

IRDA Mock Test 5

Directions for Q.1 - Q.3: Study the problems below to solve the questions:

Q.1 By selling a cap for ₹ 29.74, a main gains 6.25%. What will be the CP of the cap?

1. ₹ 26
2. ₹ 27.5
3. ₹ 28
4. ₹ 27.80
5. ₹ 25

Q.2 A cellular phone, when sold for ₹ 3808, fetches a profit of 12%. Find the cost price of the cellular phone

1. ₹ 3190
2. ₹ 3400
3. ₹ 3260
4. ₹ 3560
5. ₹ 3280

Q.3 A machine costs ₹ 1025. If it is sold at a loss of 25% of what will be its cost price as a percentage of its selling price?

1. 125%
2. 116.67%
3. 120%
4. 133.33%
5. 124.45%

Q 4. Mashed was asked to multiply a certain number by 53. He multiplied it by 35 and got his answer less than the correct one by 1206. Find the number to be multiplied.

1. 62
2. 46
3. 66
4. 67
5. 71

Q 5. Kannan spent ₹89745 on his bike repair, ₹51291 on food-related expenses and the remaining 27% of the total amount was in the form of cash with him. What was the total amount?

1. ₹193200
2. ₹193400
3. ₹192340
4. ₹192300
5. None of the above

Q 6. The wages of labourers in a factory has increased in the ratio 22:25 and their number is decreased in the ratio 3:2. What was the original wage bill of the factory if the present bill is Rs.5000?

1. Rs.5500
2. Rs.6200
3. Rs.6600
4. Rs.5800
5. Rs.5400

Directions for Q.7 - Q.8: In the given questions, two quadratic equations are given. Choose the correct answer from the given options:

Q 7. Equation I: $a^2 - 5a + 6 = 0$

Equation II: $2b^2 + b + 1 = 0$

- A. $a > b$
- B. $b > a$
- C. $a \leq b$
- D. $a \geq b$
- E. $a = b$ or no relation

Q 8 Equation I: $3a^2 - 7a + 4 = 0$

Equation II: $3b^2 - 7b - 6 = 0$

- A. $a > b$
- B. $b > a$
- C. $a \leq b$
- D. $a \geq b$
- E. $a = b$ or no relation

Directions for Q.9 - Q.13: On the basis of the information provided, answer the questions below:

Six persons B, C, D, E, F and G are sitting position while in a hexagonal shape. All the sides of the hexagon so formed are of the same length. B is not adjacent to C or D; E is not adjacent to D or F; C and D are adjacent; G is in the middle of E and D.

Q.9 Which of the following is not a correct pair?

- 1. B and G
- 2. E and G
- 3. C and F
- 4. D and G
- 5. Cannot be determined

Q.10 Who is at the same distance from E as F is from E?

- 1. C
- 2. D
- 3. E
- 4. G
- 5. B

Q.11 Which among the following is the correct sequence?

- 1. B, G, C
- 2. G, B, F
- 3. C, D, G
- 4. E, B, C
- 5. F, G, C

Q.12 If one neighbour of B is E, who is the other one?

1. C
2. D
3. F
4. G
5. Cannot be determined

Q.13 Who is placed opposite to F?

1. C
2. D
3. E
4. G
5. B

Directions for Q.14 to Q.16: In each of the following questions, arrange the given words in a meaningful sequence and then choose the most appropriate sequence for amongst the options given below

Q.14 Arrange the following in a meaningful sequence:

- A. Consultation
- B. Illness
- C. Doctor
- D. Treatment
- E. Recovery

1. B, C, A, D, E
2. B, C, D, A, E
3. D, C, A, B, E
4. E, A, D, C, B
5. E, C, B, D, A

Q.15 Arrange the following in a logical order.

- A. Birth
- B. Death
- C. Funeral

- D. Marriage
- E. Education

1. A, C, D, E, B
2. A, E, D, B, C
3. B, C, D, E, A
4. D, E, C, A, B
5. E, B, A, C, D

Q.16 Arranging the following in a meaningful order, from particular to general:

- A. Family
- B. Community
- C. Member
- D. Locality
- E. Country

1. C, A, B, D, E
2. C, A, B, E, D
3. C, A, D, B, E
4. C, A, D, E, B
5. D, C, B, E, A

Directions for Q.17 and Q.18: There are two blanks in each of the following sentences. From the pairs of words given below each sentence choose the pair that fills the blanks most appropriately.

Q.17 We have never been keen on drawing attention to ourselves; it doesn't mean, however, that we are a nation of _____ because we have always welcomed the world, not just with a smile but making our island home as _____ as possible through well-connected transport systems.

- (1) Recluses, accessible
- (2) Diffidends, hospitable
- (3) Bigheads, unique
- (4) Regressives, relaxed
- (5) Dissidents, affable

Q.18 When you are in charge of an organisation in the middle of a recession, you are undoubtedly introducing major changes and _____ encountering resistance to them, but your biggest critic can be turned into your staunch _____ if you have the patience to listen carefully.

- (1) Undeniably, friend
- (2) Rigorously, confidant
- (3) Practically, employee
- (4) Inevitably, advocate
- (5) Ultimately, defender

Directions for Q.19 - Q.21: In each sentence, there are five sentences. The sentence labelled 1 is in the correct place. The four that follow are labelled 2, 3, 4 and 5 and need to be arranged in the logical order to form a coherent passage. From the given options, choose the most appropriate option.

Q.19

1. Hard times hit the most vulnerable sections of a society
2. The crisis, as the UNFPA report “Reaching Common Ground: Culture , Gender and Human Rights”
3. Two recently published global studies are timely reminders that gender inequalities, which persist in varying degrees across the world, are a dampener on economic growth, and that they should not be overlooked in the looming global economic downturn
4. The inequalities are shocking. Nearly 60 percent of the world’s one billion poorest people are women and girls 66% of adult illiterates are women and 70% of the out-of-school children are girls.
5. The reports, one by the United Nations Population Fund (UNFPA), and the other by the World Economic Forum (WEF), differ in their approach to this global reality but agree with the point that there are compelling advantages flowing from the empowerment of women.

1. 2534
2. 4352
3. 3542
4. 3524
5. 5423

Q.20

1. The fall in the external value of the rupee in relation to the dollar has been overshadowed by catastrophic events in the international financial markets
2. The fast-paced developments in the US and other developed markets have important consequences for the emerging financial markets such as India's
3. The Central Banks and governments around the world have been focussing exclusively on the unfolding financial sector crisis originating from the United States. Although it is more than a year since the subprime crisis surfaced, it assumed menacing proportions only recently as seen in the failures of iconic financial institutions in the US prompting monetary authorities to resort to some bold unconventional measures to save some of them
4. India stock market indices, along with those of most of the stock markets of Asia, declined sharply, although they would recover later
5. The extreme loss of investor confidence, coupled with serious disruption in the international money markets, has caused a flight of capital from emerging markets in search of safety

1. 3254
2. 3542
3. 2345
4. 3245
5. 2534

Q.21

1. It may be difficult for us to imagine how the earth, which appears to us to be a solid mass of complexly interrelated parts, may be having an intention to purify and can be undergoing a process we normally associate with human beings on a spiritual path.
2. The 'great purification' of the earth has been spoken of by the Hopi and other indigenous people as a prelude to a great transition of life and consciousness that the planet shall go through. This transition has also been prophesied within other ancient traditions as well as by individual seers
3. Today, in the midwest United States where massive flooding is taking place, and not too long ago in the West where fires raged out of control or in the South where hurricanes took a heavy toll on the populace, weather patterns have become quite extreme.

4. And even if it is true of the planetary body, we may well wonder how this happens and how it can affect weather patterns.
 5. The purification to which those ancient ones refer is happening all around us. It is revealed in the altered weather patterns that are becoming commonplace around the globe.
1. 2543
 2. 4253
 3. 2453
 4. 4523
 5. 4325

Directions for Q.22 - Q.25: In each of the following sentences there is a blank space followed by five words. Choose the word that can fill the blanks most appropriately.

Q.22 After getting his name successfully declared, the candidate ordered a round of beers as it _____ a party

1. Called off
2. Called back
3. Called down
4. Called for
5. Called forth

Q.23 The report explained why social customs, beliefs and traditions die

1. Hard
2. Late
3. Sometimes
4. Vehemently
5. Painfully

Q.24 The Illyrian fortunately became the _____ to the legacy of the horde and acquired the means to march on Dacia itself.

1. Air
2. Heir
3. Hermit
4. Airy-fairy
5. Ere

Q.25 The group stayed awake all night and closely monitored and recorded the snow leopards.

1. Gibber
2. Bark
3. Howl
4. Warble
5. Oink

Answer Key

Q. 1 - 3	Q. 2 - 2	Q. 3 - 4	Q. 4 - 4	Q. 5 - 1
Q. 6 - 3	Q. 7 - 1	Q. 8 - 2	Q. 9 - 1	Q.10 - 2
Q. 11 - 3	Q. 12 - 3	Q. 13 - 4	Q. 14 - 1	Q. 15 - 2
Q. 16 - 1	Q. 17 - 1	Q. 18 - 4	Q. 19 - 4	Q. 20 - 1
Q. 21 - 3	Q. 22 - 4	Q. 23 - 1	Q. 24 - 2	Q. 25 - 1

Solutions

Solution Q.1 - Q.6

Solution 1: (3) The SP = 106.25% of CP. Thus, $CP = 29.75 / 1.0625 = ₹ 28$

Solution 2: (2) $1.12 \times \text{Price} = 3808 \rightarrow \text{Price} = 3400$

Solution 3: (4) A loss of 35% means a cost price of 100 corresponding to a selling price of 75. CP as a percentage of the SP would be 133.33%

Solution 4: (4) Let the number be x.

$$53x - 35x = 1206$$

$$18x = 1206$$

$$X = 1206 / 18 = 67$$

Solution 5: (1) Amount spent on bike repair = ₹89745

Amount spent on food expenses = ₹51291

Let the total amount be x.

$$(100-27)\% \text{ of } x = 89745 + 51291$$

$$73\% \text{ of } x = 141036$$

$$x = (141036 \times 100) / 73$$

$$x = ₹193200$$

Solution 6: (3)

Let the initial wage = $22x$

Final wage = $25x$

Let the initial labourers = $3y$

Final labourers = $2y$

Final bill = $25x \times 2y = 5000$

$xy = 100$

Hence, the original wage bill = $22x \times 3y = 66xy = \text{Rs.}6600$

Solution 7: (1)

Equation I: $a^2 - 5a + 6 = 0$

$a^2 - 3a - 2a + 6 = 0$

$a(a - 3) - 2(a - 3) = 0$

$a = 2 / 3$

Equation II: $2b^2 + b + 1 = 0$

$2b^2 + 2b - b + 1 = 0$

$2b(b + 1) - 1(b + 1) = 0$

$b = -1 / -\frac{1}{2}$

Solution 8: (2)

Equation I: $3a^2 - 7a + 4 = 0$

$3a^2 - 3a - 4a + 4 = 0$

$3a(a-1) - 4(a-1) = 0$

$a = 1 / 4/3$

Equation II: $3b^2 - 7b - 6 = 0$

$3b^2 - 9b + 2b - 6 = 0$

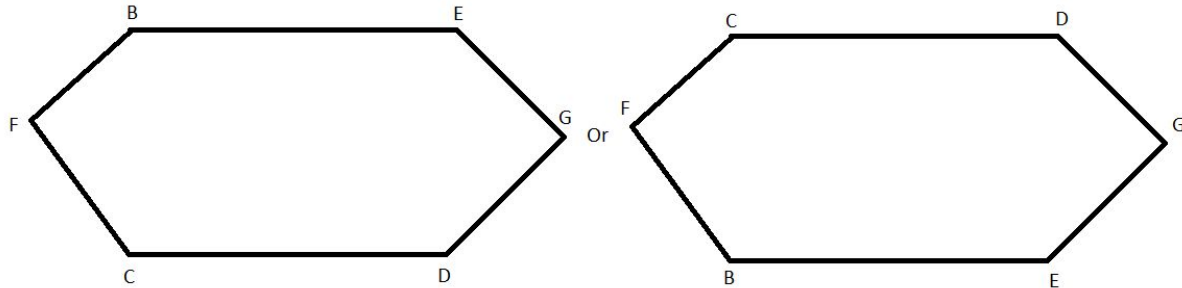
$3b(b-3) + 2(b-3) = 0$

$b = -\frac{2}{3} / 3$

Solution Q.9 - Q.13

G is in the middle of E and D; C and D are adjacent; B is not adjacent to D

Thus the following two seating arrangements are possible



Solution 9: (1) E and G, C and F, D and G are all neighbours while B and G are not

Solution 10: (2) F is two sides away from E in one direction and D is two sides away from E in the other direction

Solution 11: (3) C, D, G are sitting in consecutive positions

Solution 12: (3) E and F are the neighbours of B

Solution 13: (4) G is seated opposite to F

Solution Q.14 - Q.16

Solution 14: (1) It is clear that illness happens first. One then goes to a doctor and after consultation with him, undergoes treatment to finally attain recovery

Thus, the correct order B, C, A, D, E

Solution 15: (2) Clearly, the given words when arranged in the order of various events as they occur in a man's life form the sequence: Birth, Education, Marriage, Death, Funeral.

So the correct order becomes A, E, D, B, C

Solution 16: A member is part of a family, which in turn is a part of the community. The community lives in a locality which lies within a country.

Thus, the correct order is C, A, B, D, E

Hence the answer is (1)

Solutions Q.17 - Q.18

Solution 17: The word 'accessible' is apt in the second blank because the sentence talks about well-connected transport systems, while in the first blank the recluse is apt as it defines the person who leads a solitary life and avoids other people. (1)

Solution 18: 'Inevitably' means unavoidably. Also, the apt choice for the second blank is advocate, a positive form of a critic with which it contrasts (4)

Solution Q. 19 to Q. 21

Solution 19: Choice (4) is the logical sequence as Statement C elaborates on what is stated in A by saying that the 'hard times' refers to the global economic downturn and the 'vulnerable sections' are those affected by the 'gender inequalities' referred to in C.

Solution 20: Statement C follows A as it elaborates on the 'calamitous events in the international financial markets' - mentioned in A. Hence CBED is the correct sequence. (1)

Solution 21: B follows A linked by the reference to purification. It is a more generalised statement than D and so a better one to follow A. D follows B, 'it' referring to the purification and it introduces the idea of weather pattern which are continued in E and C. Thus BDEC is the correct sequence. (3)

Solution Q.22 - Q.25

Solution 22: Here, the phrasal verb 'called for' will be used, which means 'to be an appropriate occasion' (4)

Solution 23: Here the phrase 'die hard' means to disappear or change very slowly (1)

Solution 24: (2) 'Air', 'heir' and 'ere' are homophones. They have similar pronunciation but different spellings and meanings. So in this context of the given sentence ;heir will suit the blank well as it means the one who inherits something.

Solution 25: (1) Different animals produce different sounds. Monkeys gibber, dogs bark, wolves howl, nightingales warble and pigs oink.