) 8 10 + 6 = 12 (B) 10 8 + 7 = 4

- 20. Cause and effect relationship : RACE : FATIGUE-
 - (A) TRACK: ATHLETE
 - (B) ANT: BUG
 - (C) FAST: HUNGER
 - (D) WALKING : RUNNING
- 21. Grammatical Relationship : RESTORE : CLIMB-
 - (A) INTO: NYMPH
 - (B) PRECIPICE: ALTHOUGH
 - (C) SEGREGATION: SEEM
 - (D) OVERPOWER SETHE
- 22. Numerical relationship 4: 12-
 - (A) 10:16
- (B) 3:4
- (C) 9:27
- (D) 12:6
- 23. Which of the following is wrongly matched?
 - (A) Red Fort, Delhi
 - (B) Great Wall of China, China
 - (C) Humayun Tomb. Delhi
 - (D) White House, Moscow

- number 95137248 each of which has as many digit between them in the number as when they are arranged in ascending order ?
 - (A) One
- (B) Two
- (C) Three
- (D) None
- 25. How many triangle are there in the adjoining figure?



- (A) 12
- (B) 10
- (C) 6
- (D) 11

Directions - (O. 26-28) Select the related word/letters/number from the given alternatives.

- 26. CAT: 21:: DOG: ?
 - (A) 23
- (B) 24
- (C) 25
- (D) 26
- 27. Painting: Art :: ?: Dance
 - (A) Meerabai
- (B) Function
- (C) 10+8-9=16 (B) 90+8-3=901tub(C) Kathaknnel(D) Tabla
 - 28. ADIP : DGLS : : BEJQ : 2
 - (A) EHMT
- (B) EJQU
- (C) CGLS
- (D) FINU
- 29. Find the missing number

10. 12.9, 13.8, 2.7

- (A) 11
- (B) 7
- (C) 14
- (D) 12

Directions - (Q. 30-32) Find the odd number/ letters/word from the given alternatives.

- 30. (A) Heart
- (B) Kidney
- (C) Spleen
- (D) Liver
- 31. (A) ACEG
- (B) MOOS
- (C) GHJL
- (D) RTVX
- 32. (A) I
- (B) 2
- (C) 3
- (D) 4
- 33. Arrange the following in dictionary order. Then which will be the third word?
 - Particular
- Particle
- 3. Participate
- 4. Partiality
- (A) 2
- (B) 3
- (C) 4
- (D) I

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- 34. If D is the daughter of A, D is the sister of M and A's brother is C, how are C and M related?
 - (A) Mother and Daughter
 - (B) Uncle and Niece
 - (C) Father and Daughter
 - (D) Aunt and Niece
- 35. From the given alternative words, select the word which cannot be formed using the letters of the given word—

INTERDEPENDENCE

- (A) DEPENDENT
- (B) INTEND
- (C) INCENT
- (D) INCIDENT
- If RATE is written as SBUF, then FIRE can be written as—
 - (A) HJSF
- (B) GJSF
- (C) GJFS
- (D) JGSF
- 37. Which one of the given responses can be inserted to make a meaningful word?

- (A) TE
- (C) FE (D) A

Directions—(Q. 38–40) A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

- 38, 10, 11, 14, 23, 50, 2
 - (A) 110
- (B) 104
- (C) 70
- (D) 131
- 39. 15, 20, 30, 7, 65
 - (A) 40
- (B) 45
- (C) 50
- (D) 60
- 40, 37, 32, 26, 19, 2
 - (A) 10
- (B) 11
- (C) 12
- (D) 13
- Identify the correct response from the given following symbols—

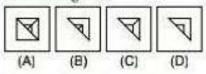
$$2(27*3)*30*30*18$$

- (A) + = +
- (B) x + +=
- (C) +-+=
- (D) ++-=
- 42. Which answer figure will complete the pattern in the question figure ?

Question Figure



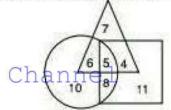
Answer Figures



43. Find out the number of triangles with dots-



- (A) 5
- (C) 10
- (B) 8 (D) 16
- In the following diagram, the circle represents Cricket players, the triangle represents Hockey

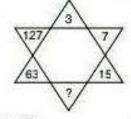


players and the square represents Football players. How many play both Football and Hockey?

- (A) 7
- (B) 9
- (C) 11
- (D) 4

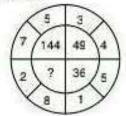
Directions—(Q. 45–46) Select the missing number from the given responses—

45.



- (A) 37
- (B) 35
- (C) 31
- (D) 29

46.

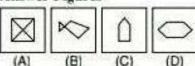


- (A) 100
- (B) 81
- (C) 64
- (D) 121
- 47. Which of the answer figure is embedded in the question figure?

Question Figure

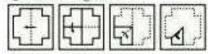


Answer Figures

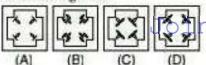


48. A square piece of paper with its corners cut is folded as shown below. From the given responses, indicate how it will appear when opened?

Question Figures



Answer Figures

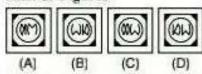


49. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

Question Figure



Answer Figures



50. 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., 'S' can be represented by 03.

44, etc., and 'R' can be represented by 69, 78 etc. Similarly, you have to identify the set for the word 'PUPIL'.

Matrix I

	0	1	2	3	4
0	P	U	L	S	E
1	U	L	S	E	P
2	L.	S	E	P	U
3	S	E	P	U	L
4	Е	P	U	L	S

Matrix II

	5	6	7	8	9
5	R	Α	D	1	0
6	Α	D	1	0	R
7	D	1	0	R	A
8	1	0	R	A	D
9	0	R	A	D	1

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(A) As,

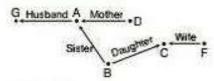
- (B) 32, 85, 23, 76, 12
- (C) 23, 33, 41, 58, 90
- (D) 41, 33, 32, 85, 43

Answers with Explanations

Same as, E X F X
$$\begin{vmatrix}
 & 1 & 1 & 1 \\
 & V & D & Y
\end{vmatrix}$$
Same as, E X F X
$$\begin{vmatrix}
 & +2 & -1 & +2 & -1 \\
 & G & W & H & W
\end{vmatrix}$$
2. (A) As, Q Y G O
$$\begin{vmatrix}
 & +2 & +2 & +2 \\
 & S & A & I & Q
\end{vmatrix}$$
Same as, U C K S
$$\begin{vmatrix}
 & +2 & +2 & +2 \\
 & +2 & +2 & +2
\end{vmatrix}$$
W E M U

- 3. (B) www/xxx/yyy/zzz
- 4. (C) man/man/man/man/man

5. (C) From relation diagram-



Hence, G is D's father.

6. (B) As,
$$9+5+5=19$$

and $10+7+5=22$
Same as, $11+8+5=24$

$$2 \times 3 \times 7 \Rightarrow (2)^{2} (3)^{2} (7)^{2}$$

= 4949
and $5 \times 9 \times 4 \Rightarrow (5)^{2} (9)^{2} (4)^{2}$
= 258116

Same as.

$$4 \times 6 \times 8 \Rightarrow (4)^2 (6)^2 (8)^2$$

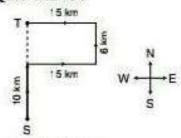
= 163664

8. (B) Eight corners cube will have three sides yellow colour.

13. (A) In rest both the numbers are divisible by 3.

14. (C)

For Q. 15 and 16:



15. (B) .: Required distance

$$TS = (10 + 6) \text{ km}$$

= 16 km

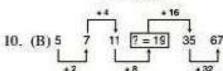
(A) The vehicle was moving in west direction.

18. (B) Balaji > Priyanka > Nareen

= Naveen > Nakul



$$\therefore$$
 AB = (8 + 4) km
= 12 km



(C) Rest are same size.

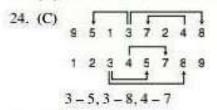
8 + 10 - 6 = 18 - 6

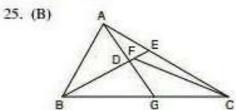
- 20. (C) As, 'RACE' is related with 'FATIGUE'. Same as, 'FAST' is related with 'HUNGER'.
- (C) As, 'RESTORE' is related with 'CLIMB'. Same as 'SEGREGATION' is related with 'SEEM'.

22. (C) As,
$$4 \times 3 = 12$$

Same as, $9 \times 3 = 27$

23. (D) 'White House' is in New York.





Required number of triangles

- 26. (A) CAT:21::DOG:23
- (B) Painting is a part of Art and Dance is a part of function.

28. (A) A
$$\xrightarrow{+2}$$
 D B $\xrightarrow{+2}$ E
D $\xrightarrow{+2}$ G \therefore E $\xrightarrow{+2}$ H
I $\xrightarrow{+2}$ L J $\xrightarrow{+2}$ M
P $\xrightarrow{+2}$ S O $\xrightarrow{+2}$ T

- 30. (C) 31. (C
- (D) 1, 2 and 3 are only divisible by themselves while 4 is divisible by 2 also.
- 33. (A) Partiality, Participate, Particle, Particular.
- 34. (B)
- 35. (D) 'INTERDEPENDENCE' does not contub tains two I's. Therefore, 'INCIDENT' word can't be formed.

36. (B)
$$R \xrightarrow{+1} S$$
 $F \xrightarrow{+1} G$
 $A \xrightarrow{+1} B \therefore I \xrightarrow{+1} J$
 $T \xrightarrow{+1} U$ $R \xrightarrow{+1} S$
 $E \xrightarrow{+1} F$ $E \xrightarrow{+1} F$

37. (B)

41. (D)

$$2(27 + 3) + 30 - 30 = 18$$

 $2(9) + 30 - 30 = 18$
 $18 + 30 - 30 = 18$
 $18 = 18$
L.H.S. = R.H.S.

45. (C)
$$3 \times 2 + 1 = 7$$

$$7 \times 2 + 1 = 15$$

$$63 \times 2 + 1 = 127$$

$$15 \times 2 + 1 = 31$$

$$46. (A) \quad (3 + 4)^2 = 49$$

$$(5 + 1)^2 = 36$$

$$(7 + 5)^2 = 144$$

$$(8 + 2)^2 = 100$$

$$47. (C) \quad 48. (D) \quad 49. (A) \quad 50. (D)$$

Part—II English Language

Directions—(Q. 1-3) In each of the following questions a bold printed part of the sentence may have an error. The sentence may be made meaningful and correct by replacing the bold printed part with one of the given alternatives (A), (B), (C) and (D). The number of that alternative is the answer.

- Shapes of gods and goddesses are worshipped by people?
 - (A) Images (B) Reflections (C) Clay shapes
- We cannot always convey ourselves in simple sentences—
 - (A) cannot always convey
 - (B) can not always express
 - (C) cannot always express
 - (D) No correction required
- One of most significant phenomenons of our time has been the development of the cinema—
 - (A) phenomenon
 - (B) phenomena
 - (C) phenomenonna
 - (D) No correction required

Directions—(Q. 4–5) Some proverbs idioms are given below with their meanings. Choose the correct meaning of the proverb/idiom.

- 4. To catch a tarter-
 - (A) To trap wanted criminal with great difficulty
 - (B) To catch a dangerous person
 - (C) To meet with disaster
 - (D) To deal with a person who is more than one's watch

- 5. To be above board-
 - (A) To have a good height
 - (B) To be honest in any business deal
 - (C) To have no debts
 - (D) To try to be beautiful

Directions—(Q. 6-7) In questions given below, out of the four alternatives, choose the one which can be substituted for the given words/ sentences—

- 6. One who is fond of fighting-
 - (A) Bellicose
- (B) Aggressive
- (C) Belligerent
- (D) Militant
- Tending to move away from the centre or axis—
 - (A) Centrifugal
- (B) Centripetal
- (C) Axiomatic
- (D) Awry

Directions—(Q. 8-12) In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, four words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Studies of cognitive development have shown that the child's ability to use generalised ...(8)... develops more slowly in history than in any other school subjects. This typical development of reasoning in historical ...(9)... makes it necessary for the historian to focus upon events that may be included in the text. In many cases, the historian may need to ...(10)... with special effort a generalised understanding of key concepts to be used in reference. This ...(11)... may well mean that school history cannot cover as many events as it does at present. Also, school histories may have to provide for topic work or theme-based description rather than merely observe ...(12)... conformity.

- 8. (A) tasks
- (B) concept
- (C) procedures
- (D) theories
- 9. (A) chronology
- (B) arena
- (C) perspective
- (D) conformity
- 10. (A) tackle
- (B) grapple
- (C) provide
- (D) deliver
- II. (A) necessity
- (B) requirement
- (C) understanding
- (D) rationale

- 12. (A) internal
- (B) metaphorical
- (C) eternal
- (D) chronological

Directions—(Q. 13-17) Sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four.

- The computer nonsense because there was a mistake in the programming.
 - (A) produces
- (B) produced
- (C) will produce
- (D) produce
- 14. That farmer may be old but he is......
 - (A) less energetic
- (B) more energetic
- (C) most energetic
- (D) energetic
- The monitor takes care the class the absence of the teacher.
 - (A) in; at
- (B) of; in
- (C) during; in
- (D) of; for
- When he saw the fish swimming the river, he was extremely happy.
 - (A) on
- (B) besides
- ub (C) i Channel (D) at
- The truck was when the bus rammed into it.
 - (A) stationery
- (B) machinary
- (C) machinery
- (D) stationary

Directions—(Q. 18-20) Out of the four alternatives, choose the one which best expresses the meaning of the given word.

- 18. Right
 - (A) Correct
- (B) Marked
- (C) Straight
- (D) Finished
- Apprehended
 - (A) Understood
- (B) Arrested
- (C) Feared
- (D) Questioned
- 20. Genuine
 - (A) Real
- (B) Unreal
- (C) Similar
- (D) False

Directions—(Q. 21–23) Choose the word opposite in meaning to the given word.

- 21. Guilty
 - (A) Good
- (B) Innocent
- (C) Ingenious
- (D) Foolish

- 22. Brutality
 - (A) Mercy
- (B) Bestiality
- (C) Cruelty
- (D) Humanity

- 23. Fat
 - (A) Clean
- (B) Mean
- (C) Weak
- (D) Lean

Directions—(Q. 24 and 25) Groups of four words are given. In each group, one word is correctly spelt. Find the correctly spelt word.

- 24. (A) Posibility
- (B) Possibility
- (C) Possiblity
- (D) Possebility
- 25. (A) Cuffe
- (B) Cough
- (C) Cuf
- (D) Kough

Directions—(Q. 26—40) Read the following passage carefully and answer the questions given below it. Certain words/phrases/sentences have been printed in **bold**/italics to help you locate them while answering some of the questions.

"The best man in the whole tribe is Manute the brave", everyone would say. You could see for yourself, at any time of the day, just how brave he was. He would jump to the ground from amazing heights, he would fight poisonous shakes, he would catch scorpions with his bare hands, and could cut the palm of his own hand with a knife-without even a flinch. They said the exact opposite about Pontoma. No one had seen him catch even a monkey.

One day, they happened upon each other in the forest, and Manute was showing Pontoma a coral snake he had just caught, when there began a downpour, the likes of which no one had ever seen. The both ran to shelter themselves under some thick foliage, and there they stayed until the rain had stopped.

However, when they were about to leave the shelter, they heard the roar of a tiger, at a distance of only a couple of metres. The foliage was very thick and dense, and the tiger wouldn't be able to get through it to attack them. However, the tiger was almost at the entrance hole. If it happened to come in and find the two tribesmen there, they certainly wouldn't get out alive. Manute was getting restless. He wanted to get out of that tight hole, and confront the tiger in open space, where he could fully use his great hunting skills. Pontoma was gesturing at him to keep still and be quiet, but Manute, tired of being stuck with a coward, leapt out of the thicket, surprising the tiger.

The tiger suffered a couple of deep wounds, but soon recovered and hurt Manute with two swipes of its paw, throwing him to the ground. The tiger took the initiative, and leapt upon Manute, but Manute's spear, in the hands of Pontoma, interrupted the tiger's attack. The tiger turned away, wounded, but the spear moved as fast as a beam of light, and with incredible precision, hurting the animal again and again, until it fell to the ground, lifeless.

Manute, shocked, and bleeding freely from his injuries, witnessed all his while lying flat on his back on the ground. Never before had he seen anyone take on a tiger, and use the spear with such calmness and strength, as he had seen Pontoma do just now. Neither of them said a thing. Manute's grateful expression needed no words to be understood. Nor did they need words to know about Pontoma's wounded hand, or the fact that they were leaving a tiger skin there in the forest.

From that day on, people gradually remarked less on Manute's braveness. They thought may be he was less courageous than before. The strangest thing was that they now noticed that Manute's old spear was among Pontoma's things. But Manute just smiled, and remembered the day he learned that true bravery lay not in seeking out danger, but in controlling one's fear when danger crosses your path.

- 26. What did Manute learn from Pontoma?
 - (A) That to be brave, one needs to have friends around who can help in times of crisis
 - (B) That to be brave, one needs to keep on practicing all the time
 - (C) That to be brave, one needs to face his fear in times of danger
 - (D) That to be brave, one needs to know how to use the spear effectively
 - (E) That to be brave, one needs to look for danger all the time
- 27. Which of the following is false in the context of the story ?
 - (A) Manute was grateful to Pontoma for saving him from the clutches of the tiger
 - (B) Manute did manage to inflict a few deep wounds on the tiger
 - (C) Pontoma came out unscathed from the fight with the tiger

- (D) In the fight that ensued, the tiger had injured Manute
- (E) Pontoma saved Manute's life
- 28. How did Manute's old spear possibly come in Pontoma's possession?
 - (A) Manute did not want the spear anymore as it was old and had given it to Pontoma
 - (B) Everyone had insisted that Pontoma keep the spear as he had faced the tiger bravely
 - (C) Pontoma and Manute were best of friends and shared all their things
 - (D) Pontoma had used the spear to attack the tiger and it remained with him
 - (E) Pontoma had liked the spear and had asked Manute to lend it to him
- 29. "or the fact that they were leaving a tiger skin there in the forest." What event in the story does this line signify?
 - (A) The bravery of Manute
 - (B) The start of the enmity between Manute and Pontoma
 - (C) The death of the tiger
 - (D) The loss incurred by Manute an Pontoma_
 - (E) The littering in the forest
- 30. What did Manute and Pontoma do when it started raining?
 - (A) They got wet and ran towards their respective homes
 - (B) They decided to share stories of bravery with each other
 - (C) They decided to attack a tiger in the forest to pass their time
 - (D) They took shelter in dense foliage till the rain stopped
 - (E) They looked at coral snakes till the rain stopped
- 31. Which of the following characteristics can be attributed to Pontoma from the story?
 - (1) Humble
 - (2) Courageous
 - (3) Talkative
 - (A) Only (1) and (3)
 - (B) Only (1)
 - (C) All (1), (2) and (3)
 - (D) Only (3)
 - (E) Only (1) and (2)

- 32. Which of the following can be the most appropriate title for the passage/story?
 - (A) The Life In A Jungle
 - (B) The Friendship Between Manute and Pontoma
 - (C) Manute's Antics
 - (D) The Silent Brave Man
 - (E) The Tiger and Manute
- 33. "You could see for yourself, at any time of the day, just how brave he was. He would jump to the ground from amazing heights, he would fight poisonous snakes, he would catch scorpions with his bare hands, and could cut the palm of his own hand with a knife-without even a flinch." What aspect of Manute's personality does this sentence portray?
 - (A) Boastfulness
- (B) Helpfulness
- (C) Laziness
- (D) Cheerfulness
- (E) Peacefulness
- 34. "He wanted to get out of that tight hole, and confront the tiger in open space, where he could fully use his great hunting skills." How can this sentence be best reframed without changing its meaning?
 - (A) Being stuck in a hiding place, he wanted the tiger to tackle him as he was good at hunting
 - (B) Tackling the tiger, he wanted to hone his hunting skills by coming out of his hiding place
 - (C) Being stuck in a hiding place, he wanted to tackle the tiger for his hunting skills
 - (D) The tiger possessing good hunting skills, wanted him to come out of his hiding place and tackle him
 - (E) Being good at hunting, he wanted to tackle the tiger by coming out of his hiding place
- 35. Which of the following characteristics can be attributed to Manute from the story?
 - (1) Energetic
 - (2) Evil
 - (3) Coward
 - (A) Only (2)
 - (B) Only (1)
 - (C) Only (1) and (2)

- (D) Only (2) and (3)
- (E) All (1), (2) and (3)

Directions—(Q. 36-38) Choose the word/ group of words which is most similar in meaning to the word/ group of words printed in **bold** as used in the passage.

36. TAKE ON

- (A) Ride
- (B) Fight
- (C) Convince
- (D) Buy
- (E) Lift

37. LIFELESS

- (A) Dead
- (B) Tired
- (C) Unconscious
- (D) Weak
- (E) Alive

38. STAYED

- (A) Resided
- (B) Remained
- (C) Continued
- (D) Lived
- (E) Slept

Directions—(Q. 39 and 40) Choose the word/ group of words which is **most opposite** in meaning to the word/group of words printed in **bold** as usedin the passage.

39. CALMNESS

- (A) Tranquility
- (B) Arrogance
- (C) Turbulence
- (D) Expertise
- (E) Anxiety

40. DENSE

- (A) Sparse
- (B) Dark
- (C) Thick
- (D) Bright
- (E) Flimsy

Directions—(Q. 41–45) In each of the following questions, a sentence/s contain/s a blank space. You have to choose from the options (A), (B), (C), (D) and (E) and fill in the blank in such a manner that it completes the sentence/s in the most meaningful and grammatically appropriate manner.

- The Manager realized that the clerk had forgotten to do his job and thus for the loss to the Company.
 - (A) knew about
- (B) created
- (C) hold guilty
- (D) was responsible
- (E) makes up

- His vision is very poor but he refuses to do anything about it. before he loses his eye-sight completely.
 - (A) It is swiftly
 - (B) It won't be long
 - (C) Not soon
 - (D) He will very quickly
 - (E) It is time
- 43. having worked really hard in office, Vilas did not get the much expected promotion.
 - (A) Inspite of
- (B) On
- (C) Since
- (D) Despite of
- (E) Besides
- 44. Tonight's game was because of the
 - (A) struck of
- (B) called off
- (C) winning
- (D) played
- (E) cancelled
- 45. Riya did not care about me at all, I knew this as she had not even when I told her that I had failed in the exams.
 - (A) console me
- (B) outspoken
- (C) seen me
- (D) closed her eyes
- (E) batted an eyelid

Directions—(Q. 46-50) In each of the following questions a short story is given with one of the lines in the story missing and represented by a blank. Select the best out of the five answer choices given to make the story complete and coherent.

46. An elderly carpenter told his employer-contractor of his plans to retire from the housebuilding business to live a more leisurely life with his wife and enjoy his extended family. The contractor was sorry to see his good worker go and asked if he could build just one more house as a personal favour. The carpenter said ves, but overtime it was easy to see that his heart was not in his work. He resorted to shoddy workmanship and used inferior materials. When the carpenter finished his work, his employer came to inspect the house and said. 'The carpenter was shocked ! What a shame! If he had only known he was building his own house, he would have done it all so differently.

- (A) "This house is going to collapse in no time.
- (B) "You have done a remarkable job.
- (C) "This is year house, my gift to yee.
- (D) "What a had job you have done!
- (E) "I wanted to gift this herase to ray relative.
- 47. Once a boy who wanted to buy a puppy west. to a stone, "Mister," he said to the owner, "I wast to buy one of year puppies." The owner called all the puppies outside with a whistle. Out from the deglooms and to the fence ranfour little balls of fur. Slowly another little ball appeared: this one noticeably smaller. Then it a semewhat awkward manner the little pup bugge hobbling toward the others. doing its best to catch up. the little boy said, pointing to the num. The owner kneft down at the boy's side and said. "Son. you don't want that puppy. He will never be able to men and play with you like these other dogs would." With that the little boy reached down, rolled up one leg of his trousers and revealed a steel brace running down both made shoe. Looking back up at the owner, he said. "You see ur. I doe't run too well myself, and he will need someone who understanch.
 - (A) "I want that one
 - (B) "What is that ?
 - (C) "That pup is so caply
 - (D) "Is that puppy injured?
 - (E) "I like the pups which came earlier
- 48. A selffish fex once invited a stork to dirrer at his home in a hollow tree. On arrival at the fex's home, the stork was served soop in a shallow bowl. The fex licked up all his soop very quickly. However, the stork could not have any of it as the howl was too shallow for her long heak. The poor stock just smiled politely and stayed lungry. The stork then invited the fex over to his home for dinner. The next day, when the fex arrived at the stork's home, he saw that they were also having soup for dinner. This time it was his turn to go hungry.
 - (A) The stock drank the song easily but the fee could not reach inside the tall jug.

- (II) The fex overturned the tall jug and had his shore of the soup
- (C) The stork politicly pound all of the fex's soup into another shallow bowl for the fox to drink.
- (D) The fex could easily reach into the tall ing.
- (E) The firs felt guilty about the way he had treated the work.
- 49. A man punished his three year old daughter for washing a roll of gold weapping paper. Mossey was tight and he became infortated when the child tried to decerate a bes to gut ander the Christmas tree. Nevertheless, the laste gud brought the gift to her father the next morning and said, "This is for you, Daddy."

they said, petiting to the nam. The owner knell down at the bay's said and said. "Son, you don't want that puppy. He will never be able to may and play with you like these other down, rolled up one leg of his trousers and ravealed a steel brace manning down both sides of his leg attaching took for a *YOU't ub each of the petition of the sum and the beautiful down. They're all fer you, Dudoy. The father was trade slote. Looking buck up it the owner to

- (A) But was too excistic to actually spologise to his little girl
- (B) And opened the box to find a very levely giff inside
- (C) And wanted to make it upto her by praising the gift he had received
- (D) And decided to apologize to her
- (E) But his anger flanci again when he found out the box was empty.
- - (A) The monkey entertained everyone on the ship with his arties
 - (B) The ship was very stordy and could withstand strong guns of wind

- (C) When they were far out at sea, a terrible storm overtamed facir ship
- (D) The ship reacted the island
- (E) The mankey moked the skip and overnarrays! in

Answers with Explanations

- (A) 2. (II) 5. (A) 4. (II)
- 6. (A)
- 7. (A) Centrifugal is a force acting radially ourwords from the centre.
- 5. (C) U.(A) 10. (II) 11. (II) 22, (8)
- 13. (3) 14. (D) 15. (11) 16. (C) 17. (E)
- DE. CAL 20. (A) 21. (B) 22. (D) 19. (A)
- 27, (C) 23. (D) 24.(B) 25. (B) 26; (C)
- 28. (E)1-29.0CT 30, (D) 31. (E) 32, (D)
- 33. (A) 34.(E) 35. (B) 36. (B) 37. (A)
- 38. (B) 39. (C) 40, (A) 41_(D) 42. (B)
- 43. (A) 46. (C) 47. (A) 44.(\$) 45.(13)
- 48. (A) 49. (13) 50. (C)

Quantitative Aptitute

- Probability of genting a multiple of 2 on one dice and a multiple of 3 on the other dice. when both dice are thrown sirreltaneously is-
 - (A) A
- (C) 11 16
- 2. The area of a rectangular field is 15 times the sum of its length and breadth, If the length of that field is 40 metro, what is the breach's of that field ?
 - (A) 24 metre
- (B) 25 metre
- (C) 25 metre
- (ID) 32 metre
- 3. Find the measure of angle, if six times its complement is \$24 less than twice its supplements-
 - (A) 48°
- (B) 36*
- (C) 12*
- (D) 45*
- 4. The decircal representation of a rational ramber is-

- (A) Always terminating
- (II) Either terminating or repeating
- (C) Either terminiting or non repeating
- (D) Neither terminating nor repeating
- 5. Find the volume and surface area of a sphere of radius 21 cm respectively -
 - (A) 38808 cm² and 5544 cm²
 - (II) 300008 cm² and 5544 cm²
 - (C) 500000 cm2 and 5454 cm2
 - (D) 38818 cm² and 4455 cm².
- 6. One acute angle of a right angled triangle is double the other. If the length of its hypoterume is 10 cm, then its area is-
 - (A) 75 cm² (8) 25 cm²
 - (C) $\frac{25}{3}\sqrt{3}$ cm² (D) None of these
- 7. The average marks obtained by 20 students is 45. The average of first ten is 50 and of last 9 is 41. What are the marks obtained by the 11th student?

- If the side of a cube is decreased by 10%, the percentage decrease in the volume of the cube. is-
 - (A) 72.9%
- (B) 10%
- (C) 19%
- (D) 27-1%
- 9. How much is the consumption wattage of a TV which when used 2 hr, a day for 30 days is a morth, alongwith household gadgets consuming 5 units a day, aggregates a monthly consumption of 159 electrical units 5

(I tankt in 10000 want)

- (A) 100 watt
- (B) 200 wall
- (C) 150 watt
- (D) 25 wat
- A compact disc player when sold for Z 13.600. incurred a loss of 15 per cent. At what price should it have been sold to make a profit of 35 per cent on the cost ?
 - (A) ₹21,600
- (30) ₹ 30,400
- (C) € 19,600
- (D) None of these
- 11. A bas left with some definite number of passeagers. At the first step, half the passengers

left the bus and 35 boarded the bus. At the second stop $\frac{1}{5}$ th of the passengers left and 40

boarded the bus. Then, the bus moved with 80 passenger towards its destination without stopping anywhere. How many passengers were there originally?

- (A) 40
- (B) 30
- (C) 50
- (D) 60
- When three coins are tossed together, the probability that all coins have the same face is—
 - (A) $\frac{1}{4}$
- (B) $\frac{1}{6}$
- (C) $\frac{1}{3}$
- (D) None of these
- 13. Puneeta borrowed from Reena certain sum for two years at simple interest. Puneeta lent this sum to Venu at the same rate for two years compound interest. At the end of two years she received ₹ 110 as compound interest but paid ₹ 100 as simple interest. Find the sum and rate of interest—
 - (A) ₹ 250, rate 10% per annum
 - (B) ₹ 250, rate 20% per annum
 - (C) ₹250, rate 25% per annum
 - (D) None of these
- 14. 2000 soldiers in a fort had enough food for 20 days. But some soldiers were transferred to another fort and the food lasted for 25 days. How many soldiers were transferred?
 - (A) 400
- (B) 450
- (C) 525
- (D) 500
- The HCF and LCM of two numbers are 13 and 1989 respectively. If one of the numbers is 117, determine the other—
 - (A) 121
- (B) 131
- (C) 221
- (D) 231
- The difference between the length and breadth of a rectangle is 23 m. If its perimeter is 206 m, then its area is—
 - (A) 2520 m²
- (B) 2480 m²
- (C) 2420 m²
- (D) None of these
- Salaries of Akash, Babloo and Chintu are in the ratio of 2:3:5. If their salaries were increased by 15%. 10% and 20% respectively, what will be the new ratio of their salaries—

- (A) 3:3:10
- (B) 23:33:60
- (C) 20:22:40
- (D) None of these
- 18. If a runner takes as much time in running 20 metre as the car takes in covering 50 metre, the distance covered by the runner during the time the car covers 1 km is—
 - (A) 400 metre
- (B) 40 metre
- (C) 440 metre
- (D) None of these
- If a right circular cone of vertical height 24 cm has a volume of 1232 cm³, then the area of its curved surfaces—
 - (A) 550 cm
- (B) 625 cm
- (C) 675 cm
- (D) None of these
- these 20. For celebration of his birthday Ram goes to purchase sweets. He needs to buy a minimum of 300 pieces of rasgulla and 150 pieces of cream roll. Only pre-packed packets are available in the shop for these two items. These are economy pack and premium pack. Economy pack has 4 rasgulla and 1 cream roll costing ₹ 25 per pack and premium pack had 10 rasgulla and 7 cream roll costing ₹ 75 per packet. If he has to meet his requirement with the premium and economy packs, what is the minimum expenditure he has to incur?
 - (A) ₹1575
- (B) ₹2100
- (C) ₹2425
- (D) ₹ 2975
- A Shop owner gives a discount of 10% on the marked price of a radio, but in the bargain makes a profit of 10%. If the marked price is ₹330, the cost price is rupees—
 - (A) ₹297
- (B) ₹ 300
- (C) ₹315
- (D) ₹ 270
- The sum of three numbers is 57 and the ratio of 1st to 2nd is 3: 7 and 2nd to 3rd is 7: 9.
 The second number is—
 - (A) 21
- (B) 27
- (C) 18
- (D) 14
- 23. $\frac{189}{\sqrt{2}} = 1.89 -$
 - (A) 100
- (B) 1000
- (C) 10000
- (D) 100000
- $24, 0.12 \times 12 \times 0.012 = ?$
 - (A) 0.01688
- (B) 0.1728
- (C) 1.728
- (D) 0.01728

				SOUTH C			7.5		
25.	The difference bet	ween $\frac{3}{4}$ of 64 and $\frac{2}{3}$ of 48 is		nato	r and numera	or, the fraction becom	tes $\frac{1}{2}$		
	equal to-			The	fraction is-				
	(A) 24	(B) 20		(A)	13	(B) $\frac{3}{7}$			
	(C) 32	(D) 16			1				
26.	0.5 - 0.0036 = ?			(C)	11	(D) $\frac{7}{3}$			
	(A) 0.4964	(B) 0.4864	36.	If es	gs are bough	t at 10 for ₹ 8 and sol	dat 4		
	(C) 0.4854	(D) 0.4954			5, the busine				
27.	What per cent of 7	0 is 46 ¹ / ₅ ?		(A)	50% less	(B) $56\frac{1}{4}\%$ gain			
	(A) 63	(B) 65		(C)	51% gain	(D) 56 % loss			
	(C) 66	(D) 64	325	905	CONTRACTOR	4			
28.	The sales tax on the motorcycle is 8%. If the marked price of the motorcycle is ₹ 36000, the selling price including sales tax is—			125 metre is x% of 750 metre. The value of is—					
					26.66%	(B) 16·33%			
				35-250	16.66%	(D) 66-66%			
	(A) ₹38800	(B) ₹38880	38		A man sold an article for ₹ 560 and gained				
	(C) ₹37880	(D) ₹ 39880				e of the article was -			
29.	The sum of angles	of a rhombus is -		(A)	₹450	(B) ₹ 550			
	(A) 360°	(B) 180°		(C)	₹ 400	(D) ₹ 500			
	(C) 156°	(D) 356°	39.	The	number which	is not a perfect square	is-		
30.	The distance between stations A and B is 1692 km. A train starts from A on Thursday at 8.00 PM and reaches B on Saturday at 8.00 AM. The average speed of the train is—		uk 40.	(C) 451 (D) 361 The Arithmetic Mean of 13 observations in					
	(A) 47 kmph	(B) 37 kmph		14. If the Mean of 1st seven observations is 12 and that of last seven observations is 16, the 7th observation is—					
	(C) 67 kmph	(D) 57 kmph							
21	The ratio of 250 m			(A)	12	(B) 13			
24.	(A) I:3	(B) 1:6		(C)	24	(D) 14			
	(C) 1:8	(D) 1:9	41.		THE RESERVE OF THE PARTY OF THE	more them B's. How	much		
22				per e	cent is B's sala	ary less than A's ?			
34.	clock from 8.00 A	a minute hand of a wall M to 8.45 AM will be—		(A)	$33\frac{1}{4}\%$	(B) $33\frac{1}{3}\%$			
	(A) 180°	(B) 210°		(C)	$33\frac{1}{2}\%$	(D) 33%			
	(C) 120°	(D) 270°			on District Constitution	FOR THE PROPERTY OF THE PROPER			
33.	. 15 boys earn ₹ 900 in 5 days. The earning of 20 boys in 7 days will be—		42.	When a number is divided by 893, the remainder is 193. What will be the remainde when it is divided by 47?					
	(A) ₹ 1680	(B) ₹ 1600		(A)		(B) 5			
	(C) ₹ 1640	(D) ₹ 1660		(C)		(D) None of the	se		
34.	The value of $5^2 + 1$	12° × 11° is—	43	A fruit seller buys lemons at 2 for a rupee an					
	(A) 9	(B) 26	43.	sells them at 5 for three rupees. His gain pe					
	(C) II	(Ta) ()		near to					

(A) 10%

(C) 20%

35. The numerator of a fraction is 4 less than the

denominator. If I is added to both denomi-

(B) 15%

(D) 25%

44. If
$$x: y = 3:4$$
 then, $(7x + 3y): (7x - 3y)$ is equal to—

- (A) 5:2
- (B) 4:3
- (C) II:3
- (D) None of these

C:D = 2A:3B

then AC : BD is-

- (A) 20:38
- (B) 50: 147
- (C) 10:21
- (D) None of these

- (A) 18:24:30:35
- (B) 16:24:30:35
- (C) 16:22:30:35
- (D) None of these

47. The three numbers are in ratio of $\frac{1}{2}$: $\frac{2}{3}$: $\frac{3}{4}$.

The difference between the greatest and smallest numbers is 36. Find the numbers-

including x are 70 and the average marks

obtained by 14 students excluding x is 68.

- (A) 72, 84, 108
- (B) 60, 72, 96
- (C) 72, 96, 108
- (D) None of these

(D) None of these

48. The average marks obtained by 15 students LUSO (A) Charinel

- $= 88 \times 441$
- = 38808 cm3

$$S.A. = 4\pi r^2$$

$$= 4 \times \frac{22}{7} \times 21 \times 21$$

- $= 88 \times 63$
- $= 5544 \text{ cm}^2$

49. Number of diagonals in a 30 sided convex polygon will be-

What is the marks obtained by x-

(A) 405

(A) 78

(C) 88

(B) 955

(B) 98

- (C) 818
- (D) 378

- (A) 50 km
- (B) 100 km
- (C) 200 km
- (D) None of these

Answers with Explanations

- 1. (A) Total favourable outcomes:
 - (2, 3) (2, 6) (4, 3) (4, 6) (6, 3) (6, 6) = 6Total possible outcomes

$$= 6 \times 6 = 36$$

Probability =
$$\frac{6}{36} = \frac{1}{6}$$

2. (A)
$$l \times b = 15(l+b)$$

$$1 = 40$$

$$40 \times b = 15(40 + b)$$

$$40b = 600 + 15b$$

$$25b = 600$$

$$b = 24 \, \text{m}$$

3. (A) As per question,

$$6 (90^{\circ} - x) = 2 (180^{\circ} - x) - 12^{\circ}$$

$$540^{\circ} - 6x = 360^{\circ} - 2x - 12^{\circ}$$

$$4x = 192^{\circ}$$
$$x = \frac{192^{\circ}}{4}$$

$$= 48^{\circ}$$

4. (B)

$$= \frac{4}{3} \times \frac{22}{7} \times 21 \times 21 \times 21$$

$$S.A. = 4\pi r^2$$

$$= 4 \times \frac{22}{7} \times 21 \times 21$$

Let sides be 2x and x

By Pythagorean theorem.

$$(2x)^2 + x^2 = 10^2$$

$$4x^2 + x^2 = 100$$

$$5x^2 = 100$$

$$x = \sqrt{20}$$

$$2x = 2\sqrt{20}$$

Area =
$$\frac{1}{2} \times \sqrt{20} \times 2 \times \sqrt{20}$$

$$= 20 \text{ cm}^2$$

$$= \frac{10 \times 50 + x + 9 \times 40}{20}$$

$$45 = \frac{860 + x}{20}$$

$$x = 45 \times 20 - 860$$

$$= 40$$

8. (D) Let side be 10 cm

then $V = 10^3 = 1000 \text{ cm}^3$ when side decreased by 10%

Side = 9 cm

$$V = 9^3 = 729$$

% decrease in volume.

$$= \frac{(1000 - 729)}{1000} \times 100$$
$$= 27.1\%$$

$$30 \times 2 \times x + 5 \times 30 \times 1000$$

= 159×1000

60x + 150.000 = 159000

$$60x = 9000$$
 $x = \frac{9000}{60}$
 $x = \frac{9000}{60}$
 $x = \frac{9000}{60}$
 $x = \frac{9000}{60}$
 $x = \frac{16. (A)}{1-b}$
 $x = \frac{1-b}{206}$
 $x = \frac{1}{206}$
 $x = \frac{1}{206}$

10. (A) (100 - 15)% = 85%

$$135\% = \frac{13,600}{85} \times 135$$
$$= 21,600$$

11. (B) Let no. of passengers = x

At 1st stop =
$$\frac{x}{2} + 35$$

At 2nd stop = $\frac{4}{5} \left(\frac{x}{2} + 35 \right) + 40$
 $80 = \frac{2x}{5} + 28 + 40$
 $\frac{2x}{5} = 40 - 28$
 $x = 30$

12. (B) $\frac{\text{No. of favourable outcomes}}{\text{Total possible outcomes}} = \frac{1}{6}$

13. (B) S. I. for 2 years =
$$100$$

S. I. for 1 year = $\frac{100}{2}$ = 50

C. I. – S. I. =
$$110 - 100$$

= 10
Rate = $\frac{10}{50} \times 100$
= 20%
P = $\frac{S. I. \times 100}{R \times T}$
= $\frac{50 \times 100}{20 \times 1}$
= 250

14. (A) Let x soldiers be transferred then

$$2000 \times 20 = (2000 - x) \times 25$$

$$\frac{2000 \times 20}{25} = 2000 - x$$

$$x = 2000 - 1600$$

$$= 400$$

9. (C) Let consumption on TV = x watt/hr, then 15. (C) Second no. = $\frac{LCM \times HCF}{Ist No.}$

$$= \frac{1989 \times 13}{117}$$
$$= 221$$

16. (A)
$$l-b = 23$$
 ...(1)
ube Champe = 206
 $l+b = 103$...(2)

2l = 1261 = 63

Putting into (2)
$$63 + b = 103$$

$$b = 40$$

$$b = 40$$
Area = $l \times b$
= 63×40
= 2520 m^2

17. (B)

Current ratio = 2:3:5
New ratio =
$$\frac{2 \times 115}{100}$$
: $\frac{3 \times 110}{100}$: $\frac{5 \times 120}{100}$

18. (A) Runner: Car = 20:50 = 2:5

When car covers I km i.e., 1000 m

the runner will run =
$$\frac{1000}{5} \times 2$$

= 400 m

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19. (A)
$$\frac{1}{3} \pi r^2 h = 1232$$

$$\frac{1}{3} \times \frac{22}{7} \times r^2 \times 24 = 1232$$

$$r^2 = \frac{1232 \times 3 \times 2}{22 \times 24}$$

$$r^2 = 49$$

$$r = 7 \text{ cm}$$
Again. $t^2 = r^2 + h^2$

$$t^2 = 625$$

$$t = 25 \text{ cm}$$
Curved surface area = πrl

$$= \frac{27}{2} \times 7 \times 25$$

$$= 550 \text{ cm}^2$$
20. (B) 21. (D) 110% of C.P. = 90% of M.P.
$$\frac{110}{100} \times \text{C.P.} = \frac{90}{110} \times 330$$

$$\text{C.P.} = \frac{90}{110} \times 3$$

$$= \frac{450}{8}$$

$$= 56 \frac{1}{4}\%$$
37. (C) $750 \times \frac{x}{100} = 125$

$$x = \frac{125 \times 100}{750}$$

$$= \frac{50}{3} = 16.66\%$$
38. (D) $(100 + 12)\% = 112\%$

$$112\% \text{ of C.P.} = 560$$

$$\frac{112}{100} \times \text{C.P.} = 560$$

$$\text{C.P.} = \frac{560 \times 100}{112}$$

$$= 500$$
39. (C) $625 - 25^2$, $576 - 24^2$, $361 - 19^2$
 451 is not a perfect square
40. (D) 7th observation

40. (D) 7th observation = $(7 \times 12 + 7 \times 16) - 13 \times 14$ = $14 (6 + 8) - 13 \times 14$

= 14 × 1 = 14 41. (B) Required percentage

$$= \frac{50}{150} \times 100$$
$$= 33 \frac{1}{3}\%$$

42. (B)

893 is completely divisible by 47 Now.

Remainder = 5

43. (C) C. P. per lemon =
$$\frac{1}{2}$$

S. P. per lemon = $\frac{3}{5}$
Gain % = $\frac{\left(\frac{3}{5} - \frac{1}{2}\right)}{1/2} \times 100$
= $\frac{1}{10} \times \frac{2}{1} \times 100$

= 20%

44. (C)
$$x:y = 3:4$$

 $(7x+3y): (7x-3y)$
 $(7 \times 3 + 3 \times 4): (7 \times 3 - 3 \times 4)$
 $21 + 12: 21 - 12$
 $33:9 = 11:3$

45. (B) A:B = 5:7 C:D = 2A:3B AC:BD = $5 \times 2 \times 5:7 \times 3 \times 7$ = 50:147

46. (B) A: B = $(2:3) \times 4 = 8:12$ B: C = $(4:5) \times 3 = 12:15$ A: B: C = $(8:12:15) \times 6$ = 48:72:90C: D = $(6:7) \times 15$ = 90:105A: B: C: D = 48:72:90:105= 16:24:30:35

47. (C)
$$\frac{1}{2}: \frac{2}{3}: \frac{3}{4}$$

6:8:9
9-6 = 3
ube $\frac{3 \text{ parts}}{\text{Chann } \frac{36}{3}}$ | 12

Numbers: 12×6 , 12×8 , 12×9 = 72, 96, 108

48. (B) Marks obtained by x= $15 \times 70 - 14 \times 68$ = $14 (15 \times 5 - 68)$ = 14 (75 - 68)= $14 \times 7 = 98$

49. (A) No. of diagonals = $\frac{n(n-3)}{2}$

(where $n \rightarrow$ number of sides)

$$= \frac{30(30-3)}{2}$$
$$= 15 \times 27$$
$$= 405$$

(B) Time taken by cars in covering the distance

$$= \frac{100}{50 + 50}$$
$$= 1 \text{ hr}$$

Distance covered by the bird in 1 hr = 1 × 100 = 100 km

(A) India and Sri Lanka

(C) Pakistan and China

(D) Britain and France

(B) North Korea and South Korea

Part-IV

	General A	wareness		(b)	Neyv Jhari			2. Iron	
1.		Vational Income for the		10000	Rour			 Lign Mica 	
	first time in India?				(a)	(b)	(c)	(d)	
	(A) Mahalanobis	(B) Dadabhai Naoroji		(A)	3	4	1	2	
	(C) V. K. R. V. Rao	(D) Sardar Patel		201	3	4	2	1	
2.	THE CONTRACTOR OF THE PARTY OF	nt of a country depends		(C)		2	3	4	
	on—			(D)	4	3	2	1	
	(A) Natural resources (B) Capital formation		11.	Wh	at is t	he min	imun	percenta	age of votes a
	(C) Size of the market			political party must get to acquire the status of					
	(D) All of the above					ed party	12		
2	E. defendance of the second			10000	1%			(B) 2%	
٦.	National Income is ge			(C)	3%			(D) 4%	
	(A) Any money-making activity (B) Any laborious activity		12.	The term of office of the Comptroller an					mptroller and
	(C) Any profit-makir						of Inc	dia is—	
	(D) Any productive a			To the same	3 yea			(B) 4 ye	
4		VIOLENCE CONTROL OF THE PARTY O		700	5 year			(D) 6 ye	
 Money supply is governed by the— (A) Planning Commission 		13. Who was the first Chief Election Commissioner of India?							
	(B) Finance Commission oin Yout		uk	(A)	6 V	ann	inkar	-	
	(C) Reserve Bank of India			(B)	T. S	wamina	than		
	(D) Commercial Ban			(C)	K. V	. K. Su	ndara	m	
5.	The headquarters of V			(D)	Sukt	ımar Se	n		
	(A) New York (B) Doha		14.	. What is the retirement age for a Suprem					or a Supreme
	(C) Uruguay	(D) Geneva		Cor	ırt Jud	lge?			
6.		the 'Rice Bowl' of				ears		(B) 65	
	India ?			(C)	68 ye	ears		(D) 70	years
	(A) Andhra Pradesh	(B) Tamil Nadu	15.			e 'Po	litica	l Guru'	of Mahatma
	(C) Kerala	(D) Karnataka		2000	idhi.			211	
7.	The highest waterfall of India is—			1000		alakrish			
	(A) Shimsha falls	(B) Hogenakkal falls				Gangad			
	(C) Courtaliam falls	(D) Jog falls		16.52		obindo (1	
8.	Which state is rich in	jute ?				Lajpat			
	(A) West Bengal			 Arrange the following Magadhan dynasties is chronological order— 					
	(C) Kerala	(D) Odisha			1000		ier-		
9.	Which of the follow	ing countries are con-		L	Nano			II. Sist	The state of the s
1985	nected by the Palk Stra			111.	Mau	ryas		IV. Har	yankas

10. Match the following-

17. What is meant by a 'pir' in the Sufi tradition? (A) The Supreme God

(B) II, I, IV and III

(D) III, I, IV and II

(A) IV, II, III and I

(C) IV, II, I and III

- (B) The Guro of the Sufis
- (C) The greatest of all Sufi saints
- (D) The orthodox teacher who contests the
- 18. Khalsa Panth was created by Guru Gobind Single in Which year?
 - (A) 1599
- (H) 1699
- (C) 1707
- (D) 1657
- 19. Who gropounded the Panchsheel Principles?
 - (A) Maharma Garufti.
 - (B) Lord Beddha
 - (C) Pandit Jawahar Lai Nehra.
 - (D) Swarei Dayanand Saraswati
- 20. On April 12, 1944 Subbach Chandra Bosz housed the INA Flag in a town. In which State! Union Territory is that town now ?
 - (A) Andonon and Nicobar Islands
 - (B) Topura
 - (C) Manipur
 - (D) Mizomer.
- I was Join Youtube Channel -"immovable property" in the cell ?
 - (A) Carbohydrate
- (B) Put
- (C) Protein
- (D) Nucleic acid
- 22. Water from soil enters into the root hairs one kag to -
 - (A) Atmospheric grossere
 - (B) Capillary pressure
 - (C) Root pressure
 - (D) Osmotic pressure
- 23. Hoteding and numerometer of been in known
 - (A) Sericulture
- (B) Silviculture
- (C) Pisciculture
- (D) Apiculture
- 24. The vitamin necessary for coagulation of blood is -
 - (A) Vitarria B
- (B) Vitamin C
- (C) Vitarnin K.
- (D) Vinenia E.
- 25. The average life span of rad blood corpuscles. is about --
 - (A) 100 200 days
- (B) 100 120 days
- (C) 160 180 days
- (IX) 150 200 days

- 26. Dominicy period of animals during winter season is called-
 - (A) ARREVATOR
- (B) Regeneration
- (C) Hiberration
- (D) Metation
- 27. The angle in which a cricket ball should be bit to travel maximum horizontal distance is-
 - (A) 60° with horizontal
 - (B) 45° with horizontal
 - (C) 30" with horizontal
 - (D) 154 with heripoetal
- 28. The minimum number of geostationary satellites needed for uninterrupted global coverage ti-
 - (A) 3
- (8) 4
- (C) 2
- (D) 1
- 29. The best conductor of electricity among the following is-
 - (A) Copper
- (S) from
- (C) Akaniakan
- (D) Silver
- - (A) Dark ben
- (B) Blind box.
- (C) Black bes
- (D) Altitude meter
- 31. Which of the following is not a computer setwork T
 - (A) Wide area network.
 - (B) Local area network.
 - (C) Personal network
 - (D) Metropolitan area network
- 32. When a group of computers is connected together in a small area without the help of telegibase lines, it is called-
 - (A) Remote Cornengnication Network (RCN)
 - (B) Local Area Network (LAN)
 - (C) Wide Area Network (WAN)
 - (D) Value Added Network (VAN)
- 33. Which one of the following elements is used in the marsofacture of fertilizers ?
 - (A) Flavoire
- (B) Potessian
- (C) Lead
- (D) Ahrringen

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34.	. Natural rubber is the polymer of —		45.	. The 16-year-old school-boy, Arjun Vajpai						
	(A) Isoprene (C) Butadiene	(B) Styrene (D) Ethylene		cess	est Indian ld's highe	est peak,				
35.	In addition to hydrogen, the other abundant element present on Sun's surface is—			whi	unt Everest, ch state ? Uttar Prade	AAROCHES NA WO	22, 2010,	is from		
	(A) Helium	(B) Neon		1500	Madhya Pra					
	(C) Argon	(D) Oxygen		1000		KAN BELLINGSON	tory of De	lhi		
36.	Which of the follow stituent of LPG?	ving is the major con-	(C) National Capital Territory of Delhi(D) Uttarakhand							
	(A) Methane	(B) Ethane	46. Which one of the fi missile?			e followin	ollowing is an 'Air-to-Air'			
	(C) Propane	(D) Butane				450				
37.	IUCN categorized munder-	ajor threatened species		831730	Prithvi Akash	15000) Agni) Astra			
	(A) Seven classes	(B) Five classes	47.	47. Santosh Trophy is			associated with-			
	(C) Six classes	(D) Four classes		(A)	Hockey	(B) Football			
38.	Minamata disease wa	s caused by—		(C)	Basketball	(D	Badmint	on		
	(A) Mercury	(B) Lead	48.	Katl	hakali classi	cal dance o	originated i	n—		
	(C) Cadmium	(D) Zinc		(A)	Kerala	(B) Karnatak	a		
39	Ozone layer is presen	t in—		(C)	Rajasthan	(D	Tamil Na	ıdu		
	(A) Troposphere	(B) Ionosphere	49.	olio was						
	(C) Stratosphere	(B) Exosphere Out	ub		chan:					
40	. The first atomic bomb was thrown over—			(A)	J. H. Gibbo	n (B	Jonas E.	Salk		
-	(A) Nagasaki	(B) Hiroshima		(C)	Robert Edw	ards (D	James Si	mpson		
	(C) Tokyo	(D) Hong Kong	50.	Wh	o discovere	d sea rou	te to India	via the		
41		THE REAL PROPERTY AND ADDRESS OF THE PARTY O		'Ca	pe of Good	Hope'?				
7.4.	Which of the following countries has entered into an agreement with India for the supply of Advanced Jet Trainer (HAWK)?			(A) Vasco da Gama (B) Amundsen						
	(A) Russia	(B) U.S.A.		(C)	Christopher	Columbu	s			
	(C) England	(D) France		(D)	John Cabot					
42.	. The name of the 'Cargo Ship' which sank off Mumbai coast recently, causing oil spill in the				A	nswers	s			
	Arabian Sea, was-	50 (1965) - (1966) 1968) - (1966)	1.	(B)	2. (D)	3. (D)	4. (C)	5. (D)		
	(A) Sagar Jyoti	(B) Venus	6.	(A)	7. (D)	8. (A)	9. (A)	10. (B)		
	(C) MSC Chitra	(D) Golden Eagle	11.	(D)	12. (D)	13. (D)	14. (B)	15. (A)		
43.	Yuan is the currency	of—	16.	(C)	17. (B)	18. (B)	19. (C)	20. (C)		
	(A) Japan	(B) China	21.	(A)	22. (D)	23. (D)	24. (C)	25. (B)		
	(C) Italy	(D) Yugoslavia	26.	(C)	27. (B)	28. (A)	29. (D)	30.(C)		
44.	The National Integra	ation Council (NIC) is	31.	(C)	32. (B)	33. (B)	34. (A)	35. (A)		
	chaired by the-		36.	(C)	37. (A)	38. (A)	39. (C)	40.(B)		
	(A) Prime Minister	(B) Finance Minister	41.	(C)	42. (C)	43. (B)	44. (A)	45. (C)		
	(C) Home Minister	(D) President of India	46.	(D)	47. (B)	48. (A)	49. (B)	50.(C)		