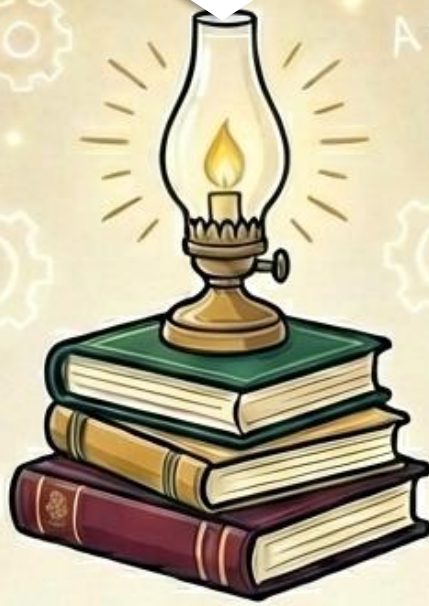




$$A = \frac{m}{(m^2 + c)^2}$$



NIOS PYQ's SOLUTIONS

$$\sqrt{a} = bc^2$$

$$\sqrt{h-x^2}$$

PREVIOUS YEARS' QUESTIONS & ANSWERS



APRIL-2025

Your Path to Success

1. Learning through experiences by feeling them and getting personally involved in the situations before them is

- (A) concrete experience**
- (B) reflective observation**
- (C) abstract conceptualization**
- (D) active experimentation**

Ans - (A) concrete experience

2. Which of the following characteristics you will not appreciate in an employee?

- (A) Cooperative**
- (B) Misinformed**
- (C) Courteous**
- (D) Dedicated**

Ans - (B) Misinformed

3. The Employees' Provident Funds and Miscellaneous Provisions Act was enacted in

- (A) 1926**
- (B) 1948**
- (C) 1952**
- (D) 1956**

Ans - (C) 1952

4. A software application used to display web pages is called _____.

- (A) search engine**
- (B) home page**
- (C) web browser**
- (D) website**



Ans - (C) web browser

5. The full form of ISP is

- (A) Information Search Protocol**
- (B) Internet Service Process**
- (C) Information Service Provider**
- (D) Internet Service Provider**

Ans - (D) Internet Service Provider

6. In the entrepreneurship ecosystem, which of the following statements is most relevant?

- (A) Culture is not most important component.**
- (B) Business environment includes both internal factors and external factors.**
- (C) The ecosystem functions in a constant type of markets.**
- (D) EE is successful when there is no involvement of government at all.**

Ans - (B) Business environment includes both internal factors and external factors.

7. Which of the following groups best describes entrepreneurship ecosystem components?

- (A) Life cycle and growth**
- (B) Government and Constitution**
- (C) Business environment and finance**
- (D) Structure and calculations**

Ans - (C) Business environment and finance

8. Who is a leader?

- (A) Who orders**
- (B) Who leads**
- (C) Who manages**



(D) Who supervises

Ans - (B) Who leads

9. Which of the following cannot be considered as a key trait of an entrepreneur?

(A) Innovative

(B) Passionate

(C) Visionary

(D) Unadoptable

Ans - (D) Unadoptable

10. SME stands for

(A) Small and Major Enterprise

(B) Small and Medium-sized Enterprises

(C) Small and Mixed Enterprises

(D) Service and Manufacturing Enterprises

Ans - (B) Small and Medium-sized Enterprises

11. The point of no profit-no loss is known as

(A) break-even point

(B) contribution

(C) fixed cost

(D) return on investment

Ans - (A) break-even point

12. The Payment of Wages Act was enacted in

(A) 1926

(B) 1936



(C) 1948

(D) 1956

Ans - (B) 1936

13. The past (second form) tense of the verb 'Go' is

(A) going

(B) gone

(C) went

(D) will go

Ans - (C) went

14. The smiling face of a child upon seeing a toy may indicate happiness, which is an example of

(A) posture

(B) touch

(C) gesture

(D) facial expressions

Ans - (D) facial expressions

15. Within how many days should a person apply for registration under the Goods and Services Tax?

(A) Within 60 days from the date he becomes liable for registration

(B) Within 30 days from the date he becomes liable for registration

(C) No time limit

(D) Within 90 days from the date he becomes liable for registration

Ans - (B) Within 30 days from the date he becomes liable for registration

16. What is the cut off turnover limit for compulsory registration under GST?

(A) 9 lakhs



- (B) If it exceeds 20 lakhs
- (C) 50 lakhs
- (D) No limit for registration

Ans - (B) If it exceeds 20 lakhs

17. State whether the following statements are True or False:

- (a) Fancy or colourful apparels are usually avoided at the workplace.
- (b) Negotiation simply the act of finding a point of agreement between two parties.

Ans -

- (a) **True**
- (b) **True**

18. State whether the following statements are True or False:

- (a) A letter is a form of written communication.
- (b) TQM stands for Total Quality Management.

Ans -

- (a) **True**
- (b) **True**

19. Complete any two of the following sentences by filling the correct forms of verbs:

- (a) Rakesh has _____ (work) in healthcare industry for 15 years.
- (b) Her career _____ (be) quite successful.
- (c) Reshma is _____ (go) to visit her friend.
- (d) She has been _____ (stay) in India for last 5 years.

Ans -

- (a) Rakesh has worked in healthcare industry for 15 years.



- (b) Her career has been quite successful.
- (c) Reshma is going to visit her friend.
- (d) She has been staying in India for last 5 years.

20. Differentiate between File virus and Trojan horse.

Ans - Differentiate between File virus and Trojan horse :

Basis	File Virus	Trojan Horse
Meaning	A file virus is a malicious program that attaches itself to legitimate files (like .exe or .com) and infects them.	A Trojan horse is a malicious program that deceives the user by disguised itself as useful software (like a game or tool).
Spread	It spreads itself from one file to another automatically.	It does not spread by itself. It becomes active only when the user downloads or installs it.
Working Mechanism	It becomes active as soon as the infected file is opened and damages the system.	It damages the system only after being installed or run by the user.

21. What are the do's and don'ts of discussion etiquette?

Ans - Do's And Don'ts Of Discussion Etiquette :

Do's of Discussion Etiquette	Don'ts of Discussion Etiquette
Listen carefully to others during the discussion.	Avoid interrupting others while they are speaking.
Wait for your turn and be patient.	Do not use aggressive language or personal comments.
Always use clear, concise, and polite language.	Avoid arguing or turning the discussion into a dispute.
Present your points with logical reasoning.	Do not speak in a loud voice and keep your cool.



22. Prepare a list showing classification of network with reference to distance.

Ans - Network classification based on distance :

- **LAN (Local Area Network):** Limited to a small area like a home or office.
- **MAN (Metropolitan Area Network):** A network spread across a city.
- **WAN (Wide Area Network):** A network spread across a large geographical area, such as a country or continent.

23. Differentiate between LAN and WAN.

Ans - Differentiate between LAN and WAN :

Feature	LAN (Local Area Network)	WAN (Wide Area Network)
Geographical Coverage	It covers a small geographical area, such as a home, school, or office building.	It covers a large geographical area, such as an entire country or even a continent.
Speed and Cost	It has a high data transfer speed and is less expensive to set up and maintain.	Its data transfer speed is generally lower than LAN, and it is more expensive to set up and maintain.

24. What are the do's and don'ts regarding information security?

Ans - Do's and Don'ts regarding information security:

- **Do's :** Use strong passwords and change them periodically; keep your anti-virus software updated.
- **Don'ts :** Do not share your password with any unknown person and do not click on suspicious emails or links.

25. Prepare a list of four resources of production.

Ans - Four Resources Of Production :

1. Land
2. Labour
3. Capital
4. Entrepreneurship



26. Explain organizational structure.

Ans - An organizational structure is a framework that defines the roles, responsibilities, and reporting relationships within an organization. It clearly specifies who reports to whom and how decisions are made at different levels.

27. What is accident report?

Ans - An accident report is an official written document that records all the details of an accident that occurs at the workplace, such as when, where, and how the accident happened, the damage or injuries caused, and the reasons behind it.

28. What are the PSMART objectives?

Ans - PSMART is a framework used for setting effective and clear goals. The acronym stands for the following:

- **– Performance-based:** The objective should be linked to performance, helping to determine how to reach one's goals.
- **S – Specific:** The goal must be clear and well-defined so you know exactly what you want to achieve.
- **M – Measurable:** It should be possible to measure progress so you can track how much you have achieved.
- **A – Achievable:** The goal must be realistic and attainable based on available resources and capabilities.
- **R – Relevant:** The objective should be meaningful and aligned with your broader career or life purposes.
- **T – Time-bound:** Every goal should have a definite deadline or timeframe for completion.

29. What is the difference between concrete experience and reflective observation?

Ans - Difference between Concrete Experience and Reflective Observation :

Basis	Concrete Experience	Reflective Observation
Meaning	Personally participating in a situation to gain direct experience.	Thinking about the experiences gained, observing them, and analyzing them.
Process	It is an active process in which we directly perform and experience activities.	It is a thoughtful process in which we reflect on why and how the experience happened.

30. List any four benefits of 'World Wide Web'.

Ans - Four advantages of the World Wide Web (WWW) are:

1. It provides easy access to information available on the Internet.



2. It offers useful educational and learning resources.
3. It makes communication easy through e-mail, social media, and other online platforms.
4. It allows users to access online shopping, banking, and other services from home.

Or

Why do we use e-mail?

Ans - E-mail (Electronic Mail) is used to send and receive messages, documents, images, and other files quickly over the Internet. It is a fast, convenient, and cost-effective means of communication.

31. What do you understand by miscommunication?

Ans - Miscommunication is a situation in which the receiver does not correctly understand the message sent by the sender or interprets it incorrectly. As a result, confusion, misunderstanding, and communication barriers arise.

32. Briefly explain the meaning of cloud computing.

Ans - Cloud Computing is a technology that allows users to access data, software, and other computing services through the Internet. In cloud computing, data and applications are stored on Internet-based servers instead of a local computer, making them accessible from anywhere whenever needed.

Or

"A business organization is a complex structure which requires automation beyond a particular scale of operations." In the light of the given statement, explain the concept of ERP.

Ans - ERP (Enterprise Resource Planning) is a software system that integrates different departments of an organization, such as production, purchasing, sales, accounting, human resources, and inventory, into a single system. All departments use a common database, which enables faster and easier sharing of information. ERP improves business efficiency and helps in better management of organizational resources.

33. What is STD?

Ans - STD stands for Subscriber Trunk Dialing. It is a telecommunication service that allows a person to make long-distance telephone calls directly to another city or location without the assistance of a telephone operator.



34. Cyberterrorism has emerged as the new threat to cybersecurity in India. Explain.

Ans - Cyberterrorism refers to the use of the internet or computer networks to intimidate or cause harm to governments, institutions, or the general public. In today's digital age, it has become a major threat to national security because it targets critical data, banking systems, and government infrastructure.

Or

What do you understand by workmen incentives?

Ans - Workmen incentives are additional benefits or rewards that an employer provides to their employees to improve performance, increase productivity, and achieve company goals. These can be financial (like bonuses) or non-financial (like recognition).

35. Write any four types of listening.

Ans - Four types of listening :

1. **Active Listening:** Listening to and understanding the speaker's words carefully.
2. **Empathetic Listening:** Attempting to understand the feelings and perspective of the speaker.
3. **Critical Listening:** Evaluating and analyzing information.
4. **Appreciative Listening:** Listening only for pleasure or appreciation (such as music or poetry).

Or

Differentiate between recruitment and selection.

Ans - Difference between Recruitment and Selection :

Recruitment	Selection
The purpose of recruitment is to attract the maximum number of eligible candidates to apply for a job.	The purpose of selection is to choose the most suitable candidate for the job.
It is a positive process because it encourages more candidates to apply.	It is a negative process because unsuitable candidates are eliminated.
Recruitment is carried out before the selection process.	Selection is carried out after the recruitment process.

36. What do you understand by given and chosen identities?**Ans - Given and Chosen Identities:**

- **Given Identity:** This is the identity a person receives at birth and does not choose themselves. Examples include name, family, gender, birthplace, and language.
- **Chosen Identity:** This is the identity a person chooses based on their interests, education, work, and decisions. Examples include teacher, doctor, athlete, artist, etc.

Or

Highlight the importance of good resume.

Ans - A good resume/CV is the first step toward getting a job. Its importance is as follows:

- It creates the first impression of the candidate.
- It provides a concise summary of education, skills, and experience.
- It helps the employer evaluate the candidate.
- A good resume increases the chances of getting an interview.

37. Write four points you will keep in mind while writing an argumentative paragraph.

Ans - While writing an argumentative paragraph, the following should be kept in mind:

- The topic should be clear and purposeful.
- Arguments should be based on facts and evidence.
- Language should be simple, clear, and effective.
- The conclusion should be appropriate and consistent with the arguments.

38. Discuss the importance of occupational hygiene.

Ans - Importance of Occupational Hygiene :

- **Health Protection:** It protects employees from diseases, infections, and accidents.
- **Increase in Efficiency:** Working in a clean environment increases the efficiency and productivity of employees.
- **Reduction in Accidents:** In a clean and organized workplace, the chances of slipping, fire, or machine accidents are reduced.
- **Mental Satisfaction:** A clean environment increases the confidence and satisfaction of employees.



39. What are the causes of industrial failures?

Ans - Causes of Industrial Failures:

- **Lack of Capital:** Growth stops due to insufficient funds.
- **Lack of Skilled Management:** Work is affected by poor planning and management.
- **Weak Marketing:** Profit decreases due to lower sales of products.
- **Lack of Technical Knowledge and Training:** Modern technology cannot be utilized correctly.
- **Shortage of Raw Material:** Production is affected if raw materials are not received on time.
- **Labour-Management Disputes:** Disputes between employees and management can halt production.

Or

Find the mistakes in the given statements and rectify them:

(a) Both my grandparents is going to a Yoga camp.

(b) A man were eating his food.

Ans -

(a) Both my grandparents **are** going to a Yoga camp.

(b) A man **was** eating his food.

40. It is essential to maintain a healthy environment at workplace, but sometimes disputes may arise and may result into negative relationship amongst the employees. Give one example of any such dispute and your suggestions to resolve that dispute.

Ans - Conflicts among employees are common in the workplace. If they are not resolved in time, they can affect work performance.

Example: Two employees have a disagreement over the distribution of work. Both feel they have been assigned more work than the other.

Suggestions to resolve the conflict:

1. Listen to both sides carefully and fairly.
2. Discuss the issue calmly to find a solution.
3. Distribute work equally and appropriately.



4. Seek help from a senior officer or manager if necessary.
5. Treat all employees with respect and fairness.

Or

Write any three principles of manual material handling.

Ans - Three Principles Of Manual Material Handling :

1. Keep the load close to your body while lifting or carrying it to reduce strain on the back.
2. Use your legs, not your back. Bend your knees while lifting because the leg muscles are stronger.
3. Avoid sudden jerks and maintain balance while lifting or placing objects to reduce the risk of injury.

41. What first aid will you give in the following situations (any three)?

(a) Burn

(b) Shock

(c) Spinal injury

(d) Bleeding

Ans -

(a) Burns

- Cool the burned area immediately with cold water.
- Cover it with a clean bandage and seek medical attention if needed.

(b) Electric Shock

- Switch off the electricity supply first.
- Move the victim to a safe place and seek immediate medical help.

(c) Spinal Injury

- Do not move the injured person.
- Call an ambulance and wait for medical assistance.



(d) Bleeding

- Apply pressure to the wound using a clean cloth or bandage.
- If the bleeding does not stop, take the person to a hospital immediately.

42. Explain the process of setting up a small business.

Ans - To start a small business, proper planning, resources, and legal procedures are essential.

Steps to establish a small business :

1. Select a suitable business idea based on your interest and market demand.
2. Conduct market research to understand customer needs and competition.
3. Prepare a business plan covering cost, capital, profit, and marketing.
4. Arrange funds through personal savings, bank loans, or government schemes.
5. Obtain the required registrations and licenses.
6. Launch the business and promote your products or services.

Or

Elaborate various assistances provided by the Central Government for setting up of an enterprise.

Ans - Various assistances provided by the Central Government:

- **Financial Assistance:** The government provides loans and subsidies through schemes such as MUDRA Yojana.
- **Technical Assistance:** Atal Incubation Centres (AICs) provide infrastructure, technology, and equipment to startups.
- **Business Planning and Guidance:** Under the Atal Innovation Mission (AIM), startups receive guidance from expert mentors.
- **Skill Development:** Through the Skill India Mission, entrepreneurs receive industry-oriented training.
- **Digital India Initiative:** This program promotes digital empowerment, enabling businesses to provide online services more effectively.

43. Mention any five commodities which are kept outside the purview of GST.

Ans - According to the Goods and Services Tax (GST) Act, the following five items are currently outside the scope of GST:

1. **Petroleum Crude :** Crude oil does not come under GST.



2. **Petrol** : Motor spirit or petrol has also been kept outside GST.
3. **High-Speed Diesel** : GST is not applicable to diesel either.
4. **Natural Gas** : Natural gas is also outside the ambit of GST.
5. **Aviation Turbine Fuel (ATF)** : The fuel used in airplanes has also been kept outside the purview of GST.

Or

Briefly explain the Workmen's Compensation Act, 1923.

Ans - When an employee meets with an accident during the course of employment, it is essential to provide financial security to the employee and his/her family. For this purpose, the **Employees' Compensation Act, 1923** was enacted. If an employee suffers an injury, temporary or permanent disability, or dies due to a work-related accident, the employer is legally required to provide compensation to the employee or the employee's dependents in accordance with the provisions of the Act.





Thank you!



We hope you found this material helpful. We wish you the very best for your examination.



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