

VERBAL ABILITY

(Q. No. 1- 5) **SYNONYMS:** Choose the best option with the closest meaning to the word given in question in capital letters:

Q. No. 1

ACCOMPLISH

A) Achieve

B) Lead

C) Begin

D) Trial

☒ A ☐ B ☐ C ☐ D

Q. No. 2

MANDATORY

A) Maintain

B) Useful

C) Necessary

D) Optional

☐ A ☐ B ☒ C ☐ D

Q. No. 3

OMIT

A) Offer

B) Choose

C) Trial

D) Leave out

☐ A ☐ B ☐ C ☒ D

Q. No. 4

AUSPICIOUS

NOTE:
"AUSPICIOUS" generally means favorable, fortunate, or conducive to success

A) Lucky

B) Fate

C) Attract

D) Right

☒ A ☐ B ☐ C ☐ D

Q.No.5	ENCOURAGE	
A) Recommend	B) Annoy	
C) Inspire	D) Prepare	
<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D <input type="button" value="Clear Answer"/> <input type="button" value="Mark For Review"/>		

(Q. No. 6-10) ANTONYMS: Choose the best option with the opposite meaning to the word given in question in capital letters:		
Q.No.6	POWERFUL	
A) Simple	B) Weak	
C) Saint	D) King	
<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D <input type="button" value="Clear Answer"/> <input type="button" value="Mark For Review"/>		

Q.No.7	VOLUNTARY	
A) Wilful	B) Allow	
C) Obligatory	D) Obstruct	
<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D <input type="button" value="Clear Answer"/> <input type="button" value="Mark For Review"/>		

Q.No.8	SACRED	
A) Dislike	B) Dirty	
C) Salient	D) Unholy	
<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D <input type="button" value="Clear Answer"/> <input type="button" value="Mark For Review"/>		

Q.No.9	
PRAISE	
A) Blame	B) Misconduct
C) Commend	D) Objection
<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="button" value="Clear Answer"/> <input type="button" value="Mark For Review"/>

Q.No.10	
ARRIVAL	
A) Stay	B) Part
C) Departure	D) Approach
<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D	<input type="button" value="Clear Answer"/> <input type="button" value="Mark For Review"/>

(Q. No.11-13) SENTENCE CORRECTION: Choose the option that best replaces the underlined portion of the sentence in the given question	
Q.No.11	
<u>You should tell to me exactly what happened</u> in the school.	
A) You should tell for me exactly what happened	
B) You should tell me exactly what happened	
C) You should tell exactly tell what happened to me	
D) You exactly tell to me what happened	
<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="button" value="Clear Answer"/> <input type="button" value="Mark For Review"/>

Q.No.12

Before starting a program of diet and exercise, a consultation with your physician is advisable.

- A) a consultation with your physician is advisable
- B) it is advisable to have a consultation with your physician
- C) a physician's consultation is advisable
- D) You should consult your physician.

☐ A ☒ B ☐ C ☐ D

Q.No.13

The Second World War, which claimed several lives, proved to be the deadliest conflict in human history, claiming nearly twice as many lives than would be killed in First World War.

- A) lives than would be killed in First World War.
- B) lives as would First World War.
- C) lives as First World War.
- D) lives than First World War.

☒ A ☐ B ☐ C ☐ D

(Q. No. 14 -16) SENTENCE COMPLETION

Instructions: Choose the option that best completes the sentence given in the question

Q.No.14

It is _____ that students do not repay their student loans and thereby make it more _____ for future generations of students to obtain them.

- A) unfortunate; urgent
- B) regrettable; difficult
- C) unforgivable; likely
- D) laudable; practical

☐ A ☒ B ☐ C ☐ D

Q.No.15

Although her initial success was _____ by the fact that she was the daughter of a famous actor, the critics later _____ her as a star in her own right.

- A) enhanced; acclaimed
- B) impeded; criticized
- C) superseded; disavowed
- D) refuted; summarily acknowledged

☒ A ☐ B ☐ C ☐ D

Q.No.16

While scientists continue to make advances in the field of _____, some members of the clergy continue to oppose the research, arguing that it is _____ for human beings to tamper with life.

- A) psychology; imperative
- B) astronomy; fallacious
- C) genetics; immoral
- D) botany; unethical

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

(Q. No. 17-20) READING COMPREHENSION

Instructions: Read the passage given and choose the best option for the questions based on the information provided in passage.

One continuing problem in labor-management relations is the "us/ them" mentality. In addition to fiscal constraints, continuing problems with the Fair Labor Standards Act, bad-faith negotiations, bad management practices, poor union leadership, and a continued loss of management prerogatives will all combine to produce forces that will cause a significant increase in disruptive job actions in the near future. Neither side is blameless. The tragedy of the situation is that the impact of poor labor-management relations is relatively predictable and is thus avoidable.

Since the economic situation will not improve significantly in the next few years, the pressure on the part of union leaders to obtain more benefits for their members will be frustrated. As a result of the PATCO strike, management has learned that times are conducive to regaining prerogatives lost during the previous decade. The stage for confrontation between labor and management in the public sector is set, and in many areas, only requires an incident to force disruptive job actions. The only solution to this seemingly intractable problem lies in the area of skilled negotiations and good-faith bargaining. This requires commitment on the part of management and labor to live up to the terms of existing contracts.

Q.No.17

It can be inferred that the PATCO strike

Q.No.18

The author's discussion of labor-management relations can best be described as

- A) extremely pro-labor
- B) mildly pro-labor
- C) neutral
- D) mildly pro-management

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

Q.No.19

The author implies that if the economic conditions improve

- A) management will lose much of its power
- B) labor leaders will not seek more benefits
- C) labor - management tensions will decline
- D) labor will win a voice in management

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.20

The author mentions all of the following as factors that might contribute to disruptive job actions EXCEPT:

- A) unsatisfactory union leadership
- B) loss of management control
- C) bad-faith negotiations
- D) low interest rates

☐ A ☐ B ☐ C ☒ D

Clear Answer

Mark For Review

REASONING

(Q. No. 21-23)

Instructions: Select the lettered pair that has the same relationship as the original pair of words

Q.No.21

Hook : Fish

A) Stadium : Games

B) Glove : Ball

C) Symphony : Music

D) Word : Alphabet

☐ A ☒ B ☐ C ☐ D

Q. No. 22

Money : Transaction

A) Life : Death

B) Water : Drink

C) Ideas : Exchange

D) Language : Conversation

☐ A ☐ B ☒ C ☐ D

Q. No. 23

Preamble : Constitution

A) Word : Dictionary

B) Contents: Magazine

C) Explanation: Poetry

D) Preface : Book

☐ A ☐ B ☐ C ☒ D

(Q. No. 24 - 29)

Instructions: Study the following information carefully and answer the questions given below:

All the six members of a family A, B, C, D, E and F are travelling together. B is the son of C but C is not the mother of B. A and C are married couple. E is the brother of C. D is the daughter of A. F is the brother of B.

Q. No. 24

How many male members are there in the family?

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

☐ A ☐ B ☐ C ☒ D

Q. No. 25

Who is the mother of B?

A) D B) F C) E D) A

☐ A ☐ B ☐ C ☒ D

Q. No. 26

How many children does A have?

A) One B) Two C) Three D) Four

☐ A ☐ B ☒ C ☐ D

Q. No. 27

Who is the wife of E?

A) A B) F C) B D) Can't be determined

☐ A ☐ B ☐ C ☒ D

Q. No. 28

Which of the following is a pair of females?

A) AE B) BD C) DF D) AD

☐ A ☐ B ☐ C ☒ D

Clear Answer

Mark For Review

Q. No. 29

How is E related to D?

A) Father B) Brother C) Uncle D) Can't be determined

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

(Q. No. 30 - 35)**Instructions: Choose the best answer for the questions given below:**

Q. No. 30

From his house, Lokesh went 15 kms to the North. Then he turned West and covered 10 kms. Then, he turned South and covered 5 kms. Finally, turning to East, he covered 10 kms. In which direction is he from his house ?

A) East B) West C) North D) South

☒ A ☐ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.31

Ravi is 7 ranks ahead of Sumit in a class of 39. If Sumit's rank is seventeenth from the last, what is Ravi's rank from the start?

A) 14th B) 15th C) 16th D) 17th☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

Q.No.32

In the given number sequence, how many 7's are preceded by 9 and followed by 6 ?

7 8 9 7 6 5 3 4 2 8 9 7 2 4 5 9 2 9 7 6 4 7

- A) 2 B) 3 C) 4 D) None

☒ A ☐ B ☐ C ☐ D

Q.No.33

The priest told the devotee, "The temple bell is rung at regular intervals of 45 minutes. The last bell was rung five minutes ago. The next bell is due to be rung at 07:45 a.m." At what time did the priest give this information to the devotee?

- A) 07:40 a.m B) 07:05 a.m C) 06:55 a.m D) None of these

☐ A ☒ B ☐ C ☐ D

Q.No.34

Since October has 31 days, and a week has 7 days, we divide 31 by 7 which gives us 4 weeks and 3 days

If 1st October is Sunday, then 1st November will be

- A) Monday B) Tuesday C) Wednesday D) Thursday

☐ A ☐ B ☒ C ☐ D

Q.No.35

Which letter in the word 'SELFRIGHTEOUSNESS' does not change its position when the letters are reversed?

- A) E B) G C) H D) T

☐ A ☐ B ☐ C ☒ D

NUMERICAL ABILITY

Q.No.36

If a sum of money at simple interest doubles in 6 years, it will become 4 times in

- A) 12 years
B) 14 years
C) 16 years
D) 18 years

To solve this, we can use the relationship between the time it takes for an amount to double and the time it takes for it to quadruple in simple interest.
If a sum of money doubles in 6 years at simple interest, we can deduce the following:
Let's assume the principal amount is P.
After 6 years, it becomes 2P. Therefore, the interest earned in 6 years is P.
Using the same rate of interest, to find the time required for the sum to become 4P:
Initially, it becomes 2P in 6 years, and for it to double again to 4P, it will take another 6 years because the rate of interest and principal remain constant.
So, the total time to become 4P is 6 years (to double to 2P) + 6 years (to double again to 4P), which equals 12 years.

☒ A ☐ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.37

Rajesh gain 70 paise on selling an item of Rs. 70. His gain percent is:

- A) 0.1%
B) 1%
C) 7%
D) 10%

To find the gain percent, we first need to determine the gain and then calculate the percentage gain relative to the cost price.
1. Calculate the gain:
The gain is 70 paise.
1 rupee = 100 paise, so 70 paise = 0.70 rupees.
2. Determine the cost price:
The cost price (CP) of the item is Rs. 70.
3. Calculate the gain percent:
 $\text{Gain percent} = (\text{Gain}/\text{Cost Price}) \times 100$
 $\text{Gain percent} = (0.70/70) \times 100$
4. Simplify the calculation:
 $\text{Gain percent} = (0.70/70) \times 100 = (1/100) \times 100 = 1\%$

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.38

X does a work in 10 days and Y does the same work in 15 days. In how many days they together will do the same work

- A) 5 days
B) 6 days
C) 8 days
D) 9 days

To determine how many days X and Y will take to complete the work together, we can use the concept of work rates. Here's the step-by-step calculation:
1. Calculate the work rate of X:
X completes the work in 10 days.
Work rate of X = $1/10$ of the work per day.
2. Calculate the work rate of Y:
Y completes the work in 15 days.
Work rate of Y = $1/15$ of the work per day.
3. Combine their work rates:
Combined work rate of X and Y = $1/10 + 1/15$
4. Find a common denominator to add the fractions:
Common denominator of 10 and 15 is 30.
Convert the fractions:
 $1/10 = 3/30$ and $1/15 = 2/30$
Add the fractions:
 $3/30 + 2/30 = 5/30 = 1/6$
5. Determine the combined work rate:
X and Y together can complete $1/6$ of the work per day,
they will complete the work in 6 days

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.39

If $1400 \times A = 1050$, Then, $A = ?$

- A) $1/4$
- B) $3/5$
- C) $2/3$
- D) $3/4$

☐ A ☐ B ☐ C ☒ D

Clear Answer

Mark For Review

Q.No.40

The highest common factor of 36 and 84

- A) 4
- B) 6
- C) 12
- D) 18

Factors of 36: 1,2,3,4,6,9,12,18,36
Factors of 84: 1,2,3,4,6,7,12,14,21,28,42,84

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

Q.No.41

If a 75% of a number is added to 75, then the result is the number itself. The number is:

- A) 50
- B) 60
- C) 300
- D) 400

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

Q.No.42

The average of five numbers is 27. If one number is excluded, the average becomes 25.
The excluded number is:

- A) 25
- B) 27
- C) 30
- D) 35

☐ A ☐ B ☐ C ☒ D

Clear Answer

Mark For Review

Q.No.43

Two pipes X and Y can fill a tank in 20 and 30 minutes respectively. If both the pipes are used together, then how long will it take to fill the tank?

- A) 12 min
- B) 15 min
- C) 25 min
- D) 50 min

Pipe X can fill the tank in 20 minutes, so its rate is $1/20$ of the tank per minute.
Pipe Y can fill the tank in 30 minutes, so its rate is $1/30$ of the tank per minute.
When both pipes are used together, their rates add up:
Combined rate = $1/20 + 1/30$
To add these fractions, we find a common denominator, which is 60:
 $1/20 = 3/60$, $1/30 = 2/60$
Combined rate = $3/60 + 2/60 = 5/60 = 1/12$
So, together, the pipes fill $1/12$ of the tank per minute.
Therefore, it will take them 12 minutes to fill the tank.

☒ A ☐ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.44

At present, the ratio between the ages of X and Y is 4:3. After 6 years, X age will be 26 years. What is the age of Y at present?

- A) 12 years
- B) 15 Years
- C) 19 Years
- D) 21 Years

1. Understanding the current ages and ratio:
Let the current ages of X and Y be $4x$ and $3x$ respectively, where x is the common multiple.
According to the problem, the ratio of their ages currently is 4:3.
After 6 years, X's age will be 26 years.
2. Formulate the equation:
Given that after 6 years, X's age will be 26 years, we can write:
 $4x + 6 = 26$

$$4x = 26 - 6$$
$$4x = 20$$
$$x = 20/4 = 5$$

3. Calculate Y's current age:
Now that we have $x=5$:
Age of Y = $3x = 3 \times 5 = 15$ years

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.45

If 15% of $x = 20\%$ of y , then $x:y$ is?

- A) 3:4
B) 4:3
C) 17:16
D) 16:17

Given that 15% of x is equal to 20% of y , we can set up the equation:
 $\frac{15}{100} * x = \frac{20}{100} * y$
 Simplify the fractions:
 $0.15x = 0.20y$
 To eliminate decimals, multiply both sides by 100:
 $15x = 20y$
 Now, divide both sides by 5 to simplify:
 $3x = 4y$
 This equation $3x = 4y$ represents the relationship between x and y .
 To find the ratio of x to y , divide both sides of the equation by y :
 $x/y = 4/3$

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.46

A and B started a partnership business investing some amount in the ratio of 3:5.
 C joined them after 6 months with an amount equal to that of B. In what proportion should the profit at the end of one year be distributed among A, B and C?

- A) 3:5:2
B) 3:5:5
C) 6:10:5
D) None of these

A and B start a partnership with investments in the ratio 3:5.
 C joins after 6 months with an amount equal to B's investment.
 Let's break down the investments and the periods:
 1. Initial Investments:
 Let A's investment be $3x$.
 Let B's investment be $5x$.
 2. C's Investment:
 C joins after 6 months with an investment equal to B's investment $5x$.
 3. Investment Periods:
 A and B invest for the entire year (12 months).
 C invests for 6 months.
 4. Total Contribution:
 a. A's total contribution = $3x * 12 = 36x$.
 b. B's total contribution = $5x * 12 = 60x$.
 C's total contribution = $5x * 6 = 30x$.

5. Total Investment and Profit Distribution:
 Total investment = $36x + 60x + 30x = 126x$.
 6. Profit Distribution:
 a. A's share of profit = $36x / 126x = 36/126 = 12/42 = 4/14 = 2/7$
 b. B's share of profit = $60x / 126x = 60/126 = 20/42 = 10/21$
 c. C's share of profit = $30x / 126x = 30/126 = 10/42 = 5/21$
 To express these shares in the ratio format:
 Multiply each ratio by a common factor to get whole numbers:
 a. A's share = $2/7 * 21 = 6$
 b. B's share = $10/21 * 21 = 10$
 c. C's share = $5/21 * 21 = 5$.
 Therefore, the profit should be distributed in the ratio of 6:10:5

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

Q.No.47

A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?

- A) 3.6
B) 7.2
C) 8.4
D) 10

To find the speed in km per hour, we first need to convert the given measurements into consistent units.

- Convert the distance from meters to kilometers:
 - Distance = 600 meters = $600 \div 1000$ kilometers
 (since 1 kilometer = 1000 meters)
 - Distance in kilometers = 0.6 kilometers
- Convert the time from minutes to hours:
 - Time = 5 minutes = $5 \div 60$ hours (since 1 hour = 60 minutes)
 - Time in hours = $5/60$ hours = $1/12$ hours
- Calculate the speed:
 - Speed = Distance / Time
 - Speed = $0.6 \div (1/12)$ hours
 - Speed = $0.6 * 12$ km/h
 - Speed = 7.2 km/h

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.48

Find the ratio in which rice at Rs. 7.20 a kg is mixed with rice at Rs. 5.70 a kg to produce a mixture worth Rs. 6.30 a kg?

- A) 1:3
B) 2:3
C) 3:4
D) 4:5

- Price of rice A = Rs. 7.20 per kg
- Price of rice B = Rs. 5.70 per kg
- Price of the mixture = Rs. 6.30 per kg
We need to find the ratio x/y where x is the quantity of rice A and y is the quantity of rice B.
1. **Setup the equation based on the prices:**
The average price of the mixture can be expressed using a weighted average formula:
 $7.20x + 5.70y / (x + y) = 6.30$
2. **Solve for the ratio x/y :Simplify and solve the equation:
 $7.20x + 5.70y = 6.30(x + y)$
 $7.20x + 5.70y = 6.30x + 6.30y$
 $7.20x - 6.30x = 6.30y - 5.70y$
 $0.90x = 0.60y$
 $x/y = 0.60/0.90 = 2/3$
Therefore, the ratio in which rice A at Rs. 7.20 per kg should be mixed with rice B at Rs. 5.70 per kg to obtain a mixture worth Rs. 6.30 per kg is 2:3

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

Q.No.49

How many times are the hands of a clock at right angle in a day?

- A) 22
B) 24
C) 48
D) 44

☐ A ☐ B ☐ C ☒ D

Clear Answer

Mark For Review

Q.No.50

What is the probability of getting a sum 9 from two throws of a dice?

- A) 1/6
B) 1/8
C) 1/9
D) 1/12

To find the probability of getting a sum of 9 from two throws of a dice, we first need to determine the number of favorable outcomes and the total number of possible outcomes.

Each throw of a fair six-sided dice can result in any number from 1 to 6.

Step-by-step calculation:

- **List all possible outcomes for two dice throws:**
- The possible sums range from 2 (1+1) to 12 (6+6).
- **Identify the favorable outcomes (sum = 9):**
- The pairs that sum up to 9 are: (3, 6), (4, 5), (5, 4), and (6, 3).
- **Calculate the number of favorable outcomes:**
- There are 4 favorable outcomes: (3, 6), (4, 5), (5, 4), and (6, 3).
- **Calculate the total number of possible outcomes:**
- Each dice has 6 faces, so there are $6 \times 6 = 36$ total outcomes.
- **Determine the probability:**
- Probability = (Number of favorable outcomes) / (Total number of outcomes)
- Probability = $4 / 36$
- Probability = $1 / 9$

Therefore, the probability of getting a sum of 9 from two throws of a dice is:

C) 1/9

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review