

Direction (Q.1-3): Read the following passage and answer these questions.

PASSAGE

Books are, by far, the most lasting product of human effort. Temples crumble into ruin, pictures and statutes decay, but books survive. Time does not destroy the great thoughts which are as fresh today as when they first passed through their author's mind. These thoughts speak to us through the printed page. The only effect of time has been to throw out of currency the bad products. Nothing in literature which is not good can live for long. Good books have always helped man in various spheres of life. No wonder that the world keeps its books with great care.

- Q.1 Time does not destroy books because they contain
- (1) useful material.
 - (2) subject-matter for education.
 - (3) great ideas
 - (4) high ideals

Key: 3

- Q. 2 The world keeps its books with care because
- (1) they educate us.
 - (2) they bring great ideas to us.
 - (3) they make us successful.
 - (4) they help us in various spheres of life.

Key : 4

- Q.3 Of the products of human effort, books are the most
- (1) important.
 - (2) permanent.
 - (3) useful.
 - (4) enjoyable.

Key : 2

Direction (Q.4 – 6): Read the following passage and answer these questions.

PASSAGE

Do not study too long at once. So long as the mind works with ease, it may be allowed to continue working but if we find it moving slowly and extra trouble is needed to keep the attention fixed, it is far better to break off and take a walk or have some other recreation, than to go on plodding until one feels wholly exhausted. To continue to force the mind to work is likely to lead to injurious result and may end in a nervous breakdown from which recovery is slow and troublesome.

- Q.4. The writer suggests that the main cause of nervous breakdown is

- (1) excessive mental work leading to exhaustion.
- (2) a life of anxiety and worry.
- (3) too much work and little diversion.
- (4) a strenuous life.

Key : 1

- Q.5 A man feels that he is exhausted when
- (1) he finds his mind working slowly.
 - (2) he has a headache.
 - (3) his thought process is clouded.
 - (4) one finds it difficult to concentrate.

Key : 4

- Q.6 The underlying tone of the passage is that
- (1) man should work within limits.
 - (2) man is delicate and should be handled carefully.
 - (3) an injury to the mind is more difficult to cure than an injury to any other part of the body.
 - (4) mind controls the entire physical system and should be kept in a perfect state.

Key : 3

Direction (Q.7-9): For these questions, choose the pair which best expresses the relationship similar to that expressed in the main pair.

- Q.7 FARMER: CROP
- (1) Editor : Newspaper
 - (2) Cat: Kitten
 - (3) Wish: Desire
 - (4) Fabric: Yarn

Key : 1

- Q.8 GLOVE: BALL
- (1) Hook: Fish
 - (2) Summer: Winter
 - (3) Game: Study
 - (4) Stadium: Seats

Key : 1

- Q.9. HORSE: COLT
- (1) Goat: Bleat
 - (2) Dawn: Twilight
 - (3) Dog: Puppy
 - (4) Actor: Stage

Key : 3

Direction (Q.10-12) : In these questions, choose the most appropriate preposition.

Q.10. Take this medicine and you will get rid _____ the bad cold.

- (1) at
- (2) from
- (3) over
- (4) of

Key : 4

Q.11. The candidates were tense _____ expectancy.

- (1) with
- (2) for
- (3) by
- (4) on

Key : 1

Q.12. My cousin has invested a lot of money _____ farming.

- (1) in
- (2) into
- (3) at
- (4) for

Key : 1

Direction (Q.13-15) : In these questions, out of the four alternatives, choose the word which can be substituted for the given sentence.

Q.13 The branch of medical science which deals with the problems of the old

- (1) Obstetrics
- (2) Geriatrics
- (3) Endocrinology
- (4) Oncology

Key : 2

Q.14 The custom of having more than one husband at the same time

- (1) Polyandry
- (2) Polygamy
- (3) Debauchery
- (4) Bigamy

Key : 1

Q.15 Deriving pleasure from inflicting pain on others

- (1) Bigotry
- (2) Masochism
- (3) Malevolence
- (4) Sadism

Key : 4

Direction (Q.16-18): Four alternatives are given below each sentence. You are required to choose the most suitable alternative to complete the sentence to make it meaningful.

Q.16. The more we looked at the piece of modern art, _____

- (1) the less we liked it.
- (2) we liked it less.
- (3) it looked better.
- (4) better we liked it.

Key : 1

Q.17 The doctor warns him that unless he gives up smoking _____

- (1) will he be able to recover.
- (2) he will not suffer.
- (3) his health will soon be recovered.
- (4) he will not recover.

Key : 4

Q.18 Even though it is a very large house, _____

- (1) there is lot of space available in it for children.
- (2) there is no dearth of space for children.
- (3) there is hardly any space available for children.
- (4) the servants take a long time to clean it.

Key : 3

Direction (Q.19-21): fill in the blanks with the appropriate option out of the given alternatives.

Q.19 He is too _____ to be deceived easily.

- (1) intelligent
- (2) modern
- (3) kind
- (4) honest

Key : 1

Q.20 The _____ is working on wood.

- (1) artifact
- (2) artistic
- (3) artist
- (4) artisan

Key : 4

- Q.21 Whom would you prefer _____ the two of us.
- (1) among
 - (2) of
 - (3) to
 - (4) between

Key : 4

Direction (Q.22-24) : Rearrange the following sentences A,B,C,D,E in the proper sequence so as to form a meaningful paragraph, then answer the question given below.

- Q.22
- A. It has been so from times immemorial.
 - B. It is necessary to have a library.
 - C. Library is a centre of learning.
 - D. The selected books should enchant us.
 - E. Our teachers had their libraries.

Which sentence should come last in the paragraph?

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

Key : 1

- Q.23
- A. People want that racialism should be wiped out.
 - B. Our principles are different from our professions.
 - C. This is the main source of trouble.
 - D. There has been awakening in the matter.
 - E. They know that it has become irrelevant.

Which sentence should come first in the paragraph?

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

Key : 3

- Q.24.
- A. If they are dissatisfied they have a cause to complain.
 - B. Rather they are an embodiment of patience.
 - C. Teachers should set an example.
 - D. Yet they should exercise restraint.
 - E. Patience is one of the greatest virtues.

Which sentence should come in the middle of the paragraph?

- (1) A

- (2) B
- (3) D
- (4) E

Key : 3

Direction (Q.25-27) : Out of the four alternatives, choose the word opposite in meaning to the given word.

Q.25 REPRIMAND

- (1) Hate
- (2) Worship
- (3) Remake
- (4) Praise

Key : 4

Q.26 DEplete

- (1) Make greater
- (2) To fill
- (3) To exhaust
- (4) Useless

Key : 2

Q.27 AWKWARD

- (1) Relevant
- (2) Chimney
- (3) Graceful
- (4) Pious

Key : 3

Direction (Q.28-30) : A part of the sentence is underlined. Below are given alternatives to the underlined part at (1), (2), (3) which may improve the sentence. Choose the correct alternative. In case no improvement is required, your answer is (4).

Q.28. The greater the demand, higher the price.

- (1) the higher
- (2) high
- (3) the high
- (4) No improvement

Key : 1

Q.29. He told us the story in a nutshell.

- 1) in the nutshell
- 2) putting it in a nut
- 3) in nutshell

Key : 4

- Q.30 If you would have seen the movie, you would have enjoyed it.
- (1) If had you been seen
 - (2) Had you seen
 - (3) If you would see
 - (4) No improvement

Key : 2

Direction (Q.31-33) : Four alternatives are given for the idiom/phrase. Choose the alternative which best expresses the meaning of the idiom/phrase.

- Q.31 High and dry
- (1) Isolated
 - (2) Rejected
 - (3) Wounded
 - (4) Depressed

Key : 1

- Q.32 Cuts both ends
- (1) Works for both sides
 - (2) Argues in support of both sides of the issue
 - (3) Behaves dishonestly
 - (4) Inflicts injuries on others

Key : 2

- Q.33 Tooth and nail
- (1) With weapons
 - (2) As best as he could
 - (3) Using unfair means
 - (4) With strength and fury

Key : 2

Direction (Q.34-36): In these questions, choose the correct tense in the given sentence.

- Q. 34. The sentence " Why are you making a noise?" , has a
- (1) Present perfect tense
 - (2) Present continuous tense
 - (3) Simple present tense
 - (4) Simple past tense

Key : 2

- Q. 35. The sentence " In 2019, a disease destroyed the crops in one village" , has a
- (1) Present perfect tense

- (2) Past perfect tense
- (3) Simple present tense
- (4) Simple past tense

Key : 4

Q. 36. The sentence "I am going to be a teacher when I grow up", has a

- (1) Present tense
- (2) Past tense
- (3) Future tense
- (4) Past perfect tense

Key : 3

Direction (Q. 37-40) : In the following questions, a given word is followed by four words. Select the word that is most similar in meaning.

Q. 37 NASCENT

- (1) Initial
- (2) Sharp
- (3) Dull
- (4) Latest

Key : 1

Q. 38 LOGO

- (1) Trademark
- (2) Style
- (3) Design
- (4) Logic

Key : 1

Q.39 TORPID

- (1) Fast
- (2) Slow
- (3) Medium
- (4) Energetic

Key : 2

Q. 40 MAYHEM

- (1) Jubilation
- (2) Havoc
- (3) Excitement
- (4) Defeat

Key : 2

1. A number when divided by 296, we find the remainder 75. If the same number is divided by 37, then the remainder is
- (1) 11 (2) 8 (3) 2 (4) 1

Key: 4

2. The L.C.M. of two numbers is 630 and their H.C.F. is 9. If the sum of the numbers is 153, their difference is
- (1) 17 (2) 23 (3) 27 (4) 33

Key: 3

3. In an examination, a student was asked to find $\frac{3}{14}$ of a certain number. By mistake, he found $\frac{3}{4}$ of it. His answer was 150 more than the correct answer. The given number is
- (1) 300 (2) 290 (3) 280 (4) 270

Key: 3

4. $\frac{1}{37}$ of 111 \div $\frac{1}{3}$ of ? = 0
- (1) 3 (2) 9 (3) 1 (4) can not be determined

Key: 4

5. When the sale price of an item was increased by 50%, there was a shortfall of 20% in its sales. What was the percentage effect on the sales?
- (1) 20% increase (2) 15% increase (3) 15% shortfall (4) 20% shortfall

Key: 1

6. 40% of the population of a town are men and 35% are women. If the number of children are 20000, then the number of men will be
- (1) 32000 (2) 36000 (3) 40000 (4) 48000

Key: 1

7. A batsman has certain average runs for 20 innings. In the 21st inning, he scored 107 runs thereby increasing his average by 2. His average after 21 innings is
- (1) 66 (2) 67 (3) 68 (4) 70

Key: 2

8. A, B, C together earn Rs.1450 and spend 60%, 65%, 70% of their salaries respectively. If their savings are 14: 21: 15, then the salary of B is

Key: 2

9. One litre of water was mixed to 3 litres of sugar solution containing 4% of sugar. The percentage of sugar in the solution is

(1) 3 (2) 4 (3) 6 (4) 1

Key: 1

10. Two equal glasses are respectively $\frac{1}{4}$ and $\frac{1}{3}$ full of milk. Then they are filled with water and the contents are mixed in a tumbler. The ratio of milk to water in the tumbler is

(1) 3: 11 (2) 7: 17 (3) 9: 23 (4) 11: 23

Key: 2

11. A garrison has provisions for certain number of days. After 15 days, $\frac{1}{4}$ of the men left and if it is found that the provisions will now last just as before, how long was that?

(1) 50 days (2) 60 days (3) 70 days (4) 90 days

Key: 2

12. 14 men can complete a work in 12 days. Four days after they started the work, 2 more men joined them. How many days will they take to complete the remaining work?

(1) 7 (2) 8 (3) 9 (4) 6

Key: 1

13. A cistern normally takes 4 hours to be filled by a tap but because of a leak, takes 2 hour more. In how many hours will the leak empty the full cistern?

(1) 12 hours (2) 10 hours (3) 8 hours (4) 6 hours

Key: 1

14. A train moving with a speed of 40 kmph takes two hours 6 minutes more to cover a certain distance than a train moving at 96 kmph. The distance is

(1) 200 km (2) 144 km (3) 100 km (4) 96 km

Key: 2

15. If the simple interest on Rs.2000 increases by Rs.40, when the rate percentage increases by 2% per annum. Find the time.

(1) 2 years (2) 1.5 years (3) 1 year (4) 0.5 year

Key: 3

16. At what rate percent compound interest does a sum of money becomes four fold in 2 years?

- (1) 50% (2) 100% (3) 150% (4) 200%

Key: 2

17. A man walks a certain distance and rides back in 6.25 hours. He can walk both ways in 7.75 hours. How long it would take to ride both ways?

- (1) 4 hours (2) 4.25 hours (3) 4.5 hours (4) 4.75 hours

Key: 4

18. If the perimeter and diagonal of a rectangle are 14 cm² and 5 cm² respectively, then its area is

- (1) 20cm² (2) 16cm² (3) 12cm² (4) 8cm²

Key: 3

19. The radius of the wheel of a bus is 70 cm and the speed of the bus is 66 kmph, then the revolutions per minute (rpm) of the wheel is

- (1) 200 (2) 250 (3) 300 (4) 330

Key: 2

20. The base of a right prism is an equilateral triangle with a side of 7 cm. If its height is 24 cm, then its volume is nearly

- (1) 294cm³ (2) 625cm³ (3) 509cm³ (4) 588cm³

Key: 3

21. 12 spheres of same size are made from melting of a cylinder (solid) 6 cm in diameter and 6 cm in height. The diameter of each sphere is

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

Key: 3

22. A cone of height 7 cm and base diameter 6 cm is carved from a rectangular block of wood 11 cm x 6 cm x 2 cm. The percentage of wood wasted is

- (1) 15% (2) 25% (3) 40% (4) 50%

Key: 4

23. The roots of the equation $ax^2 + bx + c = 0$ will be reciprocal if

- (1) $a = b$ (b) $a = bc$ (3) $c = a$ (4) $b = c$

Key: 3



24. Express 45 minutes as the fraction of one day.

(1) $\frac{1}{24}$

(2) $\frac{1}{32}$

(3) $\frac{1}{40}$

(4) $\frac{1}{60}$

Key: 2

25. The ratio between a two digit number and the sum of digits of that number is 4 : 1. If the digit in the unit place is 3 more than the digit in the tenth place, then the number is

(1) 25

(2) 36

(3) 58

(4) 69

Key: 2

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Direction (Q. 1 to 4) :

Study the following series of numbers/alphabets and find the missing term from the given alternatives.

Q.1. 4, 5, 9, 18, 34,

- (1) 43 (2) 49 (3) 50 (4) 59

Key: 4

Q.2. QPO, SRQ, UTS, WVU,

- (1) XVZ (2) ZYA (3) YXW (4) VWX

Key: 3

Q.3. Q1F, S2E, U6D, W21C,

- (1) Y66B (2) Y44B (3) Y88B (4) Z88B

Key: 3

Q.4. 10, 17, 24, 31, 38,

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

Key: 2

Direction (Q. 5 to 8):

Each question given below has a problem and two statements numbered I and II giving certain information. Mark your answer as follows:

- (1) If the data in statement I alone is sufficient to answer the question
(2) If the data in statement II alone is sufficient to answer the question
(3) If both the data are not sufficient to answer the question
(4) If both the data together are needed to answer the question

Q.5. How many brothers does Vipin have?

- (I) Vipin's father has three children.
(II) Vipin has two sisters.

Key: 4

Q.6. How many visitors saw the exhibition yesterday?

- (I) Each entry pass holder can take up to three persons with him/her.
(II) In all, 243 passes were sold yesterday.

Key: 3

Q.7. What time did the train leave today?

- (I) The train normally leaves on time.
- (II) The scheduled departure is at 14.30.

Key: 3

Q.8. When is Hem's birthday this year?

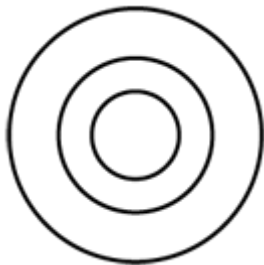
- (I) It is between January 13 and 15, January 13 being Monday.
- (II) It is not on Wednesday.

Key: 1

Direction (Q. 9 to 12):

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.

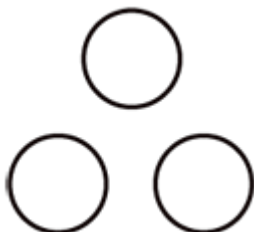
(1) .



(2) .



(3) .



(4) .



Q. 9. Island, Sea, Mountain

Key -4

Q. 10. Carnivores, Tiger, Fox

Key – 2

Q. 11. Instrumentalist, Musician, Violinist

Key – 1

Q. 12. Seed, Leaf, Root

Key -3

Direction (Q. 13 to 16): According to a code language words in capital letters in column I are written in small letter in column II. Words in column II do not appear in the same order as in column I. Moreover, the order of letters in column II are jumbled up. Decode the language and choose the correct code for the word given in each question.

Column I

Column II

(1) SOUND

(A) abi

(2) ADDRESS

(B) cjm v

(3) CRUX

(C) ikmop

(4) NET

(D) ijktv

(5) CRONY

(E) jkgotv

(6) CROWDY

(F) blooppv

Q.13. A

(1) b

(2) l

(3) v

(4) o

Key: 2

Q.14. C

(1) j

(2) k

(3) t

(4) v

Q.15. N

- (1) a (2) i (3) q (4) b

Key: 2

Q.16. S

- (1) k (2) p (3) v (4) m

Key: 2

Direction (Q. 17 – 20): Study the following information carefully and answer the questions given below it.

- (i) A, B, C, D, E and F are six members in a family in which there are two married couples.
- (ii) D is grandmother of A and mother of B.
- (iii) C is wife of B and mother of F.
- (iv) F is the granddaughter of E.

Q.17. How is C related to A?

- (1) Daughter (2) Grandmother (3) Mother (4) can not be determined

Key: 3

Q.18. How many male members are there in the family?

- (1) 2 (2) 3 (3) 4 (4) can not be determined

Key: 4

Q.19. Which among the following is one of the couples?

- (1) CD (2) DE (3) EB (4) can not be determined

Key: 2

Q.20. Which of the following is true?

- (1) A is brother of F. (2) A is sister of F.
- (3) D has two grandchildren. (4) B has two daughters.

Key: 3

Direction (Q. 21 – 25):

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.21. Statements : All plants are trees.
No tree is green.
Conclusions: I. Some plants are green.
II. Those plants which are not trees are green.

Key: 3

Q.22. Statements : Some men are educated.
Educated persons prefer small families.
Conclusions: I. All small families are educated.
II. Some men prefer small families.

Key: 2

Q.23. Statements : All students in my class are intelligent.
Himanshu is not intelligent.
Conclusions: I. Himanshu is not a student of my class.
II. Himanshu must work hard.

Key: 1

Q.24. Statements : All men are married.
Some men are educated.
Conclusions: I. Some married are educated.
II. Some educated are married.

Key: 4

Q.25. Statements : No man is a donkey.
Hem is a man.
Conclusions: I. Hem is not a donkey.
II. All men are not Hem.

Key: 1