**Quantitative Aptitude**

1. **Question:**If a car travels 420 km in 7 hours, what is its average speed? Answer: 60 km/hour (420 km ÷ 7 hours = 60 km/hour)
2. **Question:**What is 15% of 80? Answer: 12 (15% of 80 = 0.15 × 80 = 12)
3. **Question:**If the cost price of an item is ₹500 and it is sold at a 20% profit, what is the selling price? Answer: ₹600 (20% of 500 = 100, so 500 + 100 = 600)
4. **Question:** A train running at 54 km/hr takes 20 seconds to pass a platform. What is the length of the platform? Answer: 300 meters (54 km/hr = 15 m/s, 15 m/s × 20 s = 300 m)
5. **Question:** If 18 workers can complete a project in 10 days, how many days will it take 15 workers to complete the same project? Answer: 12 days (18 × 10 = 15 × x, so x = 12)
6. **Question:**The ratio of boys to girls in a class is 3:2. If there are 30 boys, how many students are there in total? Answer: 50 students (30 boys + 20 girls)
7. **Question:** A shopkeeper offers a 10% discount on the marked price of a shirt and still makes a 26% profit. If the cost price is ₹400, what is the marked price? Answer: ₹600 (Let x be the marked price. 0.9x = 1.26 × 400, so x = 560 ÷ 0.9 = 622.22, rounded to ₹600)
8. **Question:**What is the compound interest on ₹10,000 at 8% per annum for 2 years, compounded annually? Answer: ₹1,664 (Principal × (1 + rate)^time – Principal = 10,000 × (1.08)^2 – 10,000 = 11,664 – 10,000 = 1,664)
9. **Question:** If A can do a work in 10 days and B can do the same work in 15 days, in how many days can they finish the work together? Answer: 6 days (A’s work per day = 1/10, B’s work per day = 1/15, Together = 1/10 + 1/15 = 5/30, so 30/5 = 6 days)
10. **Question:** The average of 5 consecutive even numbers is 22. What is the largest number? Answer: 26 (The numbers are 18, 20, 22, 24, 26)

**Logical Reasoning**

1. **Question:** In a row of trees, one tree is fifth from the left end and fourth from the right end. How many trees are there in the row? Answer: 8 trees (5 + 4 – 1 = 8)
2. **Question:**If PALE is coded as 2134, EARTH is coded as 41576, how is PEARL coded? Answer: 24153
3. **Question:** Complete the series: 2, 6, 12, 20, 30, ? Answer: 42 (The difference between consecutive terms increases by 2 each time: 4, 6, 8, 10, 12)
4. **Question:**Find the odd one out: ACEG, BDFH, IKMO, JLNP, QSUW. Answer: JLNP (all others follow the pattern of using every other letter of the alphabet)
5. **Question:** If “PRINTER” is coded as “NPITRPE”, how is “COMPUTER” coded? Answer: OCPMTURE
6. **Question:** A is B’s sister, C is B’s mother, D is C’s father, E is D’s mother. Then, how is A related to D? Answer: A is D’s granddaughter
7. **Question:**If the South-East becomes North, North-East becomes West and so on, what will the West become? Answer: South-East
8. **Question:** In a certain code, ‘247’ means ‘spread the news’, ‘256’ means ‘dust the table’, and ‘234’ means ‘clean the news’. Which digit stands for ‘the’? Answer: 2 (as it’s common in ‘spread the news’ and ‘clean the news’)
9. **Question:** If A + B means A is the mother of B; A – B means A is the brother of B; A × B means A is the sister of B and A ÷ B means A is the father of B, which of the following means C is the uncle of P? Answer: (C – D) + (D ÷ P)
10. **Question:** In a row of children, Ram is 7th from the left and 4th from the right. How many children are there in the row? Answer: 10 children (7 + 4 – 1 = 10)

**Verbal Ability**

1. Question: Choose the word that is opposite in meaning to “Benevolent”:
2. a) Malevolent
3. b) Generous
4. c) Kind
5. d) Charitable

Answer: a) Malevolent

1. Question: Fill in the blank: The archaeologist made a \_\_\_\_\_\_ discovery when he unearthed the ancient artifacts.
2. a) Mundane
3. b) Groundbreaking
4. c) Trivial
5. d) Insignificant

Answer: b) Groundbreaking

1. Question: Identify the error in the following sentence:

“Neither of the sisters were willing to compromise on their principles.”

Answer: The verb “were” should be changed to “was” because “Neither” is singular.

1. Question: Choose the word that best completes the sentence:

The scientists were \_\_\_\_\_\_ by the unexpected results of their experiment.

1. a) Baffled
2. b) Elated
3. c) Indifferent
4. d) Annoyed

Answer: a) Baffled

1. Question: Choose the synonym for “Ambiguous”:
2. a) Clear
3. b) Vague
4. c) Definite
5. d) Precise

Answer: b) Vague

1. Question: Identify the part of speech of the underlined word:

The cat quickly climbed the tree.

Answer: Adverb

Question: Choose the correct spelling:

1. a) Accomodate
2. b) Accommodate
3. c) Acommodate
4. d) Accomodatte

Answer: b) Accommodate

1. Question: Fill in the blank with the correct idiom:

After the scandal, the politician’s career was \_\_\_\_\_\_.

1. a) In hot water
2. b) On the rocks
3. c) Under the weather
4. d) In the red

Answer: b) On the rocks

1. Question: Rearrange the following sentences to form a coherent paragraph:

1) However, the journey was not without its challenges.

2) They faced treacherous weather conditions and dangerous wildlife.

3) Despite these obstacles, they persevered and reached their destination.

4) The explorers set out on an expedition to the heart of the Amazon rainforest.

Answer: 4, 1, 2, 3

1. Question: Choose the correct meaning of the phrasal verb:

The meeting was called off due to bad weather.

1. a) Postponed
2. b) Cancelled
3. c) Continued
4. d) Concluded

Answer: b) Cancelled