

Section A: Logical Reasoning - Mixed Bag

Q1. Telephone : Cable :: Radio : ?

- A) Microphone
- B) Electricity
- C) Wire
- D) Wireless

Q2. 5, 12, 17, 29, 46, 75, 121, ___

- A) 185
- B) 196
- C) 192
- D) 188

Q3. How many meaningful English words can be formed with the letters “ESRO” using each letter only once in each word?

- A) One
- B) Two
- C) Three
- D) None

Q4. Study the information to answer the given questions: L, M, N, O, P, Q and R are sitting around a circle facing the centre. O is sitting between L and R. Q is second to the right of R and P is second to the right of Q. N is not an immediate neighbour of R.

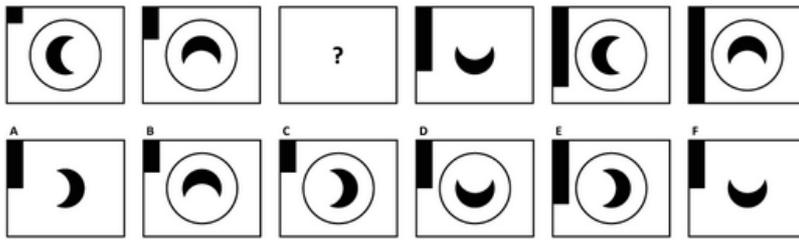
Q4 i) Which of the following is not correct?

- (a) M is second to the left of N
- (b) L sits exactly between O and P
- (c) P and N are immediate neighbours
- (d) P sits to the opposite of N

Q4 ii) How many persons are seated between L and Q if we count anticlockwise from L to Q?

- (a) One
- (b) Two
- (c) Three
- (d) Four

Q5. The boxes run in a sequence from left to right. Determine which box (from options A to F) goes in the missing part of the sequence



Section B: Verbal Aptitude

DIRECTIONS (Q.1 – 6): Read the passage that follow. The questions at the end of the passage are based on the contents of the passage. Choose your answers from the choices mentioned

PASSAGE:

Progress in the life depends a good deal on crossing one threshold after another. Some time ago a man watched his little nephew trying to write his name. It was hard work, very hard work. The little boy had arrived at an effort threshold. Today, he writes his name with comparative ease. No new threshold confronts him. This is the way with all of us. As soon as we cross one threshold, as soon as we conquer one difficulty, a new difficulty appears, or should appear. Some people make the mistake of steering clear of thresholds. Anything that requires genuine thinking and use of energy, they avoid. They prefer to stay in a rut where thresholds are not met. Probably, they have been at their job a number of years. Things are easy for them. They make no effort to seek out new obstacles to overcome. Real progress stops under such circumstances.

Some middle-aged and elderly people greatly enrich their lives by continuing to cross thresholds. One man went into an entirely new business when he was past middle age and made a success of it. De Morgan did not start to write novels until he was past sixty. Psychologists have discovered that man can continue to learn throughout the life. And it is undoubtedly better to try, and fail than not to try at all. Here, one can be placed in the category of the Swiss mountaineer of whom it was said, "He died climbing". When a new difficulty rises to obstruct your path, do not complain. Accept the challenge. Determine to cross this threshold as you have crossed numerous other thresholds in your past life. In the words of the poet, do not rest but strive to pass "from dream to grander dream".

Q1. What does progress in life depend upon?

- (a) good habits (b) overcoming one difficulty after another
 (c) hard work (d) spirit of service and, co-operation.

Q2. When did De Morgan start to write novels?

- (a) When he was a student (b) when he was sixty years old
(c) When he was below sixty. (d) When he was above sixty.

Q3. What does 'he died climbing' signify?

- (a) strove hard till the last moment of life. (b) he climbed the hill and then died
(c) he died before getting at the top (d) he died when he was climbing the hill

Q4. What does 'to pass from dream to grander dream' mean?

- (a) seeing one dream after another (b) always having great and greater aspiration in life.
(c) making plan after plan (d) seeing one good dream and then hoping for a better dream.

Q5. How can you accomplish the most difficult of tasks?

- (a) by mobilizing all possible resources (b) by sticking to hard work
(c) by doing it bit by bit and preserving in the effort
(d) by getting other people to do your work for you.

Q6. What obstructs real progress in life?

- (a) remaining at one and the same post (b) shunning every work
(c) stopping education (d) avoiding the use of thinking and energy.

DIRECTIONS(Q.7-9): Read the passage that follow. The questions at the end of the passage are based on the contents of the passage. Choose your answers from the choices mentioned

Observe the dilemma of fungus: it is a plant but does not possess chlorophyll. While all other plants put sun's energy to work for them combining nutrients of ground and air into the body structure the chlorophyllless fungus must look elsewhere for an energy supply. It finds it in those other plants which, having received their energy free from the sun, relinquish it at some point in their cycle either to animals (like us humans) or to fungi.

In this search for energy the fungus has become earth's major source of rot and decay. Whenever you see mold forming on a piece of bread, or a pile of leaves turning into compost, or a blown down tree becoming pulp on the ground, you are watching fungus eating. Without fungus action the earth would be piled high with dead plants of the past centuries. In fact, certain plants which contain resins which are toxic to fungi will last indefinitely: specimens of redwood, for instance, can still be found resting on the forest floor centuries after they have been blown down.

Q7. Which of the following words best describes the fungus as depicted in the passage?

- (a) unevolved
- (b) sporadic
- (c) enigmatic
- (d) parasitic.

Q8. The passage states all the following about fungi, EXCEPT

- (a) They are responsible for decomposition of much plant life.
- (b) They can not live completely apart from other plants.
- (c) They are vastly different from other plants
- (d) They are poisonous to resin producing plants.

Q9. The author is primarily concerned with

- (a) Warning people of the dangers of fungi
- (b) Writing humorous essay on fungi
- (c) Relating how plants use solar energy
- (d) Describing the action of fungi.

DIRECTIONS(Q.10 – 15): Each of the following words in capital letters is followed by four likely synonyms. One of them is NOT the correct synonym. Pick up that.

Q.10 ABSCOND:

- (a) disappear
- (b) verify
- (c) flee
- (d) hide

Q11. CANDID:

- (a) straight forward
- (b) frank
- (c) tenacious
- (d) truthful

Q12. DOGMATIC:

- (a) overbearing
- (b) macabre
- (c) assertive
- (d) positive

Q13. FALLACIOUS:

- (a) untrue
- (b) mandatory
- (c) misleading
- (d) specious

Q14. NAÏVE:

- (a) guileless (b) gnome
(c) innocent (d) unsophisticated

Q15. IMPEDIMENT:

- (a) obstacle (b) block
(c) hindrance (d) impertinent

DIRECTON for question 16 to 35: Choose the closest correct alternative.

16. The average of three number is 30.if two numbers are 26 and 22 what is the third number

- a) 42 b) 48 c) 39 d) 38

17. The average of Kanchan's marks in 7 subjects in 75. This average in six subjects excluding science is 72. How many marks did he get in science?

- a) 72 b) 90 c) 93 d) None of these

18. The ratio of ages of Meena & Mira is 4:3 sum of their age is 28 years. Meena's age is

- a) 16 b) 12 c) 7 d) 21

19. A father is twice as old as his son. 20 years age the age of father was 12 times his son's age . The present age of father (in year) is?

- a) 44 b) 32 c) 22 d)45

20. A number on subtracting 20 from it reduces to 80%. What is 50% of the number

- a) 60 b) 50 c) 45 d) 90

21. It is known that 40% of oranges are rotten. If the rotten mangoes is 36, the total number of oranges is

- a) 80 b) 90 c) 120 d)144

22. If A : B is 5 : 7 and B : C is 6 : 11 , then A : B : C will be
- a) 55:77:66 b) 30:42:77 c) 35:49:42 d) None of these
23. A certain amount was divided between Salim and Rahim in the ratio of 2:3. if Rahim 's share was 2400 the total amount will be
- a) 5600 b) 3200 c) 4000 d)1600
24. Three partners A , B and C invest Rs 36000, Rs 45000 and Rs 5400 respectively in a business out of total profit of Rs 37500 C's share is :
- a) 12500 b) 15000 c) 15500 d) 10000
25. A man puts Rs 9300 for 3 year in bank which promises 8% simple interest per annum. His amount after 3 years will be
- a) 2,232 b) 11,532 c) 10,850 d) 12,500
26. A can do a piece of work in 10 days which b alone can do the same work in 12 days. In how many days will they be able to do the work if they work together?
- a) 5.45 days b) 4.78 days c) 3.5 days d)None of these
27. At the rate of 6% p.a simple interest a sum of Rs 2500 will earn how much at the end of 5 years.
- a) Rs 150 b) Rs 700 c)Rs. 750 d)Rs 3250
28. A sum of Rs 7500 at compound interest at 4 % per annum for 2 year will be?
- a) 7,800 b)8,100 c) 8,112 d) 8,082
29. The population of a city increased from 133575 to 138918. The percentage increase in population is-
- a) 2.5% b) 3.5% c)4% d) 5%
30. A retailer buys a radio for Rs 225. His overhead expenses were Rs. 25. If he sells the radio at Rs 300 what will be his % profit.
- a) 10 b) 20 c) 52 d) 50