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

Chemistry

Question 1

Which one of the following molecules has the smallest bond angle?

1. NH_3
2. H_2Se
3. H_2S
4. PH_3

Question 2

The addition of arsenic to germanium makes the latter a:-

1. Extrinsic semiconductor
2. Metallic conductor
3. Intrinsic semiconductor
4. Mixed conductor

Question 3

For an ideal binary liquid solution with p°A > p°B, which of the following relations between xA (mole fraction of A in liquid phase) and yA (mole fraction of A in vapor phase) is correctly represented?

1. xA > yA
2. xA = yA
3. xA < yA
4. xA and yA cannot be correlated with each other

Question 4

In the reaction, $3Cl_2 + 6NaOH \rightarrow NaClO_3 + 5NaCl + 3H_2O$ The element which loses as well as gains electrons is:-

1. CL
2. Na
3. O
4. None of the above

Question 5

An element has three elements in the 4th shell, the atomic number of the elements is:-

1. 27
2. 21
3. 13
4. 31

Physics

Question 1

The photoelectric effect was discovered by:-

1. Einstein
2. Hertz
3. Millikan
4. Halwachs

Question 2

An electron, a proton and a deutron and an α-particle have same linear momenta. Which one of them possesses least kinetic energy?

1. Electron
2. Deutron
3. α-particle
4. Proton

Question 3

Three equal masses P, Q and R pulled with a constant force F. They are connected to each other with strings. The ratio of the tension between PQ and QR is:-

1. 2:1
2. 1:2
3. 3:1
4. 1:1

Question 4

To avoid slipping while walking on ice one should take larger steps because of the:-

1. Larger normal reaction
2. Smaller normal reaction
3. Smaller friction
4. Larger friction

Question 5

If the Earth shrinks in its radius by 4%, mass remaining the same, the value of ’g’ on its surface:-

1. Remains constant
2. Decreases by about 8%
3. Increases by about 8%
4. Decreases by about 4%

Mathematics

Question 1

If a, b, c are in A.P. and p, p' are the A.M. and G.M. respectively between a and b while q,q' are the A.M. and G.M. respectively between b and c, then:-

1. $pq = p' q'$
2. $p_2 + q_2 = p'_2 + q'_2$
3. $p_2 - q_2 = p'_2 - q'_2$
4. None of the above

Question 2

The number of ways in which different flowers can be strung to form a garland so that 4 particular flowers are never separated is:-

1. 288
2. 5! . 4!

3. 4! . 4!
4. 0

Question 3

The chance of throwing a total of 3 or 5 or 11 with two dice is:

1. 5/36
2. 1/9
3. 2/9
4. 19/36

Question 4

The distance of the point (x, y) from x-axis is:-

1. |x|
2. y
3. x
4. |y|

Question 5

The mean of 50 observations is 36. If two observations 30 and 42 are deleted, then the mean of the remaining observations is:-

1. 36
2. 48
3. 38
4. None of the above

Biology

Question 1

Seeds swell when placed in water due to:-

1. Transpiration
2. Imbibition
3. Hydrolysis
4. Osmosis

Question 2

Which of the following combinations is correct?

1. Lipase - Ester bond
2. Protease - Phosphodiester bond
3. Nucleases - Glycosidic Bond
4. Amylase - Peptide bond

Question 3

Proteins embedded in the cell membrane function to:-

1. Produce energy for the cell
2. Transport materials in and out of the cell
3. Carry genetic information
4. Store excess water

Question 4

Which of the following is not a STOP codon?

1. Opal
2. Amber
3. Ochre
4. Gyro

Question 5

Who is known as the father of modern bee science?

1. Huber
2. Fahian
3. Whenson
4. Kurian

Accountancy

Question 1

Which of the following is the correct order of the stages in the accounting cycle?

1. Journalize, final accounts, posting to the ledger and trial balance
2. Journalize, posting to the ledger, trial balance and final accounts
3. Posting to the ledger, trial balance, final accounts and journalize
4. Posting to the ledger, journalize, final accounts and trial balance

Question 2

Which of the following is not a tangible asset of the firm?

1. Furniture
2. Goodwill
3. Machinery
4. Land and Building

Question 3

Discount allowed to a customer is _____ for business.

1. Expense
2. Income
3. Liability
4. Asset

Question 4

Furniture for textile industry is a

1. Current Asset
2. Fixed Asset
3. Wasting Asset
4. Nominal Asset

Question 5

If the profits of the companies get increased it gives rise to:

1. Capital
2. Liability
3. Both Capital and liability
4. None of these

Business Studies

Question 1

The following is not an objective of management:

1. Earning Profits
2. Policy making
3. Providing employment
4. Growth of the organisation

Question 2

Under what function of management, policies and strategies are formulated?

1. Controlling
2. Directing
3. Organising
4. Planning

Question 3

Which of the following statement best describes the principle of? Division of Work?

1. Resources should be divided among jobs
2. Labour should be divided
3. Work should be divided into small tasks
4. It leads to specialization

Question 4

Which of the following does not explain the impact of Government policy changes on business and industry?

1. Increasing competition
2. Change in agricultural prices
3. More demanding customers
4. Market orientation

Question 5

Which of the following is not a financial incentive _____

1. Pension and Gratuity

2. Bonus
3. Recognition
4. Profit Sharing

Economics

Question 1

In which type of economic system individual make all main economics decision without government intervention

1. Capitalism
2. Socialism
3. Mixed economy
4. Planned economy

Question 2

Points lying inside the PPC indicate

1. Full utilization of resources
2. Waste of resources
3. Failure of resources
4. Non-availability of resources

Question 3

An indifference curve is

1. A Straight line sloping downwards
2. Parallel to x axis
3. Convex to origin
4. Concave to origin

Question 4

Right downward movement along the demand curve is known as

1. Increase in demand
2. Decrease in demand
3. Extension in demand
4. Contraction in demand

Question 5

In perfect competitive market the shape of demand curve is

1. Parallel to X axis
2. Parallel to Y axis
3. Downward sloping
4. Right upward

Computer Science

Question 1

Which one is correct according to the distribution law?

1. A(BC)C
2. A(B + = AB + AC
3. A(A+1) = A
4. A + AB = A

Question 2

To perform stream I/O with disk files in C++, you should:-

1. Use classes derived from ios
2. Use C language library functions to read and write data
3. Open and close files as in procedural language
4. None of these

Question 3

Following are the components of a database except:-

1. User data
2. Reports
3. Metadata
4. Indexes

Question 4

Which of these are the 5 generic software engineering framework activities?

1. Communication, planning, modeling, construction, deployment
2. Analysis, designing, programming, debugging, maintenance
3. Analysis, planning, designing, programming, testing
4. Communication, risk management, measurement, production, reviewing

Question 5

In which code the successive code characters differ in only one bit position?

1. Gray code
2. 8421 code
3. Excess 3 code
4. Algebraic code

History

Question 1

Which geographic factor had a major influence on the development of both Egyptian and Babylonian civilizations?

1. River valleys
2. Cool temperatures
3. Locations near a strait
4. Mountains

Question 2

In which battle did the defeat of Muslims stop their invasions?

1. Battle of Fontenoy
2. Battle of Lechfeld
3. Battle of Verdun
4. Battle of Vouille

Question 3

Where the Indus Valley Civilization was first noticed?

1. Harappa and Mohenjo-Daro
2. Ropar
3. Kalibanga

4. Lothal

Question 4

Where did Ibn Battuta travel?

1. Africa, Eastern Europe and Asia
2. South America, Eastern Europe and Asia
3. North America, Asia and Africa
4. Australia, Asia and Africa

Question 5

What were the main reasons for the first world war?

1. Murder of German President in Berlin
2. Murder of Austria's heir in Sarajevo
3. Territorial rivalry
4. The revolution of Russia with Lenin

Sociology

Question 1

Man is a social animal. Who said this?

1. MacIver
2. Aristotle
3. Karl Marx
4. Auguste Comte

Question 2

What is today’s world our main source of information?

1. Social media
2. Newspapers
3. Short screens
4. Interviews and Interactions

Question 3

Manifest functions are those which are:-

1. Recognised
2. Un-intended
3. Intended
4. All of these

Question 4

Which one of the following is NOT a characteristic of social fact?

1. They are external to individuals and exist independently
2. They exercise external constraint over individuals
3. They are general throughout society
4. They help in functioning of a society

Question 5

In which of the following countries would you expect material lifestyles to be most like those in the United States?

1. Nigeria
2. Japan
3. India
4. Mali

Psychology

Question 1

Social and cultural norms associated_____greatly influence our health behaviours.

1. Social Role
2. Gender
3. None of these
4. Both of these

Question 2

Our learning from what is present in a culture is called:-

1. Enculturation and acculturation

2. Acculturation and socialization
3. Enculturation and socialization
4. None of these

Question 3

At the individual level, psychologists point to various factors which are associated with physical well-being or illness, these factors are_____

1. health related cognitions
2. attitudes and beliefs
3. social factors
4. All of these

Question 4

Emotion is derived from the word emover which means:-

1. Pleasure
2. Stire-up
3. Excitement
4. Enjoyment

Question 5

Ecology is the study of the:-

1. Relationship between living and non-living objects
2. Relationships between living beings and their environment
3. Relationship between family members
4. All of these

Geography

Question 1

An irregular surface with various landforms such as mountains, plateaus, plants, valleys, etc is known as:

1. Hydrosphere
2. Biosphere
3. Lithosphere

4. Atmosphere

Question 2

National Institute of Disaster management is located at?

1. Poona
2. Midnapur
3. New Delhi
4. Calcutta

Question 3

On the south side, India is bounded by the Indian Ocean, by the Arabian Sea on the southwest and the ……..on the southeast.

1. Brahmaputra
2. Arabian sea
3. Bay of Bengal
4. Andaman and Nicobar Islands

Question 4

Who is responsible for the construction and maintenance of the National Highways?

1. State Government
2. Central Government
3. Federal Government
4. National Government

Question 5

Color of infrared images that represent sandy areas, beaches and sand dunes is

1. Red-magenta
2. White-cream
3. Yellow
4. Pink-red

Agriculture

Question 1

How many agro-climatic zones (ACZ) are found in India?

1. 16
2. 18
3. 15
4. 20

Question 2

A farming system in which arable crops are grown in alleys formed by trees or shrubs, to establish soil fertility and to enhance soil productivity, is known as—

1. Relay cropping
2. Multiple cropping
3. Alley cropping
4. Mixed cropping

Question 3

The Minimum Support Price for Food grains was introduced in the year -

1. 1954
2. 1944
3. 1964
4. 1974

Question 4

Crop rotation helps to

1. lessen use of pesticides
2. yield more crops
3. produce a greater choice of plant products
4. eliminate parasites which have selective hosts

Question 5

Which one of the following Indian breeds of sheep, you will suggest meat and carpet wool production?

1. Deccani

2. Nellore
3. Gaddi
4. Mandya

Physical Education

Question 1

Where was the ’School Games Federation of India’ (SGFI) formed?

1. Mumbai
2. Chennai
3. Karnataka
4. Pune

Question 2

Ballistic method develops

1. Speed
2. Endurance
3. Agility
4. Flexibility

Question 3

First women in Olympic who secure first individual medal for India

1. Sayna nehwal
2. Karnam malleswari
3. P.V.sindhu
4. M.C.merrycom

Question 4

In Vedic teachings, what is the general term for the channels in which prana moves through the astral body?

1. Pingala
2. Nadis
3. Ida
4. Sushumna

Question 5

Suggestions for controlling the use of performance-enhancing substances is to replace traditional drug education programmes with

1. blood-testing and DNA-testing programmes
2. programmes on nutritional supplements
3. programmes on biofeedback and stress management
4. deviance and health education programmes

Political Science

Question 1

The nature of Indian legislature at the central level is

1. Unicameral
2. Bicameral
3. Both Unicameral and Bicameral
4. None of these

Question 2

Which writ is issued by a higher court (High Court or Supreme Court) when a lower court has considered a case going beyond its jurisdiction?

1. Quo Warranto
2. Prohibition
3. Mandamus
4. Certiorari

Question 3

Which Article is related to Equality before law?

1. Art. 13
2. Art. 14
3. Art. 15
4. Art. 16

Question 4

The RTI movement has its roots in which state.

1. Rajasthan
2. Maharashtra
3. West Bengal
4. Uttarakhand

Question 5

India borrowed the idea of five year plan from which country

1. USA
2. USSR
3. Germany
4. England

Public Administration

Question 1

Which among the following is known as top level in Panchayati Raj System?

1. Gram Panchayat
2. Panchayat Samiti
3. Zila Parishad
4. Gram Sabha

Question 2

Which one is the Chief Vigilance institution in India?

1. Central Board of Investigation
2. Central Vigilance Commission
3. Comptroller and Auditor General of India
4. Lokpal

Question 3

Citizen Participation fosters:

1. Efficiency and effectiveness
2. Transparency and accountability
3. Clean and open governance
4. All of the above

Question 4

No confidence motion, to be admitted in the Lok Sabha, needs the support of:

1. 50 Members
2. 70 Members
3. 80 Members
4. 100 Members

Question 5

Who is the first Lokpal of India?

1. S.M. Krishnamurthy
2. Ranjan Gogoi
3. Pinaki Chandra Ghose
4. Om Birla

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

Quantitative Aptitude & Logical Reasoning

Question 1

If a: b = 2:3 and b: c = 4:3, then find a: b: c

1. 2:3:9
2. 8:12:9
3. 2:3:8
4. None of these

Question 2

A tire has two punctures. The first puncture alone would have made the tire flat in 9 minutes and the second alone would have done it in 6 minutes. If air leaks out at a constant rate, how long does it take both the punctures together to make it flat?

1. 16/5 min
2. 13/3 min
3. 13/4 min
4. 18/5 min

Question 3

A man takes 5 hours 45 min in walking to a certain place and riding back. He would have gained 2 hours by riding both ways. The time he would take to walk both ways is:-

1. 8hrs 45min
2. 7hrs 45min
3. 7hrs
4. 11hrs

Question 4

The angle between the minute hand and the hour hand of a clock when the time is 8.30, is: -

1. 75
2. 85
3. 80
4. 65

Question 5

On what dates of April, 2001 did Wednesday fall?

1. 7th, 12th, 19th, 5th
2. 4th, 11th, 18th, 25th
3. 5th, 12th, 19th, 26th
4. 6th, 12th, 18th, 26th