1 ✔	18 ✔	35
2 ✔	19 ✔	36 ✔
3 ✔	20 ✔	37 ✔
4 ✔	21 ✔	38
5 ✔	22 ✔	39 ✔
6 ✔	23 ✔	40
7 ✔	24 ✔	41 ✔
8 ✔	25 ✔	42 ✔
9 ✔	26 ✔	43 ✔
10 ✔	27 ✔	44 ✔
11 ✔	28 ✔	45 ✔
12 ✔	29	46

English

Read the following passage and answer the questions [Q1 – Q5]:

Ocean water plays an indispensible role in supporting life. The great ocean basins hold about 300 million cubic miles of water. From this vast amount, about 80,000 cubic miles of water are sucked into the atmosphere each year by evaporation and returned by precipitation and drainage to the ocean. More than 24,000 cubic miles of water descend annually upon the continents. This vast amount is required to replenish the lakes and streams, springs and water tables on which all flora and fauna are dependent. Thus, the hydrosphere permits organic existence. The hydrosphere has strange characteristics because water has properties unlike those of any other liquid. One anomaly is that water upon freezing expands by about 9 percent, whereas most liquids contract on cooling. For this reason, ice floats on water bodies instead of sinking to the bottom. if the ice sank, the hydrosphere would soon be frozen solidly, except for a thin layer of surface melt water during the summer season. Thus all aquatic life would be destroyed and the interchange of warm and cold currents, which moderates climate, would be notably absent. Another outstanding characteristic of water is that it has a heat capacity which is the highest of all liquids and solids except ammonia. This characteristic enables the oceans to absorb and store vast quantities of heat, thereby often preventing climatic extremes. In addition, water dissolves more substances than any other liquid. it is this characteristic which helps make oceans a great storehouse for minerals which have been washed down from the continents. In several areas of the world these minerals are being commercially exploited. Solar evaporation of salt is widely practiced, potash is extracted from the Dead sea, and magnesium is produced from sea along the American Gulf coast.

Q. No. 1

According to the passage, fish can survive in the oceans because

A. Ice floats.
B. Evaporation and condensation create a water cycle.
C. There are currents in the oceans.
D. They do not need oxygen.
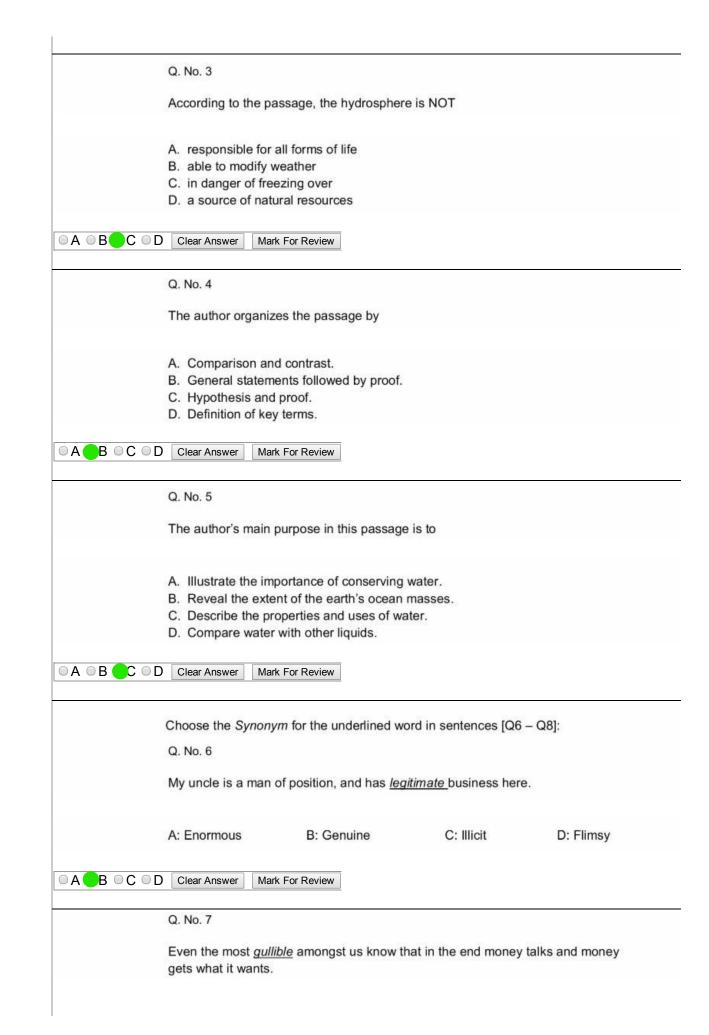
● A ○ B ○ C ○ D   Clear Answer   Mark For Review

Q. No. 2

Which of the following characteristics of water does the author mention in the passage?

I. Water expands when it is frozen.
II. Water is a good solvent.
III. Water can absorb heat.

A. I only
B. I & II only
C. II & III only
D. I,II and III

○ A ○ B ○ C ● D   Clear Answer   Mark For Review

Q. No. 3

According to the passage, the hydrosphere is NOT

A. responsible for all forms of life
B. able to modify weather
C. in danger of freezing over
D. a source of natural resources

○A ○B ●C ○D   Clear Answer   Mark For Review

Q. No. 4

The author organizes the passage by

A. Comparison and contrast.
B. General statements followed by proof.
C. Hypothesis and proof.
D. Definition of key terms.

○A ●B ○C ○D   Clear Answer   Mark For Review

Q. No. 5

The author's main purpose in this passage is to

A. Illustrate the importance of conserving water.
B. Reveal the extent of the earth's ocean masses.
C. Describe the properties and uses of water.
D. Compare water with other liquids.

○A ○B ●C ○D   Clear Answer   Mark For Review

Choose the *Synonym* for the underlined word in sentences [Q6 – Q8]:

Q. No. 6

My uncle is a man of position, and has *legitimate* business here.

A: Enormous   B: Genuine   C: Illicit   D: Flimsy

○A ●B ○C ○D   Clear Answer   Mark For Review

Q. No. 7

Even the most *gullible* amongst us know that in the end money talks and money gets what it wants.

A: Innocent   B: Stingy   C: Shrewd   D: Dishonest

● A ○ B ○ C ○ D   [Clear Answer]   [Mark For Review]

Q. No. 8

The company remained *circumspect* today in its statement on the commission's decision.

A: Vigilant   B: Silent   C: Speculate   D: Verify

● A ○ B ○ C ○ D   [Clear Answer]   [Mark For Review]

Choose the *Antonym* for the underlined word in sentences [Q9 – Q11]:

Q. No. 9

It is also about science itself becoming increasingly *baffled* by time.

A: perplexed   B: tenderized   C: toughened   D: clarified

○ A ○ B ○ C ● D   [Clear Answer]   [Mark For Review]

Q. No. 10

The mixed numbers present a *muddled* view of the economy.

A: ordered   B: distracted   C: deep   D : tangled

● A ○ B ○ C ○ D   [Clear Answer]   [Mark For Review]

Q. No. 11

He noted that they have been through nearly a year of investigations and *relegated* to desk duty.

A: demoted   B: reprimanded   C: promoted   D: admired

○ A ○ B ● C ○ D   [Clear Answer]   [Mark For Review]

Choose the *grammatical word / phrase* to fill in the sentences [Q12 – Q14]:

Q. No. 12

The blind man would have injured himself, if you _____ him.

A: has not helped   B: had not helped

C: have not helped   D: do not help

○ A ● B ○ C ○ D   Clear Answer   Mark For Review

Q. No. 13

An increase in population, without an increase in economic level,_____

result in a lower standard of living.

A: tends to   B: tending to

C: will tend   D: tends

● A ○ B ○ C ○ D   Clear Answer   Mark For Review

Q. No. 14

I did not see the point of _____ waiting for them.

A: hanging on   B: hang together

C: hanging around   D: hanging up

○ A ○ B ● C ○ D   Clear Answer   Mark For Review

Q. No. 15

His most striking _____ is the enthusiasm which he brings to everything he does.

A: factor   B: character

C: characteristic   D: attitude

○ A ○ B ● C ○ D   Clear Answer   Mark For Review

Q. No.16

The Jury's views _____ with those of the lawyer on the issue of crime and punishment.

A: ally   B: coincide   C: apprise   D: consent

○ A ● B ○ C ○ D   Clear Answer   Mark For Review

Q. No. 17

The prisoner showed no _____ for his crimes.

A: hatred   B: obstinacy   C: remorse   D: anger

○ A ○ B ● C ○ D   Clear Answer   Mark For Review

Choose the alternative *for underlined idioms/phrases* in sentences [Q18 – Q20]:

Q. No. 18

I went into this *with my eyes open*.

A: full confidence
B: full knowledge of all relevant facts
C: full concentration
D: fully assured

○ A ● B ○ C ○ D   Clear Answer   Mark For Review

Q. No. 19

The loud noise made me *jump out of my skin*.

A : extremely shocked   B: felt sick

C: felt scared   D: jump high

● A ○ B ○ C ○ D   Clear Answer   Mark For Review

Q. No. 20

The mayor's critics were *laughing up their sleeves* when news of the scandal was first reported

A: laughing loudly   B: making a mockery of

C: secretly amused   D: out of control

○ A ○ B ● C ○ D   Clear Answer   Mark For Review

Quantitative Aptitude

Q.No.21

The average of 5 numbers is 6. The average of first two numbers is 3. The average of last two numbers is 9. Third number is?

a. 6

b. 9

c. 7

d.8

🟢a ○b ○c ○d [Clear Answer] [Mark For Review]

Q.No.22

If n=100, r = 3, $n(n-1)(n-2)...(n-r+1) = ?$

a. n !

b. n! X r-1

c. n! / (n-r+1)!

d. n! / (n-r)!

○a ○b ○c 🟢d [Clear Answer] [Mark For Review]

Q.No.23

What least number must be added to 999 to obtain a number which is completely divisible by 19?

a. 9

b. 7

c. 5

d. 8

○a ○b ○c ○d [Clear Answer] [Mark For Review]

Q.No.24

Find the highest common factor of 300 and 396

a.   9

b.   6

c.   12

d.   8

○a ○b ●c ○d   Clear Answer   Mark For Review

Q.No.25

If the sales tax for TV is reduced from 10% to 8% what difference does it make to a
person who purchase an article with marked price of Rs.9000.

Certainly! Let's calculate the difference in the total cost when the sales tax changes from 10% to 8%.

a. Rs.120

1. **Initial Tax Rate (10%)**:/
   - Initial tax amount = 9000 * 10/100 = Rs.900

b. Rs.160

2. **New Tax Rate (8%)**:
   - New tax amount = $$9000* 8/100 = Rs.720

c. Rs.180

3. **Difference**:
   - Difference = Initial tax amount - New tax amount
   - Difference = 900 - 720 = Rs.180

d. Rs.100

Therefore, the difference in cost for the person purchasing the TV is **Rs.180**

○a ○b ●c ○d   Clear Answer   Mark For Review

Q.No.26

At present, the ratio between ages of Ram and Ravi is 3:4. After 5 years Ravi's age is
25. What is the age of Ram?

Given:
- The present ratio of Ram's age to Ravi's age is 3:4.

a. 25

- After 5 years, Ravi's age will be 25 years.
First, let's find Ravi's current age:
Let Ravi's current age be 4x

b. 15

After 5 years, Ravi's age will be 4x + 5 = 25 \]
Now, solve for \(x \):
4x + 5 = 25

c. 20

4x = 20
x = 5
So, Ravi's current age is 4x = 4 * 5 = 20 years.

d. 30

Next, find Ram's current age using the given ratio:
Ram's current age} = 3x = 3 * 5 = 15

○a ●b ○c ○d   Clear Answer   Mark For Review

Q.No.27

97801 + 45756 = 178978 - ?

Let's solve the given equation step by step:
97801 + 45756 = 178978 - x
First, calculate the left-hand side:
97801 + 45756 = 143557
Now, set up the equation using the calculated value:
143557 = 178978 - x
To find \(x \), subtract 143557 from 178978:

a. 22561

x = 178978 - 143557
x = 35421
Therefore, the value of x is 35421

b. 33751

c. 42521

d. 35421

○a ○b ○c ●d   Clear Answer   Mark For Review

Q.No.28

What percent of 7 is 84

a. 120%

b. 12%

c. 1200%

d. 12.5%

To find out what percent 84 is of 7, we use the formula for percentage:

Percentage = (Part / Whole) * 100

Here, 84 is the part and 7 is the whole.

Percentage =(84/7) * 100
Percentage = 12 * 100
Percentage = 1200%

○a ○b ●c ○d   Clear Answer   Mark For Review

Q.No.29

In what ratio must wheat at Rs. 9.30 per kg be mixed with wheat at Rs. 10.80 per kg so that the mixture be worth Rs. 10 per kg?

a. 8 : 7

b. 6 : 5

c. 4 : 3

d. 9 : 7

●a ○b ○c ○d   Clear Answer   Mark For Review

Q.No.30

A sum of 8000 amounts to 9200 in three years at a simple interest. If the interest rate is increased by 2%, interest earned for three years is?

a. 1680

b. 1580

c. 1450

d. 1600

Let's calculate the interest earned for three years using the given information:
1. **Initial Amount (Principal)**:
   - The initial amount (Principal) = Rs. 8000
2. **Final Amount (After 3 Years)**:
   - The final amount = Rs. 9200
3. **Interest Earned**:
   - Simple Interest (S.I.) = Final amount - Principal
   - S.I. = Rs. 9200 - Rs. 8000 = Rs. 1200
4. **New Interest Rate (Increased by 2%)**:
   - New interest rate = 5% + 2% = 7% (expressed as a decimal: 0.07)
5. **New Final Amount**:
   - New final amount = Principal × (1 + New interest rate × Time)
   - New final amount = Rs. 8000 × (1 + 0.07 × 3) = Rs. 9680
6. **Interest Earned with Increased Rate**:
   - Interest earned = New final amount - Principal
   - Interest earned = Rs. 9680 - Rs. 8000 = Rs. 1680
Therefore, the interest earned for three years with the increased interest rate is **Rs. 1680**

●a ○b ○c ○d   Clear Answer   Mark For Review

Q.No.31

If 17xy + 7 = 19xy then 4xy = ?

a. 7

b. 3.5

c. 28

d. 14

To solve the equation 17xy + 7 = 19xy we first need to isolate xy
Given:
17xy + 7 = 19xy
Subtract 7xy from both sides:
7 = 19xy - 17xy
7 = 2xy
Now, solve for xy:
2xy = 7
xy = 7/2
Now, we need to find 4xy:
4xy = 4 * 7/2
4xy = 14
Therefore, \4xy = 14.

○a ○b ○c ●d   Clear Answer   Mark For Review

Q.No.32

If a man sells an article for Rs 50.60 which is purchased by him Rs. 44. Find his gain percentage.

a.20 %

b. 24 %

c. 15 %

d. 12.5 %

Let's find the gain percentage for the man who sells an article.
Given:
- Selling price (S.P.) = Rs. 50.60
- Cost price (C.P.) = Rs. 44

We can calculate the gain and the gain percentage as follows:

1. **Gain**:
   - Gain = S.P. - C.P.
   - Gain = Rs. 50.60 - Rs. 44 = Rs. 6.60

2. **Gain Percentage**:
   - Gain percentage =(Gain/C.P.)*100
   - Gain percentage =(6.60/44)* 100 = 15%

○a ○b ●c ○d   Clear Answer   Mark For Review

Q.No.33

2/5 + ½ =?

a. 0.9

b. 0.7

c. 0.09

d. 0.06

●a ○b ○c ○d   Clear Answer   Mark For Review

Q.No.34

0.000121 / 0.11 =?

a. 0.0011

b. 0.00011

c. 0.011

d. 0.111

●a ○b ○c ○d   Clear Answer   Mark For Review

Q.No.35

Two pipes X and Y fill one-third of the tank in 12 hrs and 15 hrs respectively. If both the pipes are opened simultaneously, how much time will be taken to fill the tank.

a. 20 hours

b. 10 hours

c. 15 hours

d. 12 hours

○ a ○ b ○ c ○ d   Clear Answer   Mark For Review

Reasoning

Q. No. 36

If BOAT is written as YLZG then MILD can be written as;

A: ONRW

B: ONWR

C: NROW

D: NOWR

○ A ○ B ○ C ○ D   Clear Answer   Mark For Review

Q. No. 37

In certain code language, 953 means "books are old", 546 means "man is old" and 378 means "buy good books". What is the code for "are";

A: 9

B: 8

C: 1

D: 6

○ A ○ B ○ C ○ D   Clear Answer   Mark For Review

Q. No. 38

Unscramble the letters in the words given in this question and find the odd one out:

A: OCRW

B: LEEGA

C: ORGF

D: WARPSOR

○ A ○ B ● C ○ D   [Clear Answer]   [Mark For Review]

Q. No. 39

Which letter is fifteenth to the right of the letter which is exactly the middle letter between L and D?

L J M P O W R N B E Y C K A V F D G X U H Q I S Z T

A: S

B: D

C: U

D: Q

○ A ○ B ○ C ○ D   [Clear Answer]   [Mark For Review]

Q. No. 40

Karan faces towards north. Turning to his right, he walks 35 meters. He then turns to his left and walks 30 meters. Next, he moves 25 meters to his right. He then turns to his right again and walks 55 meters. Finally, he turns to the right and moves 40 meters. In which direction is he now from his starting point?

A: South-West

B: South

C: North-West

D: South-East

○ A ○ B ○ C ○ D   [Clear Answer]   [Mark For Review]

Q. No. 41

It is 3 o'clock in a clock. If the minute hand points towards the North-east, then the hour hand will point towards the;

A: South-east

B: South

C: North-west

D: South west

🟢A ○B ○C ○D [Clear Answer] [Mark For Review]

Q. No. 42

Choose the missing term;

KM5, IP8, GS11, EV14, ?

A: BX17

B: CY17

C: CZ17

D: BY17

○A ○B ○C ○D [Clear Answer] [Mark For Review]

Q. No. 43

Find out wrong term.

325, 259, 202, 160, 127, 105, 94

A: 202

B: 94

C: 160

D: 259

🟢A ○B ○C ○D [Clear Answer] [Mark For Review]

Q. No. 44

If K means "division", T means "addition", M means "subtraction" and D means "multiplication" then what will be the value of the expression

12 M 12 D 28 K 7 T 15;

A: -15

B: -30

C: - 4

D: -21

○A ○B ○C ○D Clear Answer Mark For Review

Q. No. 45

If Ram is brother of son of Veer's son, then how is Ram related to Veer?

A: Brother

B: Cousin

C: Grandson

D: Son

○A ○B ●C ○D Clear Answer Mark For Review

Q. No. 46

Rahim, Pasha, Vahidh and Akbar are friendly with four girls namely Surhana, Kushabi, Vaheeda and Parveen. Surhana and Vaheeda are friends. Vahidh's girl friend does not like Surhana and Vaheeda. Kushabi does not care for Vahidh. Pasha's girl friend is friendly with Surhana. Surhana does not like Rahim. With whom is Surhana friendly?

A: Vahidh

B: Pasha

C: Rahim

D: Akbar

○A ●B ○C ○D Clear Answer Mark For Review

Q. No. 47

Choose the word which is least like the other words in the group.

Bajra, Mustard, Rice, Barley

A: Mustard

B: Rice

C: Barley

D: Bajra

● A ○ B ○ C ○ D [Clear Answer] [Mark For Review]

Q. No. 48

Find the odd number in the group:

111, 383, 263, 551

A: 111

B: 383

C: 263

D: 551

○ A ● B ○ C ○ D [Clear Answer] [Mark For Review]

Q. No. 49

If you write down all the numbers from 0 to 95, then how many times do you write 3?

A: 20

B: 11

C: 18

D: 21

● A ○ B ○ C ○ D [Clear Answer] [Mark For Review]

Q. No. 50

Reverse the given numbers. Identify the middle digit of the third number from the top when the new numbers are arranged in descending order?

513, 726, 182, 865, 269

A: 4

B: 5

C: 6

D: 7

○ A ○ B ● C ○ D | Clear Answer | | Mark For Review |

First, let's reverse each of the given numbers:

513 reversed is 315
726 reversed is 627
182 reversed is 281
865 reversed is 568
269 reversed is 962
Next, we arrange these reversed numbers in descending order:

962
627
568
315
281
The third number from the top in descending order is 568. The middle digit of 568 is 6.

Therefore, the correct answer is C: 6.