

## **SECTION-02 - BE-02**

### **APTITUDE TEST (MATHEMATICS & SOFT SKILL)**

#### **MATHEMATICS**

1. Determinant and Matrices
2. Trigonometry
3. Vectors
4. Co-ordinate Geometry
5. Function & Limit
6. Differentiation and its Applications
7. Integration
8. Logarithm
9. Statistics

#### **ENGLISH**

10. Comprehension of Unseen Passage
11. Theory of Communication
12. Grammar
13. Correction of Incorrect Words and Sentences

# 11. Theory of Communication

## Process of Communication

## Verbal and Non-Verbal Communication

## Barriers to Communication

### Select the right options ?

- (1) What can't you do if you have no power of communication ?  
 (a) We can't speak.  
 (b) We can't express our desire.  
 (c) We can't eat.  
 (d) We can't move.
- (2) What change do we see when the plants are taken care of ?  
 (a) They wither.  
 (b) The leaves change the colour.  
 (c) They do not grow.  
 (d) They do not give flowers.
- (3) How do animals communicate ?  
 (a) by sound and several movements.  
 (b) by falling down.  
 (c) by sleeping.  
 (d) by biting people.
- (4) Why do the animals make sounds and do several movements ?  
 (a) to indicate that they are hungry  
 (b) to indicate that they are unwell  
 (c) to indicate that they need medical attention.  
 (d) none
- (5) Through what do the very little children communicate ?  
 (a) crying (b) laughing  
 (c) eating much (d) sleeping
- (6) When a child scores less marks, how do the parents communicate their anger ?  
 (a) by congratulating him.  
 (b) by complaining teachers.  
 (c) by changing the school.  
 (d) by not speaking for some times.

- (7) Communication is a ..... need of survival.  
 (a) useless (b) unnecessary  
 (c) dreadful (d) minor
- (8) The various barriers of communication block or interfere with.....  
 (a) illness  
 (b) the message that someone is trying to send.  
 (c) peace  
 (d) happiness
- (9) If the receiver has hearing problems, or the speaker has speech disabilities,.....  
 (a) then communication will not be effective.  
 (b) then communication will be effective.  
 (c) then communication will be real  
 (d) then communication will be active.
- (10) .....can make it difficult to understand the message sent.  
 (a) unfamiliar accents  
 (b) mute communication  
 (c) the difference in dialects of different regions  
 (d) difference of opinion

### ANSWERS

- (1) (b) We can't express our desire.  
 (2) (b) The leaves change the colour.  
 (3) (a) by sound and several movements.  
 (4) (a) to indicate that they are hungry  
 (5) (a) crying  
 (6) (d) by not speaking for some times.  
 (7) (c) dreadful  
 (8) (b) the message that someone is trying to send.  
 (9) (a) then communication will not be effective.  
 (10) (a) unfamiliar accents



❖ Select the appropriate words or phrase from the box to complete the statements :

[Plants, to indicate, instinct, effective, technical terms, gesture, sender to the recipient, Communication, dialects, thoughts and feelings]

- (1) ..... is a branch of knowledge dealing with the principles and methods by which information is conveyed.
- (2) An individual has to communicate to express his feelings, pass on information to the other human beings and share his .....
- (3) ..... communicate through visible changes in the colour of the leaves, and the falling of leaves and flowers.
- (4) Animals communicate by sounds, several movements ..... that they are hungry or unwell or need medical attention.
- (5) Communication is simply the process of transferring information from the .....
- (6) Communication is an integral ..... present in all living beings.
- (7) If one uses unfamiliar terms or over-complicated ....., it could not be understood well.
- (8) If the receiver has hearing problems, or the speaker has speech disabilities, then communication will not be.....
- (9) The difference in ..... of different regions or unfamiliar accents can make it difficult to understand the message sent.
- (10) A ..... like a raising eyebrow or waving to a friend can be as a means to communicate.

Answers :

- (1) Communication is a branch of knowledge dealing with the principles and methods by which information is conveyed.
- (2) An individual has to communicate to express his feelings, pass on information to the other human beings and share his thoughts and feelings.
- (3) Plants communicate through visible changes in the colour of the leaves, and the falling of leaves and flowers.
- (4) Animals communicate by sounds, several movements to indicate that they are hungry or unwell or need medical attention.
- (5) Communication is simply the process of transferring information from the sender to the recipient.
- (6) Communication is an integral instinct present in all living beings.
- (7) If one uses unfamiliar terms or over-complicated technical terms, it could not be understood well.
- (8) If the receiver has hearing problems, or the speaker has speech disabilities, then communication will not be effective.
- (9) The difference in dialects of different regions or unfamiliar accents can make it difficult to understand the message sent.
- (10) A gesture like a raising eyebrow or waving to a friend can be as a means to communicate.

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