

Q-8 If the roots of $px^2 + qx + 4 = 0$ are reciprocal of each other, then value of p is

- A 0
B 2
C 4
D 1

Correct Answer : C

Q-9 What is the sum of all integers from 11 to 40?

- A 820
B 410
C 750
D 765

Correct Answer : D

Q-10 Minimum value of $f(x) = |x - 2|$ attains at the point

- A $x = 1$
B $x = 2$
C $x = 0$
D $x = -1$

Correct Answer : B

Q-11 The ratio of two numbers is 3: 4 and their H.C.F. is 4. Their L.C.M. is

- A 12
B 16
C 24
D 48

Correct Answer : D

Q-12 Find the unit digit in the product $(621 \times 731 \times 4297 \times 233)$

- A 2
B 1
C 4
D 5

Correct Answer : B

Q-13 What is the smallest number by which 72 must be multiplied to obtain a perfect cube

- A 2
B 3
C 4
D 5

Correct Answer : B

Q-14 There is a rectangular garden of 100 m by 50 m. A path of width 5 m is built around the garden (outside). What is the area of pathway?

- A 1500
B 800
C 1600
D 750

Correct Answer : C

Q-15 What is the slope of line passing through points (0,3) and (4,11)

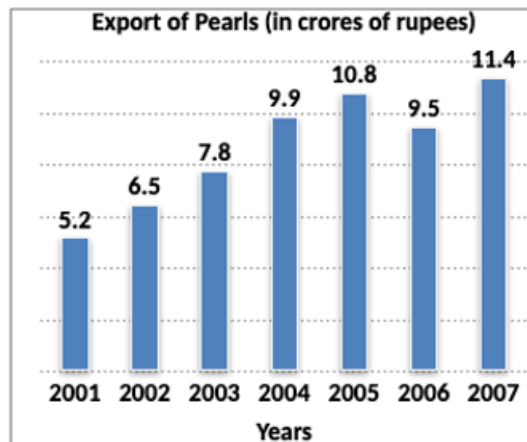
- A 2
B 1
C 4
D 3

Correct Answer : A

Q-16 How many 3 digit even numbers can be made using the digits 1,2,3,4,5,6,7. If no digit is repeated.

Q-24

Study the following bar-graph carefully and select the pair of years for which the average export of pearls is near to 9.



A 2002 and 2003

B 2003 and 2004

C 2004 and 2005

D 2005 and 2006

Correct Answer : B

Q-25 Fill the blank in the middle of the series or end of the following series.

SCD, TEF, UGH, _____, WKL

A CMN

B UJI

C VIJ

D IJT

Correct Answer : C

Q-26 In a certain code "LION" is written as "MNHK". How is "MONKEY" is written in that code?

A BWKXSU

B XDJMNL

C FSHXIL

D GQWPJS

Correct Answer : B

Q-27 If the letters of the word "PRODUCT" are arranged alphabetically, then which letter would be farthest from the second letter of word?

A U

B R

C T

D P

Correct Answer : A

Q-28 Introducing a woman, a man said, "Her husband is the only son of my father". How is that woman related to the man?

A Husband

B Sister

C Mother

D Wife

Correct Answer : D

Q-29 X and Y are the children of Z. If Z is the father of X but Y is not the son of Z, then what is the relationship between Y and Z?

- A Sister and Brother
B Niece and Uncle
C **Daughter and Father**
D Insufficient data

Correct Answer : C

Q-30 Three persons A, B and C gave these statements:
A said, either Freedom Party or Green Party won the elections.
B said, Freedom Party won.
C said, neither Freedom Party nor Green Party won the elections.
Of these persons, only one person is wrong.
Who won the elections?

- A **Freedom Party**
B Green Party
C Data Inadequate
D None of these

Correct Answer : A

Q-31 On an island there are three kinds of people
Truth-tellers: who always speak truth.
Liars: who always lie.
Alternators: who can either tell the truth or lie.
If Arun says "I am a liar". He should be

- A Truth-teller
B Liar
C **Alternator**
D Cannot be determined

Correct Answer : C

Q-32 In the upcoming cricket world cup 2026, total 9 teams will participate. Each team must play with other team once in the league stage. How many matches will be played in the league stage.

- A **36**
B 81
C 72
D 45

Correct Answer : A

Q-33 There are 16 teams and they are divided into 2 groups of 8 each. Each team in a group plays against one another on a round-robin basis. Two points are awarded for a win, one point for a tie and zero for a loss. The top four teams from each group will qualify for the next round i.e. round 2. In Round 2, each team of one group will play with each team of group two. At the end of the second round, the top four teams in terms of the points scored advance to the semi finals and the winners of the semi finals play the finals. In case of teams having the same number of wins, the team with better run-rate would be ranked ahead. What is the total number of matches played in the tournament?

- A 83
B 71
C 63
D **75**

Correct Answer : D

Q-34 There are eight persons S1, S2, S3, S4, S5, S6, S7 and S8 sitting around a circular table not necessarily in the same order. Each of the persons is facing towards the centre. S7 sits second to the right of S3. S2 sits third to the left of S4, who is the neighbour of S7. S6 is neither the neighbour of S2 nor S7. Neither S1 is the neighbour of S2 nor S5 is the neighbour of S3.

Who sits second to the right of the person who sits third to the left of S2?

- A **S5**
B S1
C S3
D S6

Correct Answer : A

Q-35 There are eight persons S1, S2, S3, S4, S5, S6, S7 and S8 sitting around a circular table not necessarily in the same order. Each of the persons is facing towards the centre. S7 sits second to the right of S3. S2 sits third to the left of S4, who is the neighbour of S7. S6 is neither the neighbour of S2 nor S7. Neither S1 is the neighbour of S2 nor S5 is the neighbour of S3.

How many persons sit between S5 and S8 when counted clockwise from S5?

- A Two
B One
C Three
D Five

Correct Answer : D

Q-36 There are eight persons S1, S2, S3, S4, S5, S6, S7 and S8 sitting around a circular table not necessarily in the same order. Each of the persons is facing towards the centre. S7 sits second to the right of S3. S2 sits third to the left of S4, who is the neighbour of S7. S6 is neither the neighbour of S2 nor S7. Neither S1 is the neighbour of S2 nor S5 is the neighbour of S3.

Who sits opposite S6?

- A S1
B S3
C S4
D S5

Correct Answer : B

Q-37 Eight persons namely A, B, C, D, E, F, G, and H are sitting in a straight row, four of them face north and four of them face south but not necessarily in the same order.

Three persons sit to the left of F and three persons sit between F and A, who sits at the extreme right end of the row. Both the immediate neighbours of F face South. B sits third to the left of A. D doesn't sit near A and B. E sits at the extreme left end of the row. B sits second to the left of H. G doesn't sit to the right of F and also doesn't face North. One person sits between D and E. C faces North.

Pick the odd one out.

- A A
B H
C C
D B

Correct Answer : D

Q-38 Eight persons namely A, B, C, D, E, F, G, and H are sitting in a straight row, four of them face north and four of them face south but not necessarily in the same order.

Three persons sit to the left of F and three persons sit between F and A, who sits at the extreme right end of the row. Both the immediate neighbours of F face South. B sits third to the left of A. D doesn't sit near A and B. E sits at the extreme left end of the row. B sits second to the left of H. G doesn't sit to the right of F and also doesn't face North. One person sits between D and E. C faces North.

Pick the odd one out.

- A C
B F
C B
D H

Correct Answer : C

Q-39 Surbhi ranks 18th in a class of 49 students. What is her rank from the last?

- A 31
B 28
C 35
D 32

Correct Answer : D

Q-40 In a row of letters, a letter is 5th from left end and 12th from the right end. How many letters are there in a row?

- A 15
B 16
C 17
D 18

- A Ever**
C Not at all

- B Never
D Hardly

Correct Answer : A

Q-50 Are you OK? You look as if _____

- A You are tired**
C You are never tired

- B You are not tired
D You are not tired at all

Correct Answer : A

Q-51 Do you _____ any questions?

- A Has
C Have

- B Had
D Having

Correct Answer : C

Q-52 We _____ watching cricket in childhood.

- A Love
C Loves

- B Loving
D Loved

Correct Answer : D

Q-53 He is _____ golf.

- A Play
C Playing

- B Plays
D Played

Correct Answer : C

Q-54 That bag looks heavy. I'll _____ you with it.

- A Helped**
C Helping

- B Help
D Helps

Correct Answer : A

Q-55 Can you wait for me? I _____ be very late.

- A Will not
C Would not

- B Won't**
D Could not

Correct Answer : B

Q-56 Everyone will be _____ the film.

- A Watch
C Watches

- B Watched
D Watching

Correct Answer : D

Q-57 I'll be angry _____ it happens again?

- A If**
C Neither

- B And
D Ever

Q-58 Let's wait until It _____ raining.

A Stops

B Stopped

C Stopping

D Stop

Correct Answer : A

Q-59 We had a lovely room in hotel. We _____ see the lake.

A Can

B Could

C Had

D Have

Correct Answer : B

Q-60 What should we _____ tonight.

A Eat

B Eaten

C Eats

D Ate

Correct Answer : A

