SAMPLE QUESTIONS

English

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 a adverb in this sentence?

There are no interesting programmes tonight.

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

General Engineering

Question 1

If the mass of an atom is 100 and number of neutrons is equal to 60, its atomic number is:

1. 100
2. 40
3. 160

4. 60

Question 2

Capacitors that do not need the consideration of polarity are

1. Electrolytic Capacitors
2. Ceramic Capacitors
3. Plastic Capacitors
4. Paper Capacitors

Question 3

In a good fuel, percentage of carbon is:

1. Low
2. High
3. Zero
4. Moderate

Question 4

The output quality of a printer is measured by

1. Dot per inch
2. Dot per sq. inch
3. Dots printed per unit time
4. All of these

Question 5

If current varies periodically from zero to a maximum, back to zero, and then repeats, the signal is:

1. Direct
2. Alternating
3. Pulsating
4. Repeating

Information Technology

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

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 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

Question 1

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

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

Question 2

If x stands for 'addition', ÷ stands for 'subtraction', + stands for 'multiplication' and - stands for 'division', then 20 × 8 ÷ 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. LNKTCHMF
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

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

Design Thinking

Question 1

A point ’P’ is placed at a distance of 12 cm from the centre of a circle of radius 17 cm. How many integer length chords of this circle can pass through P?

1. 19
2. 24
3. 32
4. 360

Question 2

How many faces are there for a Pentagonal prism?

1. 5
2. 6
3. 7
4. 4

Question 3

Which brand uses the tag line “Just do it”

1. KFC
2. NIKE
3. Jaguar
4. Adidas

Question 4

The organized and orderly approach to solving problems is known as the:

1. Engineering process
2. Design process
3. Aesthetic process
4. Functional process

Question 5

Magazines, advertisements, and product packaging all have a common use. What term best describes the category they all fall into?

1. Creativity
2. Technology
3. Artistic
4. Graphic Design

Service Aptitude

Question 1

There are 30 people in a party. If everyone is to shake hands with one another, how many hand 6shakes are possible?

1. 180

2. 256
3. 386
4. 435

Question 2

Arrange the following in a meaningful sequence :Letter, Sentence, Word, Phrase

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

Question 3

Contribution/s of human relations movement is/are

1. Great depression
2. Labour movement
3. Hawthorne studies
4. All of these

Question 4

According to service quality model, ability to provide service accurately and dependably is classified as:

1. Empathy
2. Reliability
3. Responsiveness
4. Assurance

Question 5

Which of the following statements best describes the level of risk taking, innovation, imagination, and initiative by members of the group:

1. harbor improvements and international airport
2. harbor improvements and school music program
3. hurricane preparedness and school music program
4. harbor improvements and hurricane preparedness

Science

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_2

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

Ayurveda

Question 1

Which of the following Kostha of a patient needs lower dose?

1. Krur kostha
2. Madhyam kostha
3. Mridu kostha
4. No variation in dose

Question 2

Which of the following is a Communicable Disease?

1. Amoebiasis
2. Cancers
3. Hypertension
4. None of the above

Question 3

Which of the following is not the part of Triphala?

1. Harada
2. Baheda
3. Amla
4. Gokshur

Question 4

Which of the following is the member of Brihad Panchmool?

1. Prishnaparni
2. Kantkari
3. Gambhari
4. Gokshur

Question 5

Nidaan, Poorvarupa, Rupa, Upshaya and Samprapti are collectively referred to as?

1. Bhihad panchaka
2. Laghu panchaka
3. Kriyakaal
4. Nidaan panchaka

Pharmacy

Question 1

Drugs and Magic remedies (Objectionable Advertisement) Act was constituted in which year?

1. 1950
2. 1955
3. 1947
4. 1970

Question 2

Prevention of cruelty to Animals Act was constituted in which year?

1. 1960
2. 1970
3. 1980
4. 1965

Question 3

The carbohydrate reserved in human body is:

1. Starch
2. Glycogen
3. Glucose
4. Inulin

Question 4

Which drug is Gametocidal in nature?

1. Primaquine
2. Amodoquine
3. Pyrimethamine
4. Chloroquine

Question 5

An antagonist is a substance that:

1. Binds to the receptors and initiates changes in cell function, producing maximal effect
2. Binds to the receptors and initiates changes in cell function, producing submaximal effect
3. Interacts with plasma proteins and doesn't produce any effect
4. Binds to the receptors without directly altering their functions

Medical Laboratory Sciences

Question 1

The lowest concentration of the antimicrobial agent required to produce a sterile culture is known as -------

1. Maximum bactericidal concentration
2. Minimum bactericidal concentration
3. Average bactericidal concentration
4. Intermediate bactericidal concentration

Question 2

The antigens for ABO and Rh blood groups are present on _____

1. Plasma
2. White blood cell
3. Red blood cell
4. Platelets

Question 3

Alkaline phosphatase enzyme is a biomarker of

1. Kidney
2. Heart
3. Lungs
4. Liver

Question 4

Which culture media is used for antibiotic-sensitivity test?

1. Blood agar
2. Thayer-Martin Medium
3. Mueller-Hinton Agar
4. Whey agar

Question 5

If the blood group of an individual is a then the antibody present is _____

1. Anti B antibodies
2. Anti A antibodies
3. Anti O antibodies
4. Anti OA antibodies