

PG SET I

VERBAL COMPREHENSION

Direction (Q. 1-5):

Read the following passage and answer these questions.

PASSAGE

The supervisor would have to change this attitude towards people first. The staff under him be perceived as human beings with feelings and needs. They are not autonomous within a complex work, machinery. One of the greatest needs of today's worker is to have a feeling that he is in control of his workplace and not vice versa. The best way is to satisfy this need as far as possible. He must feel firstly; that his work is meaningful. To do this the supervisor must delegate responsibility and limited authority for the man to execute his job well. The subordinate must be properly trained to assume responsibility and authority. Once he is ready to assume these, he can be made accountable for his job. Very often supervisors assume all responsibility and accountability for fear of losing control of the workplace. This makes workers under him pawns in a vast chessboard. Delegating accountability gives the worker a purpose in life and the need to do a job well. Most important is to sit with each worker and chalk out common objectives and agreed norms to achieve them. This gives workers a security as to what is expected of them. When he has met his objectives, he certainly has a feeling of achievement. This feeling of achievement is the greatest motivator.

Q.1. Responsibility and accountability make a worker.

- (1) tense and frightened
- (2) do his job properly
- (3) vulnerable before his supervisor
- (4) shirk his duties

Q.2. Supervisors do not delegate responsibility and authority to their subordinates because.

- (1) they are apprehensive of losing their hold on the workplace.
- (2) final responsibility is theirs.
- (3) subordinates are not capable enough.
- (4) They can't trust their subordinates.

Q. 3. Orientation of subordinates of common objectives and how to achieve them is.

- (1) not very important
- (2) not at all necessary
- (3) a must
- (4) optional

Q. 4 The greatest motivator is.

- (1) a sense of security

- (2) a good supervisor
- (3) fulfilment of purpose
- (4) a good environment

Q. 5. A human attitude on the part of the supervisor towards his staff is necessary to.

- (1) keep them happy
- (2) get them to work
- (3) have a congenial atmosphere at workplace
- (4) get the best out of them

Direction (Q. 6-10):

Read the following passage and answer these questions

Passage

It was very hot. Suddenly at about 3 o'clock in the afternoon, there fell such an abundance of rain that 150 men of the grand guard, in order not to be submerged, were obliged to leave a large depression in which they were hidden. But what was the surprise when there began to fall on the ground all about a considerable number of toads, the size of hazelnuts, which began to lump about in every direction. M. Gayetendu (the soldier who provided this information), who could not believe that these myriad of reptiles fell with the rain, stretched out his handkerchief at the height of a man, his comrades holding the corners; they caught a considerable number of toads, most of which had the posterior part elongated into a trail, that is to say, in the tadpole state. During this rainstorm, which lasted about half an hour, the men of the grand guard felt very distinctly on their hats and on their clothing the blows struck by falling toads. As a final proof of the reality of this phenomenon, M. Gayetendu reports that after the storm the three-cornered hats of the men of the guard held in their folds some of the reptiles.

Q.6. From where could this account have been taken?

- (1) A weather report.
- (2) A novel.
- (3) A newspaper.
- (4) A pamphlet.

Q.7. The soldiers left their hiding place because they

- (1) were scared of toads
- (2) were ordered to
- (3) were getting wet.
- (4) might have drowned there.

Q.8. M. Gayetendu and his friends caught the toads in

- (1) a handkerchief
- (2) their hats
- (3) their clothing
- (4) the depression

Q.9. What proof does M. Gayetendu give to prove that what happened was real?

- (1) Toads were found in the depression
- (2) Soldiers felt the toads striking blows as they fell.
- (3) 150 men of the grand guard swore it rained toads.
- (4) Toads were found in the guard's hats after the rain stopped.

Q.10. A suitable title for the passage will be

- (1) A mystery
- (2) A rain of toads
- (3) A long time ago
- (4) M. Gayetendu's report

Direction (Q.11-15): Choose the correct meaning of idioms, given underlined in the sentences.

Q.11. The cricket match proved to be a big draw. .

- (1) a keen contest
- (2) a huge attraction
- (3) a goal-less match
- (4) a game without any result.

Q.12. The affection of his wife bore him up in the midst of all his problems.

- (1) to sustain
- (2) to deceive
- (3) to humble down
- (4) to boost morale

Q.13. While I have a bath, you may chew the cud.

- (1) go through legalities
- (2) reflect upon one's past
- (3) have breakfast
- (4) kill time

Q.14. Why you should always be the one to cast the first stone?

- (1) deeply involved
- (2) to be the first to find fault
- (3) to praise first of all
- (4) to start a fight

Q. 15. Unexpectedly, he proved to be a man of straw.

- (1) very stubborn
- (2) weak
- (3) useful
- (4) self loving

Direction (Q.16-20):

In these questions a part of the sentence has errors and the other parts have none. Find out which part has error.

Q. 16 You can not be/ granted admission/ unless you do not submit/ all the certificates in original.
(1) (2) (3) (4)

Q. 17. To arrive at a decision/ all the interesting parties/ should be invited and/ involved in
(1) (2) (3) (4)
discussion.

Q.18. He could not/ do otherwise but/ to obey the instructions/ of the manager.
(1) (2) (3) (4)

Q. 19. When he was/ walking towards/ the playing ground,/ he was arrested.
(1) (2) (3) (4)

Q. 20. We hoped/ that such action/ will be extended/ on an all India basis..
(1) (2) (3) (4)

Direction (Q.21-25):

In the following questions each answer choice has four pairs of words. Each pair consists of the words which are more or less similar in meaning (Synonyms). However, one pair of words may be wrong. Select the pair which is wrong.

Q. 21.
(1) Effect/ result
(2) Stout/ lean
(3) Specify/ mention
(4) Temper/ mood

Q. 22.
(1) Mount/ descend
(2) Lament/ mourn
(3) Notion/ conception
(4) Obscene/ foul

Q. 23.
(1) Relinquish/ abandon
(2) Humiliate/ disgrace
(3) Degraded/ mean
(4) Exalt/ abase

Q. 24.
(1) Fruitless/ futile
(2) Futile/ abortive
(3) Abstain/ continue
(4) Desist/ refrain

Q. 25.

- (1) Refuse/ resign
- (2) Consent/ accede
- (3) Expedite/ accelerate
- (4) Retard/ hasten

Direction (Q.26-30):

Out of the four alternatives given below choose the word opposite in meaning to the given word.

Q. 26. NEFARIOUS

- (1) Lacking
- (2) Empiric
- (3) Benign
- (4) Neglected

Q. 27. HIBERNAL

- (1) Spring-like
- (2) Seasonal
- (3) Regular
- (4) Attitude

Q. 28. KITH

- (1) Relative
- (2) Son
- (3) Strangers
- (4) Outfit

Q. 29. MOOT

- (1) Strict
- (2) Not disputable
- (3) Difficult
- (4) Disputable

Q. 30 CRAVEN

- (1) Greedy
- (2) Generous
- (3) Coward
- (4) Brave

Direction (Q.31-35):

Fill in the blank with the right word from the options given below.

Q. 31. Though Hem is poor, _____ she is honest.

- (1) still
- (2) nevertheless
- (3) but
- (4) yet

Q. 32. The unruly behaviour of the soldiers _____ their commander.

- (1) incensed
- (2) aggrieved
- (3) impeached
- (4) tempered

Q. 33. His monotonous voice acted like _____ and his audience was soon asleep.

- (1) a sedative
- (2) an anaesthetic
- (3) a purgative
- (4) a cathartic

Q. 34. Idleness squanders what _____ in a previous generation has won.

- (1) laziness
- (2) indolence
- (3) industry
- (4) work

Q. 35. The person who is looking for sympathy talks _____ .

- (1) glibly
- (2) didactically
- (3) ominously
- (4) plaintively

Direction (Q.36-40):

Out of the given alternatives, choose the one which can be substituted for the given sentence.

Q. 36. One who cuts precious stones

- (1) lapidist
- (2) philatelist
- (3) oculist
- (4) drover

Q. 37. A person who is ready to believe things

- (1) credulous
- (2) faithful
- (3) client
- (4) egoist

Q. 38. A person who is bad in spelling

- (1) linguist
- (2) pedant
- (3) calligraphist
- (4) cacographist

Q. 39. A place where everything is perfect

- (1) heaven
- (2) platoon
- (3) cosmos
- (4) utopia

Q. 40. Physical features of an area

- (1) geography
- (2) sociology
- (3) contour
- (4) topography

Quantitative Aptitude

- Q.1. The ratio of the numbers of sides of two regular polygons is 1:3. If each interior angle of the first polygon is 120° then the measure of each interior angle of the second polygon is
- (1) 140° (2) 135° (3) 150° (4) 160°
- Q. 2. The area of the sector of a circle, whose radius is 6 m, when the angle at the centre is θ , is 13.2 m^2 . The value of θ is
- (1) 28° (2) 35° (3) 42° (4) 49°
- Q.3. A can do a job in 20 days, B in 30 days and C in 60 days. If A is helped on every 3rd day by B and C, then in how many days the job is finished?
- (1) 10 (2) 12 (3) 15 (4) 16
- Q.4. A and B can do a piece of work alone in 10 days and 12 days respectively. A starts the work and after 6 days B also joins. In how many days the total work is finished?
- (1) $\frac{80}{11}$ days (2) $\frac{90}{11}$ days (3) $\frac{100}{11}$ days (4) $\frac{120}{11}$ days
- Q.5. For which value(s) of k, the equations $kx + y = k^2$ and $x + ky = 1$ have no solution?
- (1) -2,0 (2) -1 (3) 1,3 (4) -3
- Q.6. The solution of quadratic equation $x^2 + \left\{ \frac{a}{a+b} + \frac{a+b}{a} \right\} x + 1 = 0$ is
- (1) a, b (2) a/b, b/a (3) ab, 1/ab (4) $-\frac{a}{a+b}$, $-\frac{a+b}{a}$
- Q. 7. The sum of factors of 240 is
- (1) 756 (2) 620 (3) 744 (4) 800
- Q. 8. How many numbers less than 100 will have exactly three factors?
- (1) 25 (2) 24 (3) 26 (4) 4
- Q. 9. What is the smallest number which when divided by 10, 12 and 15 leaves a remainder of 6, 8 and 11 respectively?
- (1) 44 (2) 54 (3) 55 (4) 56
- Q. 10. A shopkeeper sells two items at the same price. If he sells one of them at a profit of 40% and the other at a loss of 40%, then the net percentage loss is
- (1) 4% (2) 8% (3) 12% (4) 16%

- Q. 11. Naresh saves 6% of his income. His income shoots up by 15% next year, but his savings remain the same. The hike in his expenditure is
- (1) 14.45% (2) 14.95% (3) 15.95% (4) 16.45%
- Q. 12. The population of a village is 11000. If the number of children increases by 11% and the number of adults increases by 20%, the population becomes 12660. The population of children in town is
- (1) 4000 (2) 5000
(2) 5500 (4) 6000
- Q. 13. Three containers contain mixtures of alcohol and apple juice in the ratio 5 : 11, 3 : 2, and 7 : 17. If all three of them are mixed together in the ratio 4 : 5 : 6 then in the final mixture the ratio of alcohol to apple juice will be
- (1) 1 : 3 (2) 2 : 3 (3) 3 : 4 (4) 4 : 5
- Q. 14. A train crosses a 50 m long platform in 15 s and a porter standing on the platform in 10 s. The speed of the train is
- (1) 21 m/s (2) 18 m/s (3) 13 m/s (4) 10 m/s
- Q. 15. Find the average of first 12 multiples of 6.
- (1) 36 (2) 39 (3) 42 (4) 45
- Q. 16. The sum of first n terms of $\frac{1}{2}, \frac{3}{4}, \frac{7}{8}, \frac{15}{16}, \dots$
- (1) $1 - \frac{1}{2^n}$ (2) $1 - \frac{1}{2n}$ (3) $n + 1$ (4) $n - 1 + \frac{1}{2^n}$
- Q. 17. For how many integral values of x , is $\frac{x-3}{x-1} < 0$?
- (1) 1 (2) 2 (3) 3 (4) zero
- Q. 18. For what value of x , the expression $20 - |x - 5|$ will have the maximum value?
- (1) 20 (2) 10 (3) 5 (4) -5
- Q. 19. The simple interest on a sum of money is one – fifth of the principal and the number of years is five times the rate of interest. The rate of interest (in %) is
- (1) 4 (2) 3 (3) 2 (4) 1
- Q. 20. In how many years will a sum of money, when invested at 50% per annum compounded annually, becomes one and a half times itself?
- (1) 4 (2) 3 (3) 2 (4) 1

Q. 21. By mistake a bank clerk calculated the interest on a certain principal for 8 months at 10% per annum instead of 6 months at 12% per annum. He thus made an error of 60 paise. The principal sum was

- (1) Rs. 100 (2) Rs. 90 (3) Rs. 80 (4) Rs. 125

Q. 22. The birth rate of a town with a population of 56000 is 18% and the death rate is 8%, then what is the population after 4 years?

- (1) 81990 (2) 80000 (3) 72564 (4) 79845

Q. 23. A and B walk up an escalator which moves up with a constant speed. For every three steps that A takes B takes one step. A gets to the top of the escalator after having taken 60 steps while B takes only 40 steps to reach the top. If the escalator were turned off, how many steps should each of them take to reach the top?

- (1) 68 steps (2) 72 steps (3) 76 steps (4) 80 steps

Q. 24. The number of factors of 768 is

- (1) 17 (2) 18 (3) 19 (4) 20

Q. 25. A decagon has 10 sides. The number of diagonals it has

- (1) 10 (2) 20 (3) 30 (4) 35

LOGICAL REASONING

- Q. 1 How many such pairs of letters are there in the word "NECESSARY" each of which has as many letters between them in the word as in English alphabet?
- (1) Nil
 - (2) One
 - (3) Two
 - (4) Three
- Q. 2. According to a certain code
- (A) 'may das zci' means 'good little frock'
 - (B) 'jmx cos zci' means 'girl behaves good'
 - (C) 'nvg drs cos' means 'girl makes mischief'
 - (D) 'das ajp cos' means 'little girl fell'
- 'zci cos may' would mean
- (1) Little girl frock
 - (2) Good girl frock
 - (3) Girl frock good
 - (4) Girl makes frock
- Q. 3 In a certain code, a number 13479 is written as AQFJL and 2568 is written as DMPN. How is 396824 written in that code?
- (1) QLPMNF
 - (2) QLPNMF
 - (3) QLPNMJ
 - (4) QLPNDF
- Q. 4 X introduces Y saying, "He is the husband of the granddaughter of the father of my father.". How is Y related to X?
- (1) Brother
 - (2) Son
 - (3) Brother – in - law
 - (4) Son – in -law

Q.5. Six students A, B, C, D, E and F are sitting in the field. A and B are from Delhi while the rest are from Bangaluru. D and F are tall while others are short. A, C and D are girls while others are boys. Which is the tall girl from Bangaluru?

- (1) C
- (2) E
- (3) F
- (4) D

Q. 6. Pointing to a photograph, Vipin said, 'She is the mother of my son's wife's daughter.' How is the Vipin related to the lady?

- (1) Uncle
- (2) Cousin
- (3) Daughter – in - law
- (4) Father – in - law

Direction (Q. 7 to 9)

Read the following information carefully and answer the questions given below.

Six persons A, B, C, D, E and F are sitting in two rows, three in each.

E is not at the end of any row.

D is second to the left of F.

C, the neighbour of E, is sitting diagonally opposite to D.

B is the neighbour of F.

Q. 7. Which of the following are sitting diagonally opposite to each other?

- (1) F and C
- (2) D and A
- (3) A and C
- (4) A and F

Q.8. Which of the following are in the same row?

- (1) A, E
- (2) E, D
- (3) C, B
- (4) A, B

Q.9. After interchanging seat with E, who will be the neighbours of D in the new position?

- (1) A and C
- (2) B and F

(3) Only B

(4) Only F

Direction (Q.10 to 13)

In each question below are given two statements followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts. Give your answer as follows:

(1) If only conclusion I follows.

(2) If only conclusion II follows.

(3) If neither I nor II follows.

(4) If both I and II follow.

Q.10. Statements : Some doctors are surgeons.
 Some surgeons are physicist.
Conclusions: I. Some doctors are physicist.
 II. Some physicist are doctors.

Q.11. Statements : All pedestrians are best.
 Only doctors are best.
Conclusions: I. Some doctors are pedestrians.
 II. All pedestrians are doctors.

Q.12. Statements : All pens are blue.
 Only pencils are blue.
Conclusions: I. All pens are pencils.
 II. Some pencils are not pens.

Q.13. Statements : All princess are queens.
 Some queens are Royal.
Conclusions: I. All princess are Royal.
 II. All Royals are princess.

Q.14. Complete the given series by finding the missing term.
7, 26, 63, 125, 215, 342, ?

(1) 391

(2) 421

(3) 481

(4) 511

Q.15. In the series 3, 17, 91, 535, 3879 the odd term is

(1) 17

- (2) 91
- (3) 535
- (4) 3879

Q.16 If $A + B > C + D$, $B + E = 2C$ and $C + D > B + E$, it necessarily follows that

- (1) $A + B > 2E$
- (2) $A + B > 2C$
- (3) $A > C$
- (4) $A + B > 2D$

Q.17. A man is performing yoga with his head down and legs up. His face is towards the west. In which direction will his left hand be?

- (1) North
- (2) South
- (3) East
- (4) West

Q.18. One morning after sunrise, Hem was standing facing a pole. The shadow of the pole fell exactly to his right. Which direction was he facing?

- (1) South (2) East (3) West (4) North

Q.19. If south – east becomes north, north – east becomes west and so on, what will west become?

- (1) North – east
- (2) North – west
- (3) South – west
- (4) South – east

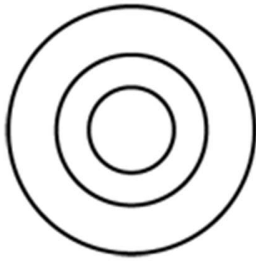
Q.20. P, Q, R and S are playing a game of carrom. P, R and S, Q are partners. S is to the right of R who is facing west. Then, Q is facing

- (1) North (2) South (3) East (4) West

Direction :(Q. 21 to 25)

Each of these questions below contain three groups of things. You have to choose from the following four diagrams, the one that depicts the correct relationship among the three groups of things in each question.

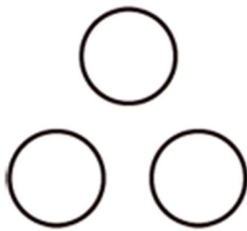
(1) .



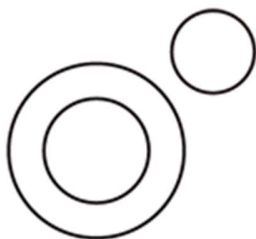
(2) .



(3) .



(4)



Q. 21. Island, Sea, Mountain

Q. 22. Zinc, Copper, Iron

Q. 23. Hospital, Ward, Bed

Q. 24. Diseases, Corona, Scurvy

Q. 25. Living beings, Vertebrates, Non – vertebrates

Answer Keys:

Q.No	Section Name	Answer Key
Q1	VERBAL COMPREHENSION	2
Q2	VERBAL COMPREHENSION	1
Q3	VERBAL COMPREHENSION	3
Q4	VERBAL COMPREHENSION	3
Q5	VERBAL COMPREHENSION	4
Q6	VERBAL COMPREHENSION	2
Q7	VERBAL COMPREHENSION	4
Q8	VERBAL COMPREHENSION	2
Q9	VERBAL COMPREHENSION	4
Q10	VERBAL COMPREHENSION	2
Q11	VERBAL COMPREHENSION	2
Q12	VERBAL COMPREHENSION	1
Q13	VERBAL COMPREHENSION	2
Q14	VERBAL COMPREHENSION	2
Q15	VERBAL COMPREHENSION	2
Q16	VERBAL COMPREHENSION	3
Q17	VERBAL COMPREHENSION	2
Q18	VERBAL COMPREHENSION	2
Q19	VERBAL COMPREHENSION	1
Q20	VERBAL COMPREHENSION	3
Q21	VERBAL COMPREHENSION	2
Q22	VERBAL COMPREHENSION	1
Q23	VERBAL COMPREHENSION	4
Q24	VERBAL COMPREHENSION	3
Q25	VERBAL COMPREHENSION	4
Q26	VERBAL COMPREHENSION	3
Q27	VERBAL COMPREHENSION	3
Q28	VERBAL COMPREHENSION	3
Q29	VERBAL COMPREHENSION	2
Q30	VERBAL COMPREHENSION	4
Q31	VERBAL COMPREHENSION	4
Q32	VERBAL COMPREHENSION	1
Q33	VERBAL COMPREHENSION	1
Q34	VERBAL COMPREHENSION	3
Q35	VERBAL COMPREHENSION	4
Q36	VERBAL COMPREHENSION	1
Q37	VERBAL COMPREHENSION	1
Q38	VERBAL COMPREHENSION	4

Q39	VERBAL COMPREHENSION	4
Q40	VERBAL COMPREHENSION	4
Q1	QUANTITATIVE APTITUDE	4
Q2	QUANTITATIVE APTITUDE	3
Q3	QUANTITATIVE APTITUDE	3
Q4	QUANTITATIVE APTITUDE	2
Q5	QUANTITATIVE APTITUDE	2
Q6	QUANTITATIVE APTITUDE	4
Q7	QUANTITATIVE APTITUDE	3
Q8	QUANTITATIVE APTITUDE	4
Q9	QUANTITATIVE APTITUDE	4
Q10	QUANTITATIVE APTITUDE	4
Q11	QUANTITATIVE APTITUDE	3
Q12	QUANTITATIVE APTITUDE	2
Q13	QUANTITATIVE APTITUDE	2
Q14	QUANTITATIVE APTITUDE	4
Q15	QUANTITATIVE APTITUDE	2
Q16	QUANTITATIVE APTITUDE	4
Q17	QUANTITATIVE APTITUDE	1
Q18	QUANTITATIVE APTITUDE	3
Q19	QUANTITATIVE APTITUDE	3
Q20	QUANTITATIVE APTITUDE	4
Q21	QUANTITATIVE APTITUDE	2
Q22	QUANTITATIVE APTITUDE	1
Q23	QUANTITATIVE APTITUDE	4
Q24	QUANTITATIVE APTITUDE	2
Q25	QUANTITATIVE APTITUDE	4
Q1	LOGICAL REASONING	2
Q2	LOGICAL REASONING	2
Q3	LOGICAL REASONING	4
Q4	LOGICAL REASONING	3
Q5	LOGICAL REASONING	4
Q6	LOGICAL REASONING	4
Q7	LOGICAL REASONING	4
Q8	LOGICAL REASONING	1
Q9	LOGICAL REASONING	1
Q10	LOGICAL REASONING	3
Q11	LOGICAL REASONING	4
Q12	LOGICAL REASONING	1
Q13	LOGICAL REASONING	3
Q14	LOGICAL REASONING	4

Q15	LOGICAL REASONING	3
Q16	LOGICAL REASONING	2
Q17	LOGICAL REASONING	1
Q18	LOGICAL REASONING	1
Q19	LOGICAL REASONING	4
Q20	LOGICAL REASONING	1
Q21	LOGICAL REASONING	4
Q22	LOGICAL REASONING	3
Q23	LOGICAL REASONING	1
Q24	LOGICAL REASONING	2
Q25	LOGICAL REASONING	2