



Syndicate Bank

Probationary Officers Objective Test Practice Set - 3

Reasoning Ability

Directions (1 - 5): A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: troop 34 gold 22 84 51 land model 67 sleep.

Step I: gold troop 34 22 51 land model 67 sleep 84

Step II: land gold troop 34 22 51 model sleep 84 67

Step III: model land gold troop 34 22 sleep 84 67 51

Step IV: sleep model land gold troop 22 84 67 51 34

Step V: troop sleep model land gold 84 67 51 34 22

And step V is the last step of the arrangement.

As per the above rule followed in the above steps, find out in each of the following questions the appropriate step for the input given below;

Input: 45 kitten war 7 71 viking Broad Trail 27 alarm 94 52

1. How many steps would be needed to complete the arrangement?

(a) VI

(b) V

- (c) IV
- (d) VII
- (e) None of these

2. Which Step number would be the following output?

Trail kitten Broad alarm war 7 viking 27 94 71 52 45.

- (a) III
- (b) II
- (c) VII
- (d) IV
- (e) There will be no such step

3. Which of the following would be the step III?

- (a) Broad alarm 45 kitten war 7 viking Trail 27 52 94 71.
- (b) kitten Broad alarm 45 war viking 7 Trail 27 94 71 52.
- (c) 52 Broad alarm 45 kitten war 7 viking Trail 27 94 71.
- (d) kitten Broad 45 alarm war 7 viking Trail 27 94 71 52.
- (e) None of these

4. In step V, which of the following word/number would be on the 6th position (from the right)?

- (a) Viking
- (b) 7
- (c) 27
- (d) war
- (e) None of these

5. In step V, 'Viking' is related to '27' and 'Trail' is related to '45'. In the same way 'Board' is related to?

- (a) 7

- (b) 94
- (c) 71
- (d) 52
- (e) 45

Quantitative Aptitude

1. When a cycle manufacturer reduced selling price of cycle by 50%, the number of bicycles sold radically increased by 600%. Initially the manufacturer was getting only 140% profit. What is the percentage increase of his profit?

- (a) 10%
- (b) 14%
- (c) 0%
- (d) Cannot be determined
- (e) None of these

2. A pump can be operated both for filling a tank and for emptying it. The capacity of tank is 2400 m³. The emptying capacity of the pump is 10 m³ per minute higher than its filling capacity. Consequently, the pump needs 8 minutes less to empty the tank than to fill it. Find the filling capacity of the pump.

- (a) 45 metre cube/minute
- (b) 50 metre cube/minute
- (c) 30 metre cube/minute
- (d) 55 metre cube/minute
- (e) None of these

3. A dishonest dealer marks up the price of his goods by 20% and gives a discount of 10% to the customer. He also uses a 900 gram weight instead of a 1 kilogram weight. Find his percentage profit due to these due to these maneuvers.

- (a) 8%
- (b) 12%
- (c) 16%

- (d) 20%
- (e) None of these

4. John can do a work in 10 days while Max can do the same work in 20 days. They started work together. After 3 days John left the work and Max completed it. How many days Max worked alone more than the number of days required when both work together to complete the work?

- (a) $4\frac{1}{3}$
- (b) $3\frac{1}{4}$
- (c) $2\frac{3}{5}$
- (d) $3\frac{2}{3}$
- (e) None of these

5. The cost price of three varieties of apples namely A, B and C is Rs. 20/kg, Rs. 40/kg and Rs. 50/kg respectively. Find the selling price of one kg of apple in which these three varieties of apples are mixed in the ratio of 2 : 3 : 5 such that there is a net profit of 20% ?

- (a) Rs. 48
- (b) Rs. 48.6
- (c) Rs. 49.2
- (d) Rs. 49.8
- (e) None of these

English Language

Directions (1 - 5): In the given paragraph the first and last sentence is given, rearrange the following five sentences (A), (B), (C), (D), (E) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

1. The expansion of knowledge is not a zero-sum game.
- A. Indeed, the economic benefits of a global academic culture are significant.
- B. On the contrary, it enhances what America knows and can accomplish.

C. More PhD production and burgeoning research in China, for instance, doesn't take away from America's store of learning.

D. Chinese research may well provide the building blocks for innovation by US entrepreneurs – or those from other countries.

E. Because knowledge is a public good, intellectual gains by one country often benefit others.

7. Just as free trade benefits both consumers and the most efficient producers, global academic competition has enormously positive consequences for individuals, universities, and countries.

1. Which of the following will be the FIRST sentence after rearrangement?

- (a) B
- (b) C
- (c) D
- (d) E
- (e) F

2. Which of the following will be the SECOND sentence after rearrangement?

- (a) A
- (b) B
- (c) C
- (d) D
- (e) E

3. Which of the following will be the THIRD sentence after rearrangement?

- (a) B
- (b) C
- (c) D
- (d) E
- (e) F

4. Which of the following will be the FIFTH sentence after rearrangement?

- (a) A
- (b) B
- (c) C
- (d) D
- (e) F

5. Which of the following will be the FOURTH sentence after rearrangement?

- (a) B
- (b) C
- (c) D
- (d) E
- (e) A

General Awareness

1. In Mumbai terror attacks on 26 Nov. 2008, what was the code name of security forces commando action against terrorists?

- (a) Operation Vijay
- (b) Operation Shakti
- (c) Operation Cactus
- (d) Operation Black Tornado
- (e) Operation Dhurv

2. Indira Mount, an underwater mountain named after former PM of India Smt. Indira Gandhi, is in which ocean?

- (a) Indian Ocean
- (b) Antarctic Ocean
- (c) Atlantic Ocean

- (d) Pacific Ocean
- (e) Arctic Ocean

3. In which city are the headquarters of International Olympic Committee (IOC) located?

- (a) Zurich (Switzerland)
- (b) London (United Kingdom)
- (c) Dubai (United Arab Emirates)
- (d) Lausanne (Switzerland)
- (e) None of the above

4. Which city houses the headquarters of Central Railway?

- (a) Bhopal
- (b) Nagpur
- (c) Allahabad
- (d) Mumbai
- (e) Delhi

5. 'Bhogi', 'Surya', 'Mattu' and 'Kanum' are the parts of which four day long harvest festival of Tamilnadu?

- (a) Bihu
- (b) Lohri
- (c) Pongal
- (d) Baisakhi
- (e) Onam