

FIRE & SECURITY CADRE: SAMPLE QUESTIONS WITH ANSWERS

Position: Fire Cadre
Domain required: Fire Fighting / Fire Engineering

1. Carbon dioxide is an example of a fire extinguishing agent that _____.

1. must be pressurised externally
2. cannot be pressurised
3. creates its own pressure
4. requires the addition of a pressurising agent

Ans: 3

2. Fires are classified according to their:

1. products of combustion
2. heat release
3. size
4. fuel

Ans: 4

3. Fire extinguishers shall be inspected at a minimum of _____.

1. 7-day intervals
2. 30-day intervals
3. 6-month intervals
4. 1-year intervals

Ans: 1

4. A major difference between fire-resistive construction and non-combustible construction is:

1. In fire-resistive construction, the structural steel must be protected from the fire's heat.
2. The overall floor plan design
3. The building dimensions
4. The type of building materials

Ans: 1

5. To be effective and safe, the extinguishers being used must match the _____ to be extinguished.

1. size of the fire
2. product
3. class of fire
4. rate of heat release

Ans: 3

APPTITUDE

Logical Reasoning

1. Find the next word in the series: A, E, I, M, ____

1. Q
2. S
3. P
4. R

Ans: 1

2. In a certain code, if PING is written as QJOH, then how is GATE written in that code as?

1. HDXJ
2. FZSD
3. HBUF
4. FXOV

Ans: 3

3. Find the odd one among the following letters.

1. W
2. M
3. C
4. J

Ans: 4

4. In a certain code, if 56928 denotes WORTH, and 69459 denotes ORDER, then what will 1991575 denote?

1. PROCESS
2. PROGRESS
3. ARRANGE
4. PROCEED

Ans: 3

Quantitative Ability

5. Twenty years hence, Kumar will be thrice as old as he was ten years ago. How old will Kumar be ten years from now?

1. 30 years
2. 35 years
3. 25 years
4. 50 years

Ans: 2

6. The present ages of Tony and Binu are in the ratio 8:9. After four years the ratio of their ages will be 9:10. What is the present age of Binu?

1. 36 years
2. 24 years
3. 42 years
4. 28 years

Ans: 1

Verbal Ability

7. In the following question a pair of words in capitals is given followed by four pairs of words. Select from the choices the pair which exhibits the same relationship as the capitalized pair of words as your answer.

BODY : HAND

1. Poetry : Rhyme
2. Clothes : Paper
3. Chair : Table
4. Shakespeare : Drama

Ans: 1

8. Fill in the blank in the following sentence by selecting the most appropriate alternative from amongst the four alternatives given under the sentence.

Nalini failed in the examination because none of her answers were _____ to the questions asked.

1. Close-fitting
2. Relevant
3. Faultless
4. Unrelated

Ans: 2

General Knowledge

9. Who wrote the book "A Train to Pakistan"?

1. Shoba De
2. Kushwant Singh
3. Vikram Seth
4. Arundhati Roy

Ans: 2

10. Green Revolution relates to:-

1. Planting more trees
2. Creation of green-lands
3. Enhanced agricultural productivity per hectare
4. None of the above

Ans: 3