

Answer Key :Common

Type: Common

1) A company's revenue increases by 20% in Year 1 and decreases by 20% in Year 2. Compared to the original revenue, the final revenue is:

Options:

- 1.Increased by 4%
- 2.Unchanged
- 3.Decreased by 4%
- 4.Decreased by 2%

Correct Option: 3

Type: Common

2) Four people - A, B, C, and D - are sitting around a circular table facing the center. A is to the immediate right of B C is opposite A D is not adjacent to B Who is opposite B?

Options:

- 1.A
- 2.C
- 3.D
- 4.Cannot be determined

Correct Option: 3

Type: Common

3) A machine produces defective items with probability 0.02. If 3 items are selected randomly, what is the probability that none are defective?

Options:

- 1.0.9412
- 2.0.9604
- 3.0.98
- 4.0.9224

Correct Option: 3

Type: Common

4) In a code language: TRAIN : 24567 RAIN : 4567 What is the code for T?

Options:

- 1.2
- 2.4
- 3.5
- 4.7

Correct Option: 1

Type: Common

5) A project has a 70% chance of success. If successful, profit is ₹50,000; otherwise loss is ₹20,000. What is the expected monetary value (EMV)?

Options:

- 1. ₹21,000
- 2. ₹25,000
- 3. ₹29,000
- 4. ₹35,000

Correct Option: 3

Type: Common

6) India recently increased fuel prices mainly due to:

Options:

- 1. Decline in coal production
- 2. Global oil crisis linked to Iran conflict
- 3. Rise in GST rates
- 4. Increase in agricultural subsidies

Correct Option: 2

Type: Common

7) The "One Nation One Election" proposal in India mainly relates to:

Options:

- 1.Digital voting
- 2.Simultaneous elections
- 3.Electoral bonds
- 4.Panchayat reforms

Correct Option: 2

Type: Common

8) The repo rate in India is decided by which body?

Options:

- 1.Finance Commission
- 2.Monetary Policy Committee
- 3.NITI Aayog
- 4.SEBI Board

Correct Option: 2

Type: Common

9) Which sector has emerged as a major pillar of India-US strategic cooperation in recent years?

Options:

- 1.Textile exports
- 2.Space and critical technology
- 3.Coal mining
- 4.Fisheries

Correct Option: 2

Type: Common

10) Which defence agreement between India and United States allows the sharing of encrypted military information and communication systems?

Options:

- 1.LEMOA
- 2.COMCASA
- 3.BECA
- 4.GSOMIA

Correct Option: 2

Type: Common

11) Which research method is most appropriate for studying cause-and-effect relationships in management research?

Options:

- 1.Exploratory research
- 2.Experimental research
- 3.Descriptive research
- 4.Historical research

Correct Option: 2

Type: Common

12) In hypothesis testing, a Type I error occurs when the researcher:

Options:

- 1.Accepts a false null hypothesis
- 2.Rejects a true null hypothesis
- 3.Rejects a false null hypothesis
- 4.Fails to collect enough data

Correct Option: 2

Type: Common

13) Which sampling technique gives every population element an equal chance of selection?

Options:

- 1.Convenience sampling
- 2.Judgment sampling
- 3.Simple random sampling
- 4.Snowball sampling

Correct Option: 3

Type: Common

14) In qualitative research, which technique is commonly used to identify recurring themes and patterns?

Options:

- 1. Correlation analysis
- 2. Content analysis
- 3. Chi-square test
- 4. Time-series analysis

Correct Option: 2

Type: Common

15) What is the primary purpose of a pilot study in management research?

Options:

- 1. To test the final hypothesis
- 2. To increase sample size
- 3. To refine research instruments and procedures
- 4. To replace the main study

Correct Option: 3

Type: Common

16) "Data" is related to "Analysis" in the same way as "Hypothesis" is related to:

Options:

- 1. Observation
- 2. Testing
- 3. Sampling
- 4. Coding

Correct Option: 2

Type: Common

17) If all journals are publications and some publications are indexed, which statement is logically correct?

Options:

- 1. All indexed items are journals
- 2. Some journals are indexed
- 3. All journals are publications
- 4. No publication is indexed

Correct Option: 1

Type: Common

18) Identify the next number in the series: 2, 6, 12, 20, 30, ?

Options:

- 1.36
- 2.40
- 3.42
- 4.44

Correct Option: 3

Type: Common

19) In a doctoral entrance test, the ratio of quantitative, reasoning, and research-method questions is 5:4:3. If the paper contains 96 questions, how many reasoning questions are there?

Options:

- 1.28
- 2.30
- 3.32
- 4.36

Correct Option: 3

Type: Common

20) A scholar reads 35 pages on the first day and increases reading by 5 pages daily. How many pages will be read on the 6th day?

Options:

- 1.50
- 2.55
- 3.60
- 4.65

Correct Option: 3