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Sub ⇒ HRM
Course ⇒ Btech CS General 7th Sem

# ASSIGNMENT - 3

**TOPIC :-** Performance evaluation : Meaning, Purpose & Benefits

→ Performance Evaluation Methods :-

There are most critical performance evaluation methods.

1. Self - evaluation

Self-evaluation is when an employee is expected to make themselves using multiply-choice.

2. 360-degree employee evaluation

An employee is rated in terms of the advancement made by him/her within team as well as with external teams.

3. Graphics rating scale

Employee skills, Expertise, Conduct and other qualities in comparison to others in a team, can be evaluated. This scale should ideally be the same you each employee.

4. Development checklists

Every organization has a certain roadmap for each employee for their development as well as exhibited behaviour.

5. Demanding events checklist

An intelligent manager always tends to keep a demanding events list where employee show good or bad qualities.

# Definition of Performance Evaluation

It is defined as a formal and productive procedure to measure an employee's work and results based on their job responsibilites.
It is used to gauge the amount of value added by an employee in terms of increased business revenue.

# Purpose of Performance Evaluation

- The goal of this entire process of performance evaluation is to improve the way a team or an organization functions.
- It lets an employee understand where does he/she stands as compared to others in the organizations
- A employeer can provide consitent feedback on an employee's strength.

# Benefits of having Performance evaluation

1. It will provide your employees with clarity on their job description.
2. It will enhance merit-based compensation.
3. Your employees will be able to compared targets as well as goals.
4. It will boost the moral of your company.
5. Improved communication.
6. Build a career path.
7. check levels of engagement.
8. Get feedback your yourself
9. Resource planning

# ANUJ SAKLANI

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## Education

**Seth Jai Parkash Mukand Lal Institute of Engineering and Technology, India** **2019 - 2023**
- Bachelor of Engineering (B.E) in Computer Engineering | CGPA: **8.88/10**

**KSK Academy, India** **2018 - 2019**
- *AISSCE (Class XII)*

**Tinu Public School, India** **2016 - 2017**
- *AISSE (Class X)*

## Skills

C++ | DSA | C | Java | JavaScript | NodeJS | Express | React | MongoDB | MySQL | Git | Ejs | REST API | Mongoose | jQuery | SOCKET.IO | Gitbash

## INTERNSHIPS

**Geeks For Geeks | MTS Intern** **July,22 (Current)**
- Currently working with a Core **Data structure and Algorithm** team of **Geeks for Geeks.**
- Roles & Responsibilities**:- Algorithm Debugging**, Work on **Doubt Support** (DSA), Review the **Technical Content**.

**RASP INFOTECH | SDE Intern** **Sep'21 - Oct'21**
- Worked on the **User Interface** of a **Pharmaceutical Startup** from Scratch.
- **Integration** of **Backend** using **NodeJs | ExpressJs, Debugged the** code breaks, and **Testing of API**.

**SGI INFOSYSTEMS | FRONT- END LEAD Intern** **Aug'21 - Sep'21**
- Build the **Front-end** part of the whole **Live Project** ( **CareerItHub** ) along with a **Team** of 10 Members.
- Got **featured i**n the **Web** team section, **Declared** as the **Best UI Designer** among all the Teams.

## Projects

**EDUSCOPE**
A nodejs based application for my college using MERN stack plus various technologies include (passport.js , EJS, cookies & sessions).
- A **fullstack** application that contains the **syllabus pattern** of all the courses plus **Chatboat** and **Review box** for extra queries.
- More than **400+** previous year question papers & **100+ sample papers** of all the subjects for the practice.
- **Session and cookies** plus **google** & **facebook authentication** for better user experience , **800+** users and **2000+** visits.

**VIPER**
*A multi user chatting platform using HTML, CSS JS, JQuery, EJS, SASS, Nodejs and Socket.io*
- **Real time** chatting application with multi features.
- Notification of User's status **(Joined or Left)** with name & the number of **current** users.

**Confess Diary**
*A Global anonymous Confession Platform using HTML,CSS, JS, Mailchimp, OAuth, Nodejs, Express, MongoDB, Mongoose & EJS*
- A website with **6th** level of Authentication with **OAuth**.
- Users can **Register/Login** manually by using their **google** or **facebook** account.
- The user database is **hashed** by using **passportjs** to prevent the data breach.
- **Cookies** and **Sessions** used here to add extra functionality and users can **confess anonymously**.

## Academic and Extracurricular Achievements

**|| 4 star @Leetcode (Global Rank : under 4k) ||**
1. Top **1** in Techtok ( patterns coding platform among **5000** participants, **1100+** DS problems **5*** in **PS.**
2. **Nine internships** with excellent performances.
3. **Zonal** level **kho-kho** player.

## Positions of Responsibility

1. **HCC CLUB, JMIT** | CONVENER
   i. Helped students in improving their Coding skills.
   ii. Monthly coding activities for students.
2. Helped over 900+ students in learning C/C++.

# Operating System:

1. What is the main purpose of an operating system? Discuss different types?
2. What is a socket, kernel and monolithic kernel ?
3. Difference between process and program and thread? Different types of process.
4. Define virtual memory, thrashing, threads.
5. What is RAID ? Different types.
6. What is a deadlock ? Different conditions to achieve a deadlock.
7. What is fragmentation? Types of fragmentation.
8. What is spooling ?
9. What is semaphore and mutex (Differences might be asked)? Define Binary semaphore.
10. Belady's Anomaly
11. Starving and Aging in OS
12. Why does trashing occur?
13. What is paging and why do we need it?
14. Demand Paging, Segmentation
15. Real Time Operating System, types of RTOS.
16. Difference between main memory and secondary memory.
17. Dynamic Binding
18. FCFS Scheduling
19. SJF Scheduling
20. SRTF Scheduling
21. LRTF Scheduling
22. Priority Scheduling
23. Round Robin Scheduling
24. Producer Consumer Problem
25. Banker's Algorithm
26. Explain Cache
27. Diff between direct mapping and associative mapping
28. Diff between multitasking and multiprocessing

# DBMS:

1. What is DBMS ? Mention advantages..
2. What is Database?
3. What is a database system?
4. What is RDBMS ? Properties..
5. Types of database languages
6. ACID properties (VVVVV IMP)
7. Difference between vertical and horizontal scaling
8. What is sharding
9. Keys in DBMS
10. Types of relationship
11. Data abstraction in DBMS, three levels of it
12. Indexing in DBMS
13. What is DDL (Data Definition Language)
14. What is DML (Data Manipulation Language)
15. What is normalization ? Types of them ..
16. What is denormalization ?
17. What is functional dependency ?
18. E-R Model ?
19. Conflict Serializability in DBMS ..
20. Explain Normal forms in DBMS
21. What is CCP ? (Concurrency Control Protocols)
22. Entity, Entity Type, Entity Set, Weak Entity Set..
23. What are SQL commands ? Types of them..
24. Nested Queries in SQL ?
25. What is JOIN .. Explain types of JOINs
26. Inner and Outer Join
27. Practice sql queries from leetcode
28. Diff between 2 tier and 3 tier architecture
29. Diff between TRUNCATE and DELETE command ..
30. Difference between Intension and Extension in a DataBase
31. Difference between share lock and exclusive lock, definition of lock

# Compute Networks:

1. Define network
2. What do you mean by network topology, and explain types of them
3. Define bandwidth, node and link ?
4. Explain TCP model ..
5. Layers of OSI model
6. Significance of Data Link Layer
7. Define gateway, difference between gateway and router ..
8. What does ping command do ?
9. What is DNS, DNS forwarder, NIC, ?
10. What is MAC address ?
11. What is IP address, private IP address, public IP address, APIPA ?
12. Difference between IPv4 and IPv6
13. What is subnet ?
14. Firewalls
15. Different type of delays
16. 3 way handshaking
17. Server-side load balancer
18. RSA Algorithm
19. What is HTTP and HTTPS protocol ?
20. What is SMTP protocol ?
21. TCP and UDP protocol, prepare differences
22. What happens when you enter “google.com” (very very famous question)
23. Hub vs Switch
24. VPN, advantages and disadvantages of it
25. LAN