

UG SET I
VERBAL COMPREHENSION

Direction (Q.1-5): Read the passage given below and answer these questions.

Passage

In the highest sense religion is an intensely individual issue. But there is a national question also. We must hold together. And we can not hold together only on the strength of police regulations. An internal regulator of conduct is absolutely necessary. Will men be good and wise without the aid of religion? As modern life has multiplied desires without the corrective of a sense of spiritual values, knowledge of modern science does not reduce either greed or lust. Indeed it has nothing to do with these criminal disturbances of the mind. On the contrary, it finds fresh tools for greater indulgence in all forms of greed, lust and anger. It is true that a sense of shame by itself often prevents overt misconduct. But it does not go to the root of the mischief; it does not stop undesirable mental activities. The only thing that can prevent or restrain these evils is the religious sense.

Q.1 According to the author, religion is essentially a

- (1) personal matter
- (2) matter having national relevance
- (3) body of rules and regulations
- (4) sacrifice of worldly desires

Q.2 The statement "we must hold together" means that we should

- (1) be politically united
- (2) work together
- (3) be spiritually united
- (4) keep up our nation's prestige

Q.3 The author thinks that in the modern times

- (1) the police have grown very powerful
- (2) people's needs have increased
- (3) politicians have become corrupt
- (4) we are practising several faiths

Q.4. The worst thing about modern science is that it has

- (1) produced dangerous weapons
- (2) spread new superstitions

- (3) contributed to the decline of our values
 - (4) discredited all religions
- Q.5. The author holds that the perfect remedy for man's evil propensities is a
- (1) sense of shame
 - (2) religious sense
 - (3) combination of a sense of shame and religion
 - (4) sense of good conduct

Direction (Q.6-10): Read the following passage and answer these questions.

Passage

Patriotism is a very complex feeling, built up out of primitive instincts and highly intellectual convictions. There is love of home and family and friends, making us peculiarly anxious to preserve our own country from invasion. There is the mild instinctive liking for compatriots as against foreigners. There is pride, which is bound up with the success of the community to which we feel that we belong. There is a belief, suggested by pride but reinforced by history, that one's own nation represents a great tradition and stands for ideals that are important to the human race. But besides all these, there is another element, at once nobler and more open to attack, an element of worship, of willing sacrifice, of joyful merging of the individual life in the life of the nation. This religious element in patriotism is essential to the strength of the State since it enlists the best that is in most men on the side of national sacrifice.

- Q.6. A suitable title to the passage could be
- (1) Elements of Patriotism
 - (2) Historical development of a Nation
 - (3) The role of religion and history in patriotism
 - (4) Religion and Patriotism
- Q.7. Describing the element of worship "open to attack" the author implies that it
- (1) is unnecessary
 - (2) leads to national sacrifice
 - (3) has no historical basis
 - (4) cannot be justified on rational grounds
- Q. 8. The tone of the passage can best be described as
- (1) critical
 - (2) descriptive
 - (3) persuasive
 - (4) analytical

Q.9. Which of the following can easily be grouped under “intellectual convictions” the author mentions in the opening sentence?

- (1) Love of family
- (2) Love of compatriots
- (3) The element of worship
- (4) Love of nation

Q.10. Which one of the following statements is false?

- (1) We tend to like our own countrymen better than we like foreigners.
- (2) Nations always stand for ideals that are important to the human race.
- (3) It is the religious element in patriotism that motivates us for sacrificing ourselves for our nation.
- (4) Our pride of the community is bound with the community's success.

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

Q.11. His most trusted friend proved to be a snake in the grass.

- (1) an unreliable person
- (2) a hidden enemy
- (3) low and mean
- (4) cowardly and brutal

Q.12. Sandhya has bitten off more than she can chew.

- (1) Over and above
- (2) Beyond her capacity
- (3) Trying to do too much
- (4) Bad fall

Q.13. The pandemic of corona had broken out in entire world.

- (1) eradicated
- (2) spread
- (3) ruined life
- (4) disturbed normal life

Q.14. 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 turn down

Q.15. Do not cut in while somebody is speaking.

- (1) disturb
- (2) interfere
- (3) argue
- (4) ignore

Direction (Q.16-20): In these questions, a part of sentence has errors and the other parts have none. Find out which part has error.

Q.16. Neither the boys/ nor the girl/ have come to the/ college today.

- (1) (2) (3) (4)

Q.17. The present study has been designed/ to examine whether or not/ traditional approaches

- (1) (2) (3)
are/ still applicable..
(4)

Q.18. One of the secret/ of success is/ to keep trying/ and not give up.

- (1) (2) (3) (4)

Q.19. Why we do not/ meet to discuss/ this matter in detail/ on next Friday?.

- (1) (2) (3) (4)

Q.20. I promise/ to teach you/ everything you/ need to known..

- (1) (2) (3) (4)

Direction (Q.21-25): In these questions three words are given which have more or less similar meaning. Out of the four given alternatives, choose the one which also conveys nearly the same meaning as the three words given in the question.

Q.21. Absorb, Assimilate, Digest

- (1) Eject
- (2) Chew
- (3) Mince
- (4) Grind

Q.22. Abuse, Humiliate, Disgrace

- (1) Exalt
- (2) Corruption
- (3) Bring down
- (4) Acquit

Q.23. Witness, Observer, Onlooker

- (1) Spectator
- (2) Present
- (3) Biased
- (4) Careful

Q.24. Approve, Confirm, Sanction

- (1) Accept
- (2) Endorse
- (3) Incorporate
- (4) Conforming

Q.25. Migrate, Travel, Drift

- (1) Spread
- (2) Roam
- (3) Dictate
- (4) Rule

Direction (Q.26-30): Out of the given four alternatives choose the word opposite in meaning to the given word

Q.26. KINDLE

- (1) Extinguish
- (2) Keeping in heart
- (3) Arouse
- (4) Illuminating

Q.27. BARREN

- (1) Solid
- (2) Moist
- (3) Fertile
- (4) Complex

Q.28. VEXACIOUS

- (1) Annoying
- (2) Satisfying
- (3) Dissatisfaction
- (4) Oily

Q. 29. PRUDENCE

- (1) Conscience
- (2) Indiscretion
- (3) Persuance
- (4) Clarity

Q. 30. PERTINENT

- (1) Jumbled
- (2) Relevant
- (3) Irrelevant
- (4) Puzzling

Direction (Q.31-35): Fill in the blanks with the right word from the options given below.

Q.31. _____ the rainfall was adequate this year, the mango trees still did not produce a high yield.

- (1) Since
- (2) Although
- (3) Due to
- (4) In spite of

Q.32. Mr.Gupta _____ his son for breaking the window pane.

- (1) coerced
- (2) relegated
- (3) expropriated
- (4) chastised

Q.33. The scholar was so _____ in his field that many of our professors became nervous in his presence.

- (1) eminent
- (2) pathological
- (3) petulant
- (4) amiable

Q. 34 Fact is often stranger than _____

- (1) fancy
- (2) fiction
- (3) imagination
- (4) dream

Q. 35. His rustic and robust humour was an embarrassment to the _____ sensibility of the young ladies.

- (1) fragile
- (2) delicate
- (3) soft
- (4) sober

Direction (Q.36-40): In these questions, out of the alternatives choose the one which can be substituted for the given sentence.

Q. 36. A book containing summarised information on all branches of knowledge.

- (1) Wikipedia
- (2) Dictionary
- (3) Encyclopaedia
- (4) Directory

Q.37. A person who is fond of sensuous enjoyment.

- (1) Epicure
- (2) Witty
- (3) Hedonist
- (4) Humorous

Q. 38. A physician who specialises in diseases of skin.

- (1) Obstetrician
- (2) Dermatologist
- (3) Cardiologist
- (4) Gastroenterologist

Q.39. Killing of one's own brother.

- (1) Murder
- (2) Matricide
- (3) Fratricide
- (4) Genocide

Q.40 Habit of secretly listening to private conversation.

- (1) Spying
- (2) Spelling
- (3) Condign
- (4) Murmuring

Quantitative Aptitude

Q.1 An angle is four times its complementary angle. What is the measure of the angle?

- (1) 18° (2) 36° (3) 72° (4) 108°

Q.2. ABCD is a trapezium in which AB and CD are parallel. P and Q are the mid points of lines AD and BC respectively. If AB = 8 cm and PQ = 6 cm. Then, CD is equal to

- (1) 4 cm (2) 5 cm (3) 6 cm (4) 7 cm

Q.3 A and B can do a job alone in 10 days and 12 days respectively. A starts the work and after 6 days B also joins. In finishing the job for how many days B has actually worked on the job.

- (1) $\frac{18}{11}$ days (2) $\frac{20}{11}$ days (3) $\frac{24}{11}$ days (4) $\frac{28}{11}$ days

Q.4. For what value of k will the equations $(3k+1)x + 3y = 2$ and $(k^2 + 1)x + (k - 2)y = 5$ have no solution?

- (1) -1 (2) 0
(3) 1 (4) 2

Q.5. Find the roots of the quadratic equation $\frac{1}{x-2} + \frac{2}{x-1} = \frac{6}{x}$

- (1) -3, -4/3
(2) 3, 4/3
(3) -3, 4/3
(4) 3, -4/3

Q.6 A certain number when divided by 527 leaves the remainder 67. When the same number is divided by 31, the remainder is

- (1) 5 (2) 6 (3) 7 (4) 10

Q. 7 The lowest common multiple (LCM) of $33/12$ and $143/8$ is

- (1) $450/4$ (2) $429/4$ (3) $512/8$ (4) $421/6$

Q. 8 A traveller covers half of his journey by car at 45 km/h, half of the remainder by bus at 20 km/h and the remaining by cycle at 10 km/h. During the entire journey, his average speed is nearly

- (1) 22.5 km/h (2) 25 km/h (3) 32 km/h (4) 20.5 km/h

Q.9 The average of first 20 multiples of 21 is

- (1) 420 (2) 210.5 (3) 220.5 (4) 202

Q. 10. Cost price of two computers is same. One is sold at a profit of 30% and the other for Rs. 6300 more than the first. If the net profit is 40%, then the cost price of each computer in rupees is

- (1) 42000 (2) 63000 (3) 31500 (4) 50000

Q. 11. A ball is dropped from a height of 250 m. It rebounds to four-fifth of the height it falls. If it continues to fall and rebounds this way, then how much distance does the ball cover totally before coming to rest?

- (1) 2000 m (2) 2250 m (3) 2500 m (4) 2650 m

Q. 12. The base of a triangle is increased by 40%. What can be the maximum percentage increase in the length of the height so that the increase in area is restricted to a maximum of 60%?

- (1) 14.95% (2) 14.68% (3) 14.28% (4) 14.05%

Q.13. The number of apples in three boxes is in the ratio of 3 : 4 : 5. In which ratio the number of apples in first two boxes must be increased so that the new ratio becomes 5 : 4 : 3?

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

Q. 14. Find the ratio of third proportional to 17 and 34 and mean proportional to 34 and 136.

- (1) 1 : 2 (2) 1 : 1 (3) 17 : 54 (4) 11 : 17

Q.15. A train overtakes two persons, cycling at 18 km/h and 36 km/h in 20 s and 24 s respectively. Its length is

- (1) 800 m (2) 600 m (3) 500 m (4) 400 m

Q. 16. The sum of the series $1 + 3x + 5x^2 + \dots$ up to infinity ($x < 1$) is

- (1) $1/(1-x)^2$ (2) $1/(1+x)^2$ (3) $1-x/(1+x)^2$ (4) $1+x/(1-x)^2$

Q.17. If $3x + 2y = 8$, where x and y are positive integers, then the maximum value of xy is

- (1) 2 (2) 4 (3) 6 (4) 8

Q.18. The maximum value of the expression $10 - | -x - 10 |$ is

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

Q.19. A certain sum of money quadruples itself in 9 years under simple interest. In how many years it will be 28 times?

- (1) 27 (2) 36 (3) 54 (4) 81

Q.20. In how many years will a sum of money, when invested at 25% per annum compounded annually, becomes approximately 1.95 times itself?

- (1) 4 (2) 3 (3) 2 (4) 1

Q.21. The rate of interest in two banks P and Q are in the ratio of 4 : 5. If a person invested some amount in both the banks and received equal amounts from both the banks in 2 years, the ratio of the amount invested in P and Q respectively is

- (1) 9 : 1 (2) 1 : 9 (3) 25 : 16 (4) 5 : 4

Q. 22. The population of eagles in a particular place decreases by certain rate. If the current population of eagles be 29160 and the ratio of decrease in population for the second and the third year be 20 : 18, then the population of the eagles 3 years ago was

- (1) 50000 (2) 45000 (3) 40000 (4) 35000

Q. 23. Travelling at 80% of his original speed, Chandrika reaches school 30 minutes late. How much time does she usually take to travel to school?

- (1) 80 minutes (2) 100 minute (3) 110 minutes (4) 120 minutes

Q. 24. The number of factors of 7600 is

- (1) 35 (2) 34 (3) 31 (4) 30

Q. 25. ABC is an equilateral triangle with side $2\sqrt{3}$ cm. The radius of its incircle will be

- (1) 1.00 cm (2) 1.25 cm (3) 1.50 cm (4) 2 cm

LOGICAL REASONING

- Q. 1 If each of the letters in the English alphabet is assigned an even numerical value by giving A=2, B=4 and so on, what would be the total value of the letters for the word "LADY" when similarly coded.
- (1) 74
 - (2) 72
 - (3) 84
 - (4) 82
- Q. 2. According to a certain code
- (A) 'min fin bin gin' means 'trains are always late'
 - (B) 'gin din cin hin' means 'drivers were always punished'
 - (C) 'bin cin vin rin' means 'drivers stopped all trains'
 - (D) 'din kin fin vin' means 'all passengers were late'
- 'hin min kin' would mean
- (1) Always late trains
 - (2) Passengers are punished
 - (3) All passenger trains
 - (4) Passengers are late
- Q. 3 If REASON is coded as 5 and BELIEVED as 7, then what is the code for GOVERNMENT?
- (1) 6
 - (2) 8
 - (3) 9
 - (4) 10
- Q. 4 Deepak has a brother Anil. Deepak is the son of Prem. Bimal is Prem's father. What is the relationship of Anil with Bimal?
- (1) Son
 - (2) Grandson
 - (3) Grandfather
 - (4) Brother
- Q.5. A, B, C, D, E, F and G are members of a family consisting of four adults and three children, two of whom, F and G are girls, A and D are brothers and A is a doctor. E is an engineer

married to one of the brothers and has two children. B is married to D and G is their child. Who is C?

- (1) A's son
- (2) E's daughter
- (3) F's father
- (4) G's brother

Q. 6. Pointing to a girl in the photograph, Vipin said, ' Her mother's brother is the only son of my mother's father.' How is the girl's mother related to Vipin?

- (1) Mother
- (2) Sister
- (3) Aunt
- (4) Sister – in - law

Direction (Q. 7 to 9)

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

Five plays A, B, C, D, E are to be staged from Monday to Friday of a week. On each day, only one play will be staged. D or E should not be either the first or last to be staged. E should be immediately followed by C. B should be staged immediately after D. One play is staged between A and B.

Q. 7. Which is the first play to be staged?

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

Q.8. Which of the following is the correct sequence of staging all the plays?

- (1) ACBDE
- (2) ADBEC
- (3) BDAEC
- (4) DBECA

Q.9. Which play was staged on Wednesday?

- (1) A
- (2) B
- (3) Either B or C
- (4) E

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 : All women are intelligent.
All intelligent are simpleton.
Conclusions: I. Some women are simpleton.
II. All women are simpleton.

Q.11. Statements : Every player is a student.
Every student is a noob.
Conclusions: I. Every player is not a noob.
II. Every player is a noob.

Q.12. Statements : All Indians are hardworking.
Some generous are not hardworking.
Conclusions: I. All Indians are generous.
II. Some generous are not Indians.

Q.13. Statements : All mothers are babysitters.
All babysitters are ladies.
Conclusions: I. All mothers are ladies.
II. All babysitters are mothers.

Q.14. Complete the given series by finding the missing term.
24, 60, 120, 210, ?

- (1) 300
- (2) 336
- (3) 420
- (4) 525

Q.15. In the series 10, 17, 24, 31, 38, ...which of the following will be a number of the series?

- (1) 48
- (2) 346
- (3) 574
- (4) 1003

Q.16 If $A + D = B + C$, $A + E = C + D$, $2C < A + E$ and $2A > B + D$, then

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

Direction (Q.17 to 20)

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

- (i) Six flats on a floor in two rows facing north and south are allotted to P, Q, R, S, T and U.
- (ii) Q gets a north facing flat and is not next to S.
- (iii) S and U get diagonally opposite flats.
- (iv) R, next to U, gets a south facing flat and T gets a north facing flat.

Q.17. Which of the following combinations get south facing flat?

- (1) QTS
- (2) UPT
- (3) URP
- (4) Data inadequate.

Q.18. Whose flat is between Q and S?

- (1) T (2) U (3) R (4) P

Q.19. If the flats of T and P are interchanged, whose flat will be next to that of U?

- (1) P (2) Q (3) R (4) T

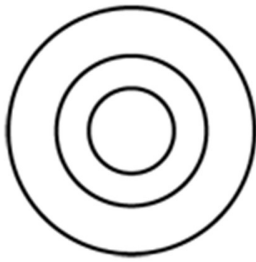
Q.20. The flats of which of the other pairs than SU are diagonally opposite to each other?

- (1) QP
- (2) QR
- (3) PT
- (4) TS

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.

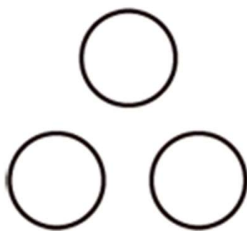
(1) .



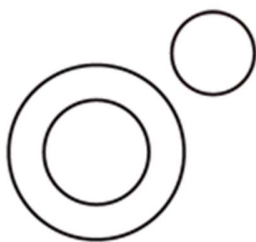
(2) .



(3) .



(4)



Q. 21. Four sided figure, Square, Triangle

Q. 22. Pine Apple, Custard Apple, Apple

Q. 23. India, Karnataka, Bangalore

Q. 24. Atoms, Protons, Electrons

Q. 25. Elected House, Member of Parliament, Member of Legislative Assembly

Answer Keys:

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

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

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