

## English

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**Question 1:** Choose the correct verb to fill the gap.

By the end of the year, she \_\_\_\_\_ with a degree in business.

1. already graduates
2. already graduated
3. will have already graduated
4. has already graduated

**Question 2:** Choose the synonym for the following word Hallowed

1. Sacred
2. Old
3. Inactive
4. Effective

**Question 3:** As \_\_\_\_\_ cuts it as well as he does, I always have my hair cut at Johnson's.

1. anyone
2. someone else's
3. no one else
4. everyone

**Question 4:** Mohit \_\_\_\_\_ his century before it is the end of the match.

1. will score
2. will have scored
3. has scored

4. scores

**Question 5:** Which word is an adverb in this sentence?

There are no interesting programmes tonight.

1. interesting
2. programmes
3. there
4. tonight

## Information Technology

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**Question 1:** The processor which performs arithmetical and logical operations is called

1. Control Unit
2. ALU
3. Register
4. Cache Memory

**Question 2:** Which components appear in the initial Windows start up display?

1. Dialog boxes
2. Start menu
3. Taskbar
4. All of these

**Question 3:** Portrait and Landscape are

1. Page Orientation

2. Paper Size
3. Page Layout
4. All of these

**Question 4:** In internet terminology IP means

1. Internet Provider
2. Internet Protocol
3. Smaller friction
4. Internet Processor

**Question 5:** Pick the option from the following which indicates the use of computer in inventory control

1. Maintenance of stock
2. Maintaining the record of all customers in a bank
3. Generating stock information
4. Booking of movie tickets

## Mathematics

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**Question 1:** The algebraic expression  $x^2 + \sqrt{5}x + 9$  is a

1. Polynomial
2. Not a polynomial
3. Integer
4. None of these

**Question 2:** If the graph of two linear equations is intersecting lines, then the system of equations has?

1. Unique solution
2. No solution
3. Infinitely many solutions
4. Nothing can be said

**Question 3:** If the equation  $2x^2 + (1-k)x + 8 = 0$  has equal roots, then the values of k are

1. -9,-7
2. 9,7
3. -9,7
4. 9,-7

**Question 4:** Two chords AB and CD of a circle intersect at P(outside the circle). If AP=16cm, CP=10cm, PD=8cm then AB =

1. 5cm
2. 4cm
3. 12.8cm
4. 11cm

**Question 5:** What will be the distance between (1, 2) and midpoint of (6, 8) and (2, 4)?

1. 6
2. 4
3. 5
4. 1

Reasoning Aptitude

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**Question 1:** In a survey, it was found that 65% of the people would watch news on TV, 40% read in newspapers, 25% read newspapers and watched TV. What percentage of people neither watched TV nor read newspapers?

1. 0%
2. 5%
3. 10%
4. 20%

**Question 2:** If  $\times$  stands for 'addition',  $\div$  stands for 'subtraction',  $+$  stands for 'multiplication' and  $-$  stands for 'division', then  $20 \times 8 \div 8 - 4 + 2 = ?$

1. 80
2. 25
3. 24
4. 5

**Question 3:** If in a code language, COULD is written as BNTKC and MARGIN is written as LZQFHM, how will MOULDING be written in that code?

1. CHMFINTK
2. LNKTCMHF
3. LNTKCHMF
4. NITKHCMF

**Question 4:** Who among T, R and S is (are) to the East of P?

I. R, who is to the West of P, is not as near to S as P, S is in the farthest East.

II. P is not as far away from S and T

1. If statement (i) ALONE is sufficient, but statement (ii) alone is not sufficient to answer the question asked.

2. If statement (ii) ALONE is sufficient, but statement (i) alone is not sufficient to answer the question asked
3. If EACH statement ALONE is sufficient to answer the questions asked.
4. If BOTH statements (i) and (ii) TOGETHER are sufficient to answer the question asked, but NEITHER statement ALONE is sufficient

**Question 5:** Arrange the words given below in a meaningful sequence. 1. Family 2. Community 3. Member 4. Locality 5. Country

1. 3, 1, 2, 4, 5
2. 3, 1, 2, 5, 4
3. 3, 1, 4, 2, 5
4. 3, 1, 4, 5, 2

## General Awareness

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**Question 1:** What is the name of the latest Android OS?

1. KitKat
2. Lollipop
3. Marshmallow
4. Nougat

**Question 2:** The language spoken by the people of Pakistan is?

1. Hindi
2. Palauan
3. Sindhi
4. Nauruan

**Question 3:** Punjab is famous for?

1. Nylon textile
2. Silk textile
3. Woolen textile
4. Cotton textile

**Question 4:** The book “Letters from a Father to His Daughter” was written by

1. Rajaji
2. Radhakrishnan
3. Mahatma Gandhi
4. Jawaharlal Nehru

**Question 5:** When is the Earth Day celebrated?

1. 1st January
2. 30th April
3. 22nd April
4. None of these

## Science

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**Question 1:** The relation between focal length  $f$  and radius of curvature  $R$  for a spherical mirror is

1.  $f = 2R$
2.  $f = R/2$
3.  $f = R/4$
4.  $f = 2R$

**Question 2:** The chlorophyll in photosynthesis is used for

1. Absorbing light
2. Breaking down water molecule
3. No function
4. Reduction of CO<sub>2</sub>

**Question 3:** How does common salt help in separating soap from the solution after saponification?

1. By decreasing solubility of soap
2. By increasing solubility of soap
3. By decreasing density of soap
4. By increasing density of soap

**Question 4:** Decibel is the unit used for

1. speed of light
2. intensity of heat
3. intensity of sound
4. radio wave frequency

**Question 5:** One fathom is equal to?

1. 6 meters
2. 6 feet
3. 60 feet
4. 100 cms