Vivekanand College, Kolhapur (Autonomous)

Dept. of Computer Science

Continuous Internal Evaluation from 2018-19

Class	Examination	Subject Code	Internal Marks	Distribution	Marks
B.Sc. I	Oct'2018	Problem Solving using Computers DSE-1006A		Open Book Test-I	5
				Open Book Test-II	5
				Online Test	5
				Assignment	5
B.Sc. I	March'2019	Problem Solving using Computers DSE-1006A		Assignment	5
				Paper Presentation	5
				Online Test	10

Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR

B.Sc. I (Internal Evaluation) Oct' 2018

Sr.No	Roll No		Name	Unit Test-I	Unit Test-II	Online Test	Assignment Book	Total
1	7859	KU	JANGATE AJIT SUKUMAR	5	5	5	4	19
2	7860	MR	KADAM ARCHIET CHANDRAKANT	5	5	4	3	17
3	7861	MISS	KAMBLE TEJASHRI SAMBHAJI	5	5	5	3	18
4	7862	KU	KAMBLE RAHUL DEEPAK	5	5	5	4	19
5	7863	MR	KOUNDADE SHUBHAM RAVINDRA	5	5	4	5	19
6	7864	MISS	MAHAJAN SAKSHI ANIL	5	5	5	5	20
7	7865	MR	PATIL SHIVAM BALIRAM	5	5	3	5	18
8	7866	KU	PATIL ROHAN ASHOK	5	5		3	13
9	7867	MR	PATIL SHUBHAM SANJAYKUMAR	5	5	4	5	19
10	7868	KU	PATIL SAMMED RAJGONDA	5	5	5	5	20
11	7869	MISS	PATIL POOJA RAVALU	5	5		5	15
12	7870	MISS	PATIL VAISHNAVI DASHRATH	5	5	4	5	19
13	7871	MISS	PAWAR AISHWARYA CHANDRAKANT	5	5	5	5	20
14	7872	MR	POWAR PRASHANT VISHAL	5	5	5	5	20
15	7873	MISS	SALUNKHE KALYANI SANJAY	5	5	4	5	19
16	7874	MISS	SAWANT BHAKTI ARUN	5	5	4	5	19
17	7875	MISS	SHAIKH MUSKAN MOHIDDIN	5	5	5	5	20
18	7877	KU	SHINDE PRATIK CHANDRAKANT	5	5	5	5	20
19	7878	MR	SUTAR VISHWAJEET GANESH	5	5	5	3	18
20	787	KU	YADAV SAIPRASAD SHRINIVAS	5	5	5	3	18

	9							
21	7880	MISS	YAMGARNIKAR SNEHAL NITIN	5	5	5	5	20
22	7881	MR	BAGANIKAR SANKET SUHAS	5	5	3	3	16
23	7882	MISS	CHOUGALE NIRANJANEE NANDKUMAR	5	5	5	5	20
24	7883	KU	CHOUGALE SHUBHAM PANDURANG	5	5	4	4	18
25	7884	MR	GHOTANE SAGAR UMESH	5	5	5	4	19
26	7885	MISS	HANDE RUTUJA RAJU	5	5	4	5	19
27	7886		HEGADE VAISHNAVI KIRAN	5	5	2	4	16
28	7887	MISS	KAMBLE PRAJAKTA SUNDAR	5	5	4	5	19
29	7888	MR	KAMBLE YASH BALU	5	5	5	4	19
30	7889	MISS	KAMBLE SHUBHANGI PRAKASH	5	5	4	4	18
31	7890	MISS	KAROSHI SPURTHI MALLIKARJUN	5	5	4	5	19
32	7891	MISS	KHARADE NISHA NARAYAN	5	5	4	5	19
33	7893		NILLE AISHWARYA SACHIN	5	5	4	5	19
34	7894	MISS	NIMBALKAR MANASI ARUN	5	5	5	5	20
35	7895	MISS	PATHARE AKSHATA NITIN	5	5	5	5	20
36	7896	MISS	PATIL SNEHAL VILAS	5	5	5	5	20
37	7897	MISS	PATIL AMRUTA AMAR	5	5	5	5	20
38	7898	MR	PATIL SHIVAM RAJENDRA	5	5	5	4	19
39	7899	MR	PATIL VINOD VIJAY	5	5	5	5	20
40	7900		PATIL GAUTAMYashawantrao	5	5	5	4	19
41	7901	MR	SASNE RUTVIK SAMBHAJI	5	5	5		15
42	7902	MISS	SHETE ADITI SUNIL	5	5	4	5	19
43	7904	MISS	TODKAR SHARVARI SANJAY	5	5	4	5	19
44	7905	MISS	URANE RACHANA RAJU	5	5	5	5	20
45	790	MR	VALVI RAJENDRA RAVIDAS	5	5	5	5	20

	6							
46	7907	MISS	YADAV RUTUJA DEEPAK	5	5	5	5	20
47	7908	Mr.	PATIL SHRITEJ SUBHASH	5	5	5	3	18

Subject Teacher

H.O.D .

Shri Swami Vivekanand ShishanSansth'a

VIVEKANAND COLLEGE, KOLHAPUE(AUTONOMOUS)

INTERNAL EVALUATION MARCH-2019

Sr.No	Roll No		Name	Assignment No.I	Paper Presentation	Online Test	Total
1	7859	KU	JANGATE AJIT SUKUMAR	5	5	10	20
2	7860	MR	KADAM ARCHIET CHANDRAKANT		3	10	13
3	7861	MISS	KAMBLE TEJASHRI SAMBHAJI	5	3	10	18
4	7862	KU	KAMBLE RAHUL DEEPAK		5	10	15
5	7863	MR	KOUNDADE SHUBHAM RAVINDRA	5	5	10	20
6	7864	MISS	MAHAJAN SAKSHI ANIL	3	5	10	18
7	7865	MR	PATIL SHIVAM BALIRAM	3	5	8	16
8	7866	KU	PATIL ROHAN ASHOK	3	5	2	10
9	7867	MR	PATIL SHUBHAM SANJAYKUMAR	3	5	10	18
10	7868	KU	PATIL SAMMED RAJGONDA		3	7	10
11	7869	MISS	PATIL POOJA RAVALU	5	5	10	20
12	7870	MISS	PATIL VAISHNAVI DASHRATH	3	5	9	17
13	7871	MISS	PAWAR AISHWARYA CHANDRAKANT	5	5	9	19
14	7872	MR	POWAR PRASHANT VISHAL	3	5	10	18
15	7873	MISS	SALUNKHE KALYANI SANJAY	3	5	9	17
16	7874	MISS	SAWANT BHAKTI ARUN	5	3	9	17
17	7875	MISS	SHAIKH MUSKAN MOHIDDIN	3	5	10	18
18	7877	KU	SHINDE PRATIK CHANDRAKANT	5	5	9	19
19	7878	MR	SUTAR VISHWAJEET GANESH	3	3	2	8
20	7879	KU	YADAV SAIPRASAD SHRINIVAS		5	10	15
21	7880	MISS	YAMGARNIKAR SNEHAL NITIN	5	5	10	20
22	7881	MR	BAGANIKAR SANKET SUHAS		3	5	8
23	7882	MISS	CHOUGALE NIRANJANEE NANDKUMAR	3	5	10	18
24	7883	KU	CHOUGALE SHUBHAM PANDURANG	3	5	9	17
25	7884	MR	GHOTANE SAGAR UMESH	3	5		8
26	7885	MISS	HANDE RUTUJA RAJU	3	5	9	17
27	7886		HEGADE VAISHNAVI KIRAN				
28	7887	MISS	KAMBLE PRAJAKTA SUNDAR	5	5	3	13
29	7888	MR	KAMBLE YASH BALU	3	5	9	17
30	7889	MISS	KAMBLE SHUBHANGI PRAKASH	3	5	10	18
31	7890	MISS	KAROSHI SPURTHI MALLIKARJUN	5	5	9	19
32	7891	MISS	KHARADE NISHA NARAYAN	3	5	9	17
33	7893		NILLE AISHWARYA SACHIN	3	5	10	18
34	7894	MISS	NIMBALKAR MANASI ARUN	3	5	8	16
35	7895	MISS	PATHARE AKSHATA NITIN	5	5	9	19
36	7896	MISS	PATIL SNEHAL VILAS	5	5	10	20
37	7897	MISS	PATIL AMRUTA AMAR	5		8	13
38	7898	MR	PATIL SHIVAM RAJENDRA	3	5	8	16

39	7899	MR	PATIL VINOD VIJAY	5	5	10	20
40	7900		PATIL GAUTAMYashawantrao	3	5	10	18
41	7901	MR	SASNE RUTVIK SAMBHAJI		3	5	8
42	7902	MISS	SHETE ADITI SUNIL	3	5	9	17
43	7904	MISS	TODKAR SHARVARI SANJAY	5	5	8	18
44	7905	MISS	URANE RACHANA RAJU	3	5	8	16
45	7906	MR	VALVI RAJENDRA RAVIDAS		5	7	12
46	7907	MISS	YADAV RUTUJA DEEPAK	3	5	4	12
47	7908	Mr.	PATIL SHRITEJ SUBHASH	3	5	8	16

Subject
Teacher

H.O.D.

Vivekanand College, Kolhapur (Autonomous)

B.Sc.- I (2018-19) **DBMS Internal Marks Oct' 2018**

Sr.No.	Roll No	Name Of The Students	ASS-I	ASS-II	Total
1	7859	JANGATE AJIT SUKUMAR	5	5	10
2	7860	KADAM ARCHIET CHANDRAKANT	0	0	0
3	7861	KAMBLE TEJASHRI SAMBHAJI	5	5	10
4	7862	KAMBLE RAHUL DEEPAK	0	0	0
5	7863	KOUNDADE SHUBHAM RAVINDRA	5	5	10
6	7864	MAHAJAN SAKSHI ANIL	0	5	5
7	7865	PATIL SHIVAM BALIRAM	5	0	5
8	7866	PATIL ROHAN ASHOK	5	0	5
9	7867	PATIL SHUBHAM SANJAYKUMAR	0	5	5
10	7868	PATIL SAMMED RAJGONDA	0	0	0
11	7869	PATIL POOJA RAVALU	5	5	10
12	7870	PATIL VAISHNAVI DASHRATH	0	5	5
13	7871	PAWAR AISHWARYA CHANDRAKANT	5	5	10
14	7872	POWAR PRASHANT VISHAL	0	5	5
15	7873	SALUNKHE KALYANI SANJAY	0	5	5
16	7874	SAWANT BHAKTI ARUN	5	5	10
17	7875	SHAIKH MUSKAN MOHIDDIN	0	5	5
18	7877	SHINDE PRATIK CHANDRAKANT	5	5	10
19	7878	SUTAR VISHWAJEET GANESH	0	0	0
20	7879	YADAV SAIPRASAD SHRINIVAS	0	0	0
21	7880	YAMGARNIKAR SNEHAL NITIN	5	5	10
22	7881	BAGANIKAR SANKET SUHAS	0	0	0
23	7882	CHOUGALE NIRANJANEE NANDKUMAR	0	5	5
24	7883	CHOUGALE SHUBHAM PANDURANG	0	5	5
25	7884	GHOTANE SAGAR UMESH	0	0	0
26	7885	HANDE RUTUJA RAJU	0	5	5
27	7886	HEGADE VAISHNAVI KIRAN	0	5	5
28	7887	KAMBLE PRAJAKTA SUNDAR	5	5	10
29	7888	KAMBLE YASH BALU	0	5	5
30	7889	KAMBLE SHUBHANGI PRAKASH	0	5	5
31	7890	KAROSHI SPURTHI MALLIKARJUN	5	5	10
32	7891	KHARADE NISHA NARAYAN	0	5	5
33	7893	NILLE AISHWARYA SACHIN	0	5	5
34	7894	NIMBALKAR MANASI ARUN	0	5	5
35	7895	PATHARE AKSHATA NITIN	5	5	10
36	7896	PATIL SNEHAL VILAS	5	5	10
37	7897	PATIL AMRUTA AMAR	5	5	10
38	7898	PATIL SHIVAM RAJENDRA	0	5	5
39	7899	PATIL VINOD VIJAY	5	5	10
40	7900	PATIL GAUTAM YASHWANTRAO	0	5	5

41	7901	SASNE RUTVIK SAMBHAJI	0	0	0
42	7902	SHETE ADITI SUNIL	5	0	5
43	7903	SHINTRE PRANJAL PRAKASH	0	0	0
44	7904	TODKAR SHARVARI SANJAY	5	5	10
45	7905	URANE RACHANA RAJU	0	5	5
46	7906	VALVI RAJENDRA RAVIDAS	0	0	0
47	7907	YADAV RUTUJA DEEPAK	0	5	5
48	7908	PATIL SHRITEJ SUBHASH	0	5	5

Subject Teacher

H.O.D.

Vivekanand College, Kolhapur

Department of Computer Science

B.Sc. III Final Project Prelim on (Friday) 23/02/2018

Group. No	Name of the Student	Project title	Sign
1	Patil Mayuri Mohanrao	Online Book Management System	
	Ardalkar Pornima Vijay		
2	Patil Ravindra Suresh	Online Paper Assessment System	
	Kulkarni Swanand Chintamani		
3	Aundhkar Sonal Vijay	Chandoli Agri Tourism	
	Khotlande Aishwarya Sachin		
4	Makhija Divya Anilkumar	Wedding Planner (The Velvet Box)	
	Shintre Shivani Rajendra		
5	Parate Aditi Abhay	Shopping Website	
6	Ingule Pratiksha Suresh	Dream events	
6	Patil Sayali Prakash	Maharashtra Tourism	
	Malage Nisha Amit		
7	Dalavi Ajay Namdev	Packers and Movers	
	Kalage Pratik Sharad		
8	Parit Shivani Subhash	Online Gift Shop	
	Patil Amrita Chandrakant		
9	Hanchnale Shivani Suresh	Online Farming Advisory System	
	Mali Pratiksha Rajesh		
10	Sant Manasi Mahesh	Medical Instruments	
	Sant Manali Mahesh		
11	Hanchnale Bhagyashri Shrishail	Online Complaint System for Kolhapur City Police	
	Desai Nikita Janaba		

Vivekanand College, Kolhapur
Department of Computer Science

12	Siddhanurle Pratiksha Tanaji	Online Fertilizers and Pesticides Shop	
	Patil Komal Shashikant		
13	Navale Trupti Anil	Mess Management System	
14	Asanekar Ajit Anil	Online Car Rent	
	Banage Rohan Pramod		
15	Prabhu Venkatesh Shrinivas	Online Shopping Cart	
16	Jangam Sanket Jayanand	Hotel Booking	
17	Kumbhar Omkar Mahadev	Online Bike Service Station	
	Patil Shubham Gajanan		
18	Chopade Ashish Raghunath	Online Civil Tools	
19	Chavan Amit Dinkar	Employee Payroll and Task Management System	

Mr. I. K. Mujawar **Ms. J. A. Chavan** **Ms. R. Y. Patil** **Dr. V. B. Waghmare**

∴ 16/20 VII

Class test - I

Name - Neha Chavan.
Roll no
Date: 8/4/57
Page No.:

Ans. 1) Software engineering -

It is the application of engineering to design, devlop, implementation, testing and maintainance of software in a systematic method.

Software Qualities -

There are 10 software qualities present in software engineering as following :-

1) Correctness -

At the start of software life cycle the requirements for the software are determined in the requirement specification document. Designed software should meet all the started requirement.

2) Reliability -

Reliability is frequency, critically of software failure, where failure is unexpected or behaviour occuring under operating condition.

3) Reusability -

By reusing existing the devloper can create more complex software in shorter amount of time. Reuse is common technique.

4) User friendlyness -

It describes a software interface that is easy to use.

5) Efficiency -
The characteristics relates the way software uses available resources.

6) Maintainability -
Maintainance of software should be easy for anykind of user.

7) Portability -
The ability of software to perform some functions accross all environment.

8) Visibility -
The purpose of software quality assurance is to provide visibility to management on the processes being followed. The work products is being produced in the organisation.

Ans.2) Characteristics of system -

1. A system is a hole.
2. The components of system interact.
3. The system have input & output.
4. The system is goal secking.
5. System transfers input to yeild output.
6. The system exibits entropy.
7. The system exibits differentiation.
8. The system exibits equifinality.

Date : / /
Page No.:

⑨ The system should be controlled
⑩ The system forms hierarchary.

Ans. 3) Roles & responsibilities of system analyst -

A system analyst should follow -

① Plan a system flow from the ground
② Interact with internal users & customers to learn.
③ Write techniqual requirements from a critical phase.
④ Perform the system testing.
⑤ Interact with designes to understand software limitations.
⑥ Help programees during system of devlopment.
⑦ The documents of requirement & contribute of user manual.
⑧ Whenever the devlopment process is conducted in the system analyst is responsible for designing component.

Tuesday

Name: Saloni Vardhamane.

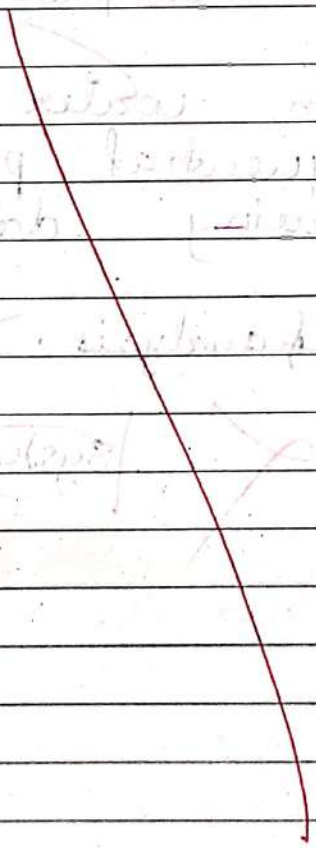
1 DATE 21/8/13

Test 01 20 M

⇒ i] Software engineering is defined as the system anylisis used to. Stystem of design, implementation, integration and testing, deployment of system and maintanence and initialli-sation of the software:

01

The first software SDLC is used widely in software engeneering.

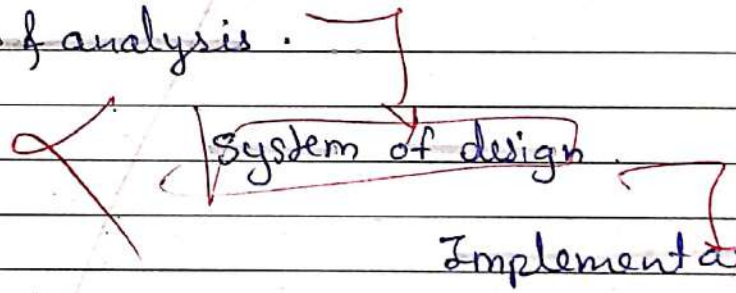


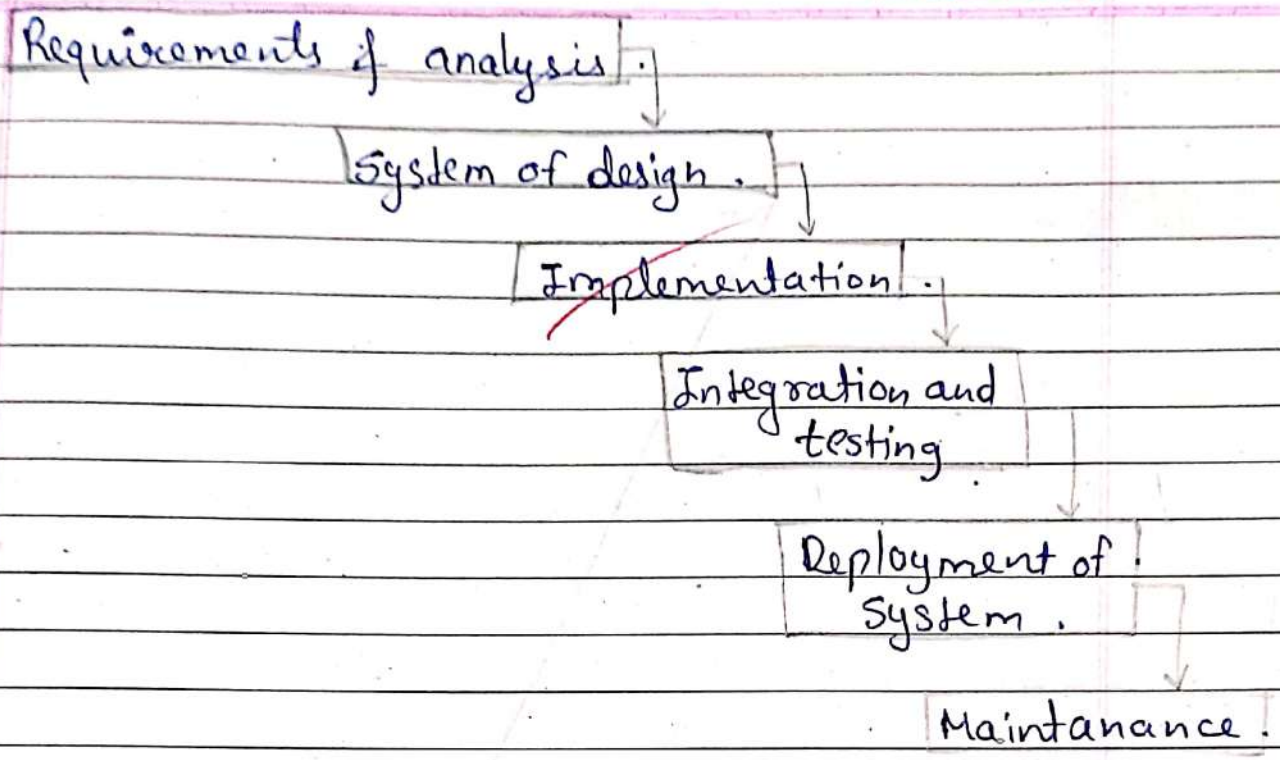
⇒3] Waterfall model :-

Waterfall model is called as linear life cycle of software engeneering.

In waterfall model one phase connot be end till the another phase begans. And their is no overlaping in it. In waterfall model we connot correct or make changes in phase which has been completed.

In water fall model their are squential phases. Shown in the following daigram :-





- Their are six squential phases in the waterfall model.

1] Requirements of analysis.

2] System of design.

3] Implementation.

4] Integration and testing.

5] Deployment of system.

6] Maintanance..

Name :- Sonal Shahaji Patil R.No - 5156,

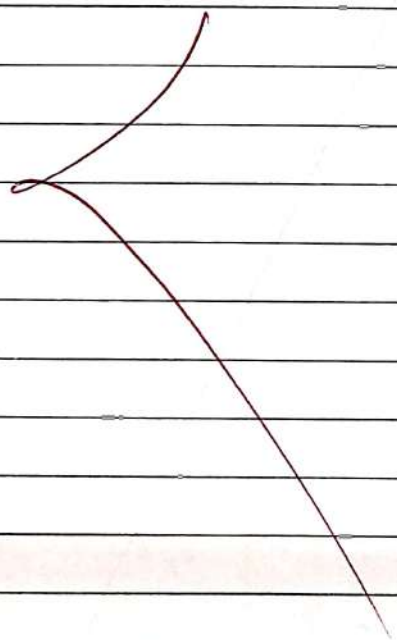
TEST - 1. 00/20 -ey

Q. 1. Roles and responsiblities of a system anyalyst.

→ 1] Internaly understand the languages and providing the super facilites to the system. ~~the~~ .

2] The flow of data flow on grande.

3] .



B.Sc.II Class Test-I (Fundamentals of Software Engineering).

b) Define Software Engineering and discuss Software Qualities in detail.

(any four)

a) Write in brief the characteristics of the system

c) Explain waterfall model in software engineering.

d) Describe Roles and Responsibilities of the System Analyst in detail.

e) Explain SDLC in brief

Name- Amruta. P. Darekar
Roll No- 8146.

GoodLuck | Page No. | Date

d) Roles & Responsibilities of system Analyst :→

→ 1) Plan of system flow the ground up
2) Identify. understand & plan for organisational & human impacts of plan system & insure than new technical requirements are properly integrated with existing system.
3] Interact with internal users & customor to learn and doucment requimends.
4] write technical requirements in critical phase.
5] Interact with designer to understand software limitations.
6] Perform system testing.
7] Deploy complete system.
8] Document requirements to user manual.
9] Helps Programmer during system development.

b) characteristics of a system :→

(1) A system is a whole.
(2) componets, of system interact.
(3) systems are goal seeking
(4) system have input & output
(5) systemes transfer inputs to yeild output.
(6) System must be controlled
(7) System forms a herarchary
(8) system exhibits entropy.
(9) system exhibit equifinality.

GoodLuck | Page No.
Date

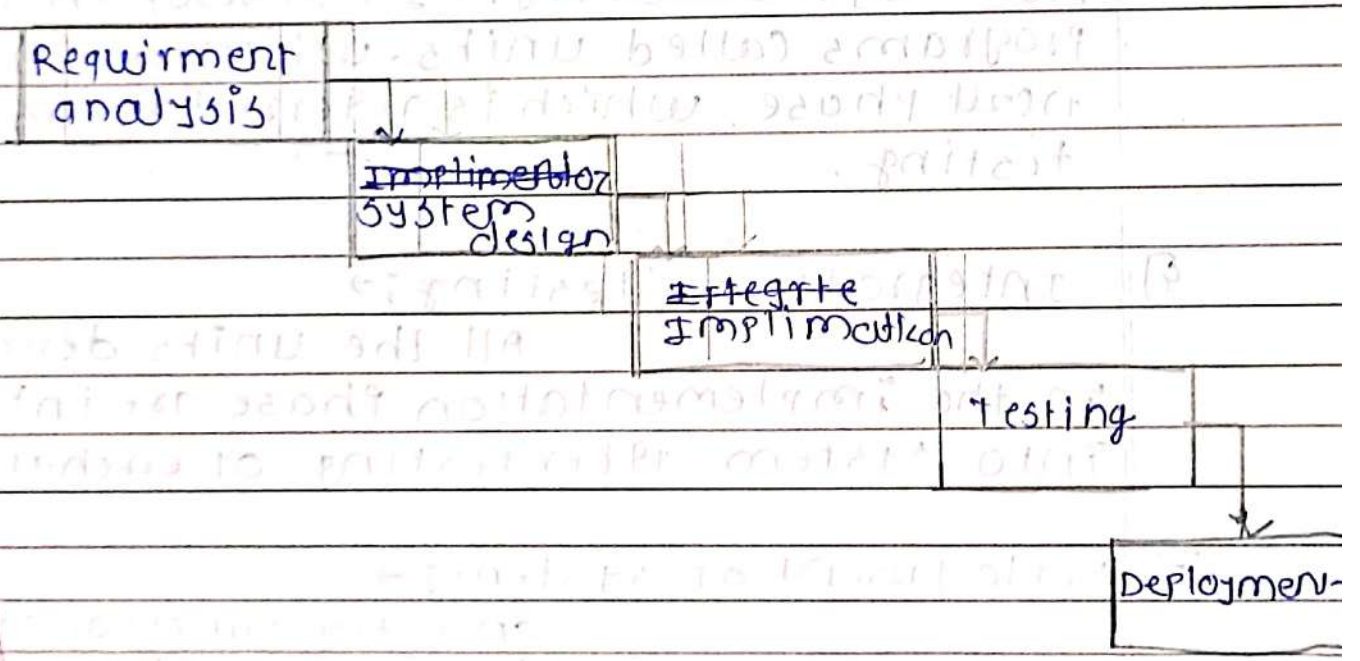
c) Explain waterfall model in software engineering

→ Waterfall model in software engineering :→

It is also called as linear sequetial life cycle model. In waterfall model software engineering have many steps In waterfall model each step/phase can be completed after the next step can begin. ∴ In waterfall model in no overlapping of step. waterfall model apporch 1st widly used in SDLC.

In the waterfall apporch the whole process of softwere development is divided in seperate phase.

- Following the diagramatic represention of diffirent phase in waterfall model.



1) Requirment Analysis :→

In waterfall model the 1st phase is requirment analysis. In requirement analysis all possible ~~requ~~ requirmens of the system to the developed are capture in this phase & documented in requirment in this phase.

2) system design :→

The requirement specification from 1st phase are studied in this phase & system design is prepared system design helps in specifing hardware & system requirements & also helps in defining overall system structure.

3] Implimentation :→

In this phase with inputs from system design it develop in small programs called units. which are integrated next phase. which is referred to as unit testing.

4] Integrations testing :→

All the units developed in the implementation phase are integrated into system after testing of each unit.

5] Deployment of system :→

once the functional & non functional testing is done the produce is deployed in the custmor enviroment into the market.

7/20

class Test I
(Fundamental & software engineering)

Somnath B. Mali
R.NO - 8171
computer science.
BSC II Year.

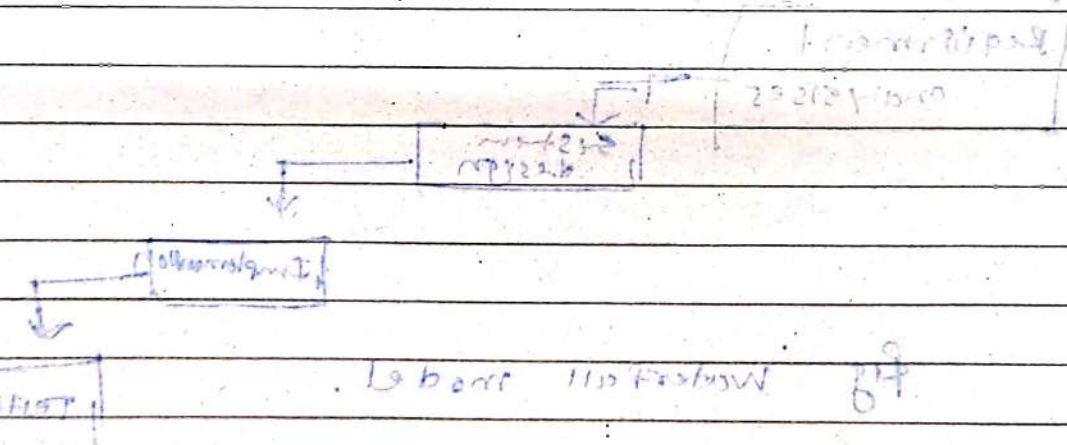
Q.1 Define software engineering & discuss software qualities in detail

Q2 write in brief the characteristic of the system

Q3 Explain waterfall model in software engineering

Q4 Describe Roles & Responsibilities of the system Analyst in detail

Q5 Explain SDLC in brief.



Q3 waterfall model :-

waterfall model is called as linear sequential life cycle model

In waterfall model each phase is must be complented into the next phase being their is overlaping in the phases.

Waterfall aparoach in the SDLC model to be used widely in software eg engineering. to ensure success of project. In waterfall model approach the whole process of software development devided into seprate phases. In waterfall model typically the outcomed of one phase acts as input for next phase sequentially.

the following are dgramatic representation of waterfall model phases :-

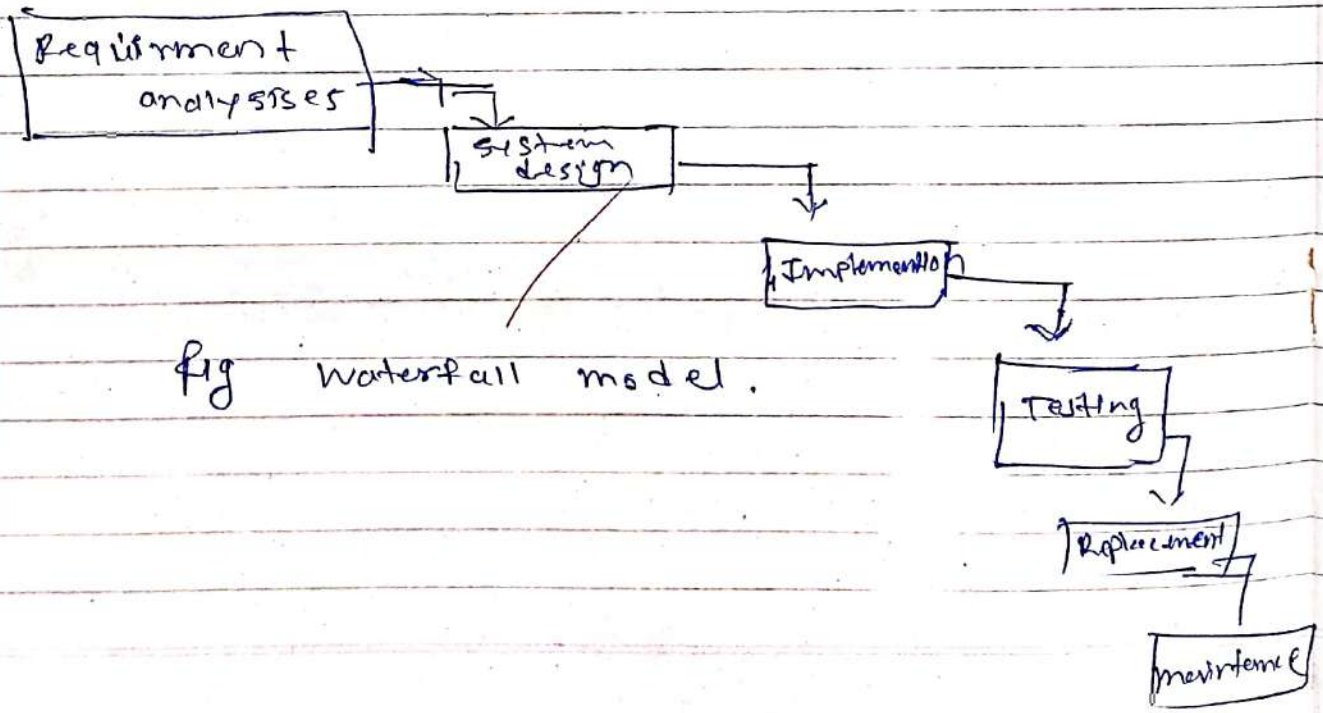


fig waterfall model.

① characterstics of systeum :-

① * systeam is a whole.
② components of a system intract.
③ systeam are goal seeking
④ system have input and output
⑤ system exhibit entropy
⑥ System must be control
⑦ If system forms a hirachy
⑧ systeam exhibit differentration
⑨ system exhibit equifinality
⑩ system have input into yeilds in output.

② Roles of Responsibilties of the system Analyst in detail.

Name :- Shubham Nigare
Roll :- 8175

B.Sc. II

Class test - I

12/20

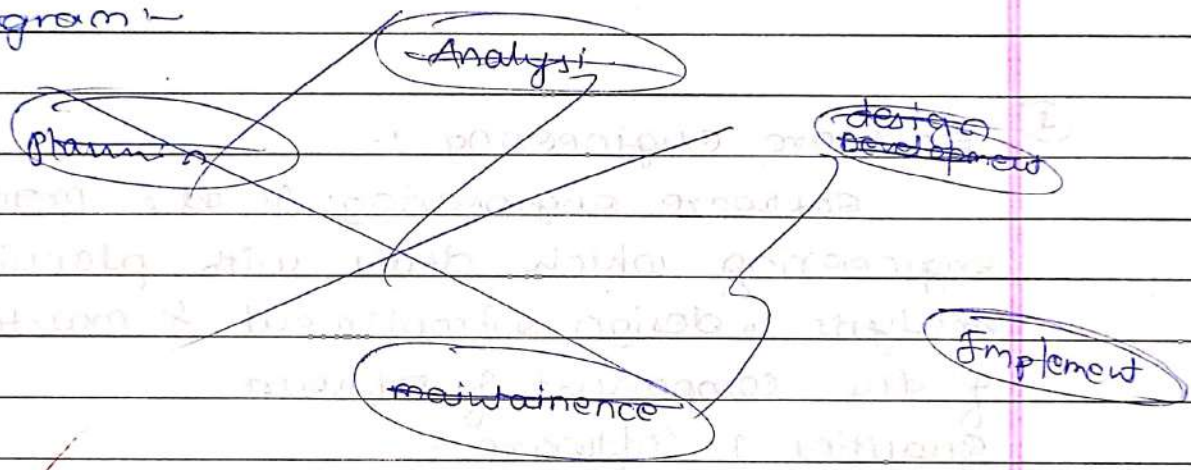
Fundamentals & Software engin.

(a) Define soft. Eng. and discuss Software Qualities in detail
(b) Write in brief the characteristics of the system.
(c) Explain waterfall model in Software engineer.
(d) Describe Roles & Responsibilities of the system Analyst in detail.
(e) Explain SDLC in brief.

Answers :-

(c) Waterfall model :-

→ ~~Diagram :-~~



① Waterfall model is step wise model data flows in which previous process depends upon the upcoming process.
② The output of first step is the input of the next step.
③

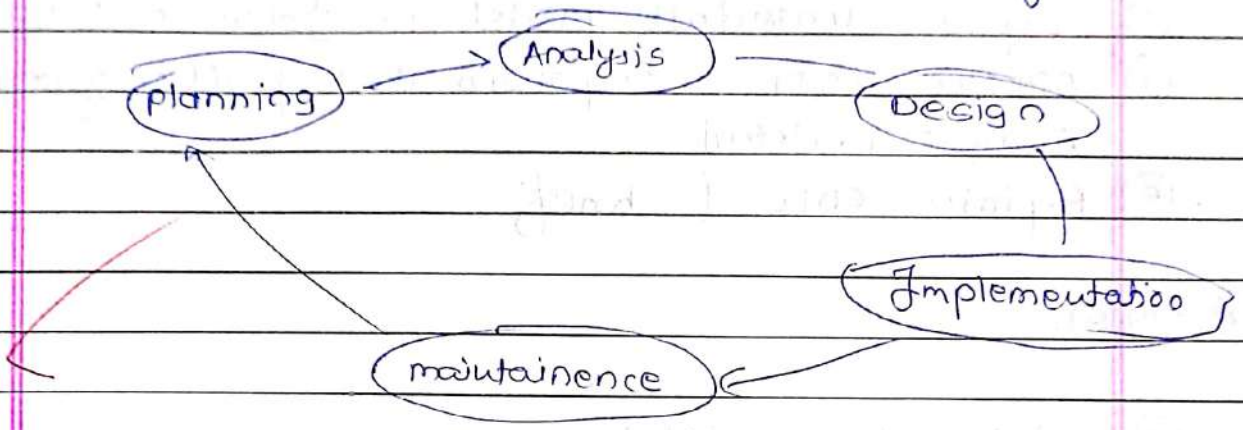
Padmabhushan - 8201905262
Padmashri 20192495.
Padmabhushan - 20192316.

DATE / /

(c) SDLC :-

① SDLC stands for Software development Life cycle.

② Diagramatically representation of SDLC



(a) Software engineering :-

Software engineering is the branch of engineering which deals with planning, Analysis, design, Implement & maintainence of the component of software.

Qualities of software :-

① correctness

1. b] Characteristics of system :

① System is whole.

② System consist of input / output components

③ System is in hierarchy format.

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S.Y. B.Sc (comp Sci.)

Integrity Constraints.

Q2) Create emp table and dept table with appropriate field and apply following integrity constraint on appropriate fields.

i) Primary key ii) Foreign key iii) not null
iv) default v) check.

emp(empno, empnm, salary, deptno); dept(deptno, deptname

Q3) DDL, DML & DQL Commands.

DDL (Data Defn Language) - Create, Alter & Drop.
DML (Data Manipulation language) - Insert, Update, Delete
DQL (Data Query language) - select, show & help.

Create student table with appropriate field & do following things. a) show or select the student table.
b) Insert 10 appropriate records.
c) Update record.
d) Delete records.
e) Alter table
f) Drop table.

Q4) Aggregate function. (Avg, min, max, count)

Create table item(itno, itname, qty, price);

1) Show item table. (select * from item);
2) Add manufacturing date & expiry date of item into item table (alter table item add(mfd date, exp date); (desc item);
3) Update all records (Add mfd & exp date)
4) Select * from item;
5) Select items from item table where price>=45 & price<=50; (select * from item where price>=45 & price<=50);
6) Select item whose price is betn 35 & 50.
(select * from item where price between 35 & 50)
7) Select item from item table whose itemno belong to (2,4,6)
Select * from item where itno in (2,4,6);

8) select item desc whose name start from 's'.
(select * from item where itname like 's%');
9) select item whose name ended with 'r';
(select * from item where itname like '%r');
10) select item whose qty = 3;
(select * from item where qty = 3);
11) ~~select~~ count item group by itno.
(select count(*) from item group by itno);
12) select sum of price according to item no;
(select sum(price) from item group by itno);
13) select max price of item display.
(select max(price) from item);
14) select min(prices) from item;
15) select avg(price) from item.
16) delete from item where itno=6 (delete from item where itno = 6);
Q5) create table cust (custid, custname, ~~itno, price~~, address, itemno);
1) Insert 10 records into cust table.
2) display cust table (select * from cust);

Q5) ~~String functions~~ Nesting & sub queries.

emp (emp_no, first_name, last_name, contact, email, sal, dept
dept (deptno, dname, location)
Inner / Equi Join.
1) select emp_no, first_name, last_name, deptno, dname from emp & dept.
2) left outer join
select emp_no, first_name, dname from emp & dept.
3) Right outer join
select deptno, dname, first_name, last_name from emp & dept order by dept_no.

Join - Equi Join, Outer Join, self join, Cross Join.

Create Views, index, sequence.

PL-SQL - Accept Cursor ~~& Triggers~~ display empname, job & sal.

Triggers.

PL-SQL - Accept 5 no & reverse it.

PL-SQL - To find factorial of no.

Create amount & discount using PL/SQL.

My-SQL - Inserting, grouping, ordering, manupulating.

String - functions, date & time fuctions.

full outer join.

select emp_no, dname from emp & dept order by emp_no.

Cross join.

Select * from emp & dept

create table product (prodid, pname, price, decrease)

1) create view on product table.
2) Update view
3) Drop view
4) Create index on product table on price column
5) Also drop that index.

sequence

Persons (PID, pname, address, city).

1) Create sequence seq_1
minvalue 1
start with 1
increamented by 1
maxvalue 10
2) insert into persons values (seq_1.nextval, '', '', '');
3) select or display persons table

Question Bank

Q.1. State the features of .NET.
Q.2. What is mean by metadata? Explain with example
A.3. Explain CLR in .NET
A.4. Differentiate between Managed and Unmanaged code.
Q.5. Write a short note on (a) CLS (b) CTS.
Q.6. Discuss .NET class library in brief.
Q.7 What is Just-in-time compiler in C#
Q.8. Explain toolbox in Visual Studio .NET.
Q.9. Explain in brief the entry point method.
Q.10. What is command line argument in C#. Explain with example
Q.11 How to return a value from main method in C#. Explain in brief.
Q.12 Write a short note on C# command line Utility.
Q.13 Explain the global stack and Heap memory in C#.
Q.14 Differentiate between stack and Heap.
Q.15 What is value type and reference type in C# explain with example
Q.16 What is boxing and Unboxing in C#. Explain in brief.
Q.17 State and explain Casting implicit and explicit with example.
Q.18 What is C# out parameter. Explain the use of out keyword.
Q.19 What is mean by partial class in C#.
Q.20. Differentiate between DLL and exe.
Q.21. Explain the role of a web server and web browser.
Q.22. Explain the HTTP request and response structure.

———— o ————

name	January(3)	August(5)	September(16)	October(0)	November(15)	December(8)	
ARDALKAR PORNIMA VIJAY	3	4	13	0	13	1	
ASANEKAR AJIT ANIL	3	3	2	0	1	5	
AUNDHAKAR SONAL VIJAY	2	4	15	0	14	3	
BANAGE ROHAN PRAMOD	3	3	16	0	11	6	
DALAVI AJAY NAMDEV	2	2	14	0	12	2	
DESAI NIKITA JANABA	2	4	16	0	12	6	
HANCHANALE BHAGYASHRI SHRISHAIL	2	5	16	0	14	6	
HANCHANALE SHIVANI SURESH	0	2	1	0	0	1	
INGULE PRATIKSHA SURESH	1	3	15	0	12	2	
JANGAM SANKET JAYANAND	3	5	3	0	1	7	
KALAGE PRATIK SHARAD	2	1	15	0	11	3	
KHOTLANDE AISHWARYA SACHIN	1	3	16	0	15	2	
KULKARNI SWANAND CHINTAMANI	1	5	15	0	15	6	
KUMBHAR OMKAR MAHADEV	3	3	16	0	12	7	
MAKHIJA DIVYA ANILKUMAR	1	5	16	0	14	4	
MALAGE NISHA AMIT	1	5	4	0	3	4	
NAVALE TRUPTI ANIL	0	2	2	0	2	1	
PARATE AADITI ABHAY	0	5	16	0	15	3	
PARIT SHIVANI SUBHASH	3	5	16	0	14	5	
PATIL AMRITA CHANDRAKANT	3	4	16	0	12	4	
PATIL KOMAL SHASHIKANT	2	2	1	0	0	2	
PATIL MAYURI MOHANRAO	3	4	3	0	1	4	
PATIL RAVINDRA SURESH	0	0	0	0	0	0	
PATIL SAYALI PRAKASH	1	3	15	0	15	4	
PATIL SHUBHAM GAJANAN	2	4	14	0	11	3	
PRABHU VENKATESH SHRINIVAS	3	2	14	0	11	5	
SANT MANALI MAHESH	0	4	13	0	13	1	
SANT MANASI MAHESH	0	3	13	0	12	1	
SHINTRE SHIVANI RAJENDRA	0	0	14	0	13	2	
SIDDHANURLE PRATIKSHA TANAJI	3	2	15	0	12	3	
MALI PRATIKSHA RAJESH	0	0	0	0	0	0	
PATIL RAVINDRA SURESH	1	4	15	0	14	6	
CHOPADE ASHISH RAGHUNATH	1	2	15	0	13	3	
PATIL YOGESH HINDURAO	0	1	13	0	11	0	
CHAVAN AMIT DINKAR	2	0	1	0	0	3	
MALI PRATIKSHA RAJESH	0	0	0	0	1	3	

Name : Ashwani Mahabaleshwar Navale

Roll No. 8871

Q.1 to Q.2 to 9.3

IKON | Page No. | Date 05/03/19

Paper Work

1) step 1 : start → Programs → Administrative tools → Active directory user and computer

step 2 : User → Right click → new → user

step 3 : fill the details first name last name and login name as exam(8871) → next

step 4 : set the password and policy Password that password never expires → next → finish

step 5 : Desktop → Right click → Create folder Ty.B.Sc

step 6 : Right click → sharing → Find object name → add five users → permissions → gives read permission only

step 7 : User → Right click → view → filteration → customize → First name → start with "A" → Apply → ok

2) step 1 : start → Programs → Administrative tool → Active director user and computer

step 2 : User → Right click → New → user

step 3 : fill the details first name, last name and login name as exam(8871) → next

step 4 : set the password and policy password that password never expires → next → finish

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Date / /

Step 6 : Right click on exam (ss 71) → properties → Account → logon hrs → click on logon denied

Step 7 : click on logon permitted → Drag to login time as 9 am to 1.00 pm (Monday to Friday)

Step 8 : click on again logon permitted → Drag to login time 2.00 to 4.00 pm (for saturday)

Step 9 : Apply restrict user to sunday.

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Date / /

③

```
Using System;
Using System.Collection.generic;
Using System.Ling;
using namespace
{
    class program
    {
        static void main(string[] arg)
        {
            int i, j, n;
            Console.Writeline("Enter n");
            n = Integer.parseInt(Console.
                                 Readline())
            for (i=1; i<=n; i++)
            {
                For (j=0; j<=i; j++)
                {
                    if ((i+j) %2 == 0)
                    Console.Writeline("0");
                    else
                    Console.Writeline("1");
                }
                console.Writeline();
            }
            console.Writeline();
        }
        Console Readline();
    }
}
```

17/07/2019

1) Shubham . P. Chougale
2] Rutvik S. Sosne.
3) Yash B. Kamble
4) Vinod V. Patil
5] Shivam . R. Patil
6] Gautam Y. patil
7] Rajendra R. Valvi
8] Archiet C. Kadam
9) Ajit S. Jangale
10) Shubham . S . Patil
11) Pratik. C. Shinde
12) Shivam . B Patil
13) Aishwarya Sachin Nille.
14) Rutuja Deepak Yadav.
15) Spurthi. M. Karoshi
16) Aditi S. Shete.
17) Rachana R. Vrane.
18] Akshata Nitin Pattar
19] Muskan. M. Shaikh
20) Snehal N. Yamgarnikar
21) Amruta Amar Patil
22) Shaevazi Sanjay Todkar.
23) Snehal Vilas Patil
24 Niranjanee N. chougale
25 Vaishnavi D. patil
26) Mansi . A. Nimbalkar
27) Rutuja R. Hande
28) Nisha N. Kharade
29) Shubhangi . P. Kamble.
30) Misba M. Anjum Momin M. A. Momin

GoodLuck | Page No. | Date

Assignment No-1

What is the step 1 of any algorithm.
a) start

All the steps in algorithm should be in which manner.
a) sequential

What symbol is used in python to assign values to a variable.
a) equals =

It runs code line by line & checks for errors.
a) Interpreter

The command used to start Python from the command prompt is
b) Python

To find remainder of division which operator is used
b) modulus operator

18/2024

GoodLuck | Page No.
Date 21, 08, 18

Test #1

Q1. Define SE and discuss Software Qualities in brief

Q2. Write in brief the characteristics of a system

Q3. Explain waterfall model in SE

Q4. Describe Roles & Responsibilities of a System Analyst

Q5. Explain SDLC in brief

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Date

Answers

Q1. Software Engineering is an application of engineering to design, development, implementation, testing and maintenance of a software in a systematic method.

* Software Qualities

Software Qualities are:

1) correctness
2) reliability
3) reusability : it is the ease with which a software can be used to create other softwares.
4) user friendly : ~~software~~ means that software is easy to use.
5) Robustness : it is defined as the ability of a software to cope with unusual situation such as DOS attacks or lost of ressources.
6) Efficiency
7) Maintainability
8) portability
9) productivity
10) Visibility

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Date

Q2. The characteristics of a system are as follows:

- System is a whole
- components of a system interact
- Systems are goal seeking
- systems have input and output
- Systems transform input to yeild output
- Systems exhibit entropy
- Systems must be controled
- Systems form a hierarchy
- Systems exhibit differentiation
- systems exhibit equifinality

05

Q3. Waterfall model is also called as linear sequential lifecycle model. In waterfall model, each phase must be completed before another phase begins and there is no overlaping in phases.

Waterfall model is divided in following steps:

1) Requirement analysis
2) System Design
3) Implementation
4) Integration and testing

04

20

Test No - 1 17/20 ✓

Page No.
Date 21/8/18

1) Define software engineering & discuss software qualities in brief.
2) Write in brief the characteristics of system
3) Explain waterfall model in software engg.
4) Describe roles & responsibilities of system analyst.
5) Explain SDLC in brief.

(1) • Software engineering - Engineering

Software engineering is a branch of engineering to design, develop, implementation & maintianance of a system.

• Qualities of software engg -

1) Correctness -

To find the measure requirements of the users & documented in a requirement specification document. 04

2) Relibbility -

It is a frequency criticality of software failure, where failure is unacceptable effect occuring under permissible condition.

frequency of the software is determined by average time beth the failure.

Criticality of software failure

is determined by average time required for repair.

3) Reusability -

Reusability is a ease with which the software can reuse with another software.

By reusing the another software developers can reuse the software & create more complex system.

4) User friendliness -

User friendly is easy for user interface ie. use to easy.

User friendly is a easy way for the software. It is also easy of the illetrate people.

5) Robustness -

Robustness is defined as the ability of software product to cope with unusual expectation like DOS attack, lost of resources.

6) Efficiency -

Efficiency is a way for the sace of the software product.

ASSIGNMENT NO. 1

Q.1) What is programming language ? Explain in detail

A programming language is vocabulary and set of grammatical rules for instructing a computer or computing device to perform specific tasks. The term programming language usually refers to high-level languages, such as BASIC, C, C++, COBOL, Java, FORTRAN, Ada and Pascal.

Each programming language has a unique set of keywords (words that if understands) and a special syntax for organizing program instructions.

FORTRAN C PASCAL

High - level language

Assembly language

Machine : Language

Hardware

A programming language is a vocabulary and set of grammatical rules for instructing a computer or computing device to perform specific tasks.

20/7/2018

Test No. 1. 13/20 Diff 21/7/18

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Q.1. Describe features of linux.

1) linux operating system is multiprogramming.
The linux operating system is the executing program simultaneously. Hence this is called multiprogramming.

2) Time shearing -
The multiprograming system is process works on the linux operating system. The programs are & cpu consumed time is called time sharing

3) multitasking -
The linux operating system are follows diffrent task is called the multitasking. The program of linux broken multiple task.

4) samba - The samba stands for the server managing block.

5) EPOM - The Time sheduling program called EPOM

6) licencing - The licencing the licence is under the Public licence. when person is require the software copplet. & then we the licence.

Assignment No 1.

Q.1 Write a note on concept and features of PHP.

PHP is a server side scripting language design primary for web develop & also used as general purpose programming language.

1. PHP widely used open source, generally purpose oop language.
2. PHP file can contain HTML, CSS, JAVA script in php code.
3. PHP file has an extension .PHP.
4. It supports wild renge of database including Mysql, oracle, Ms, SQL server.
5. In php file contain php code normally & php code lines end with semicolen (;) which is by default delimeter.
6. php script start with <? php & end with ?>
7. Php code recognizes by server & it executes & further result is past to the browser source code is not visible generally at client side.
8. Php script used for design web application, design console application & desktop application.
9. simplicity, efficiency, security, flexibility & fabularity are the same characteristics of PHP.
10. PHP is a free & open source syntax of PHP code is similar to C programming language.

Assignment No.-1

GoodLuck | Page No.
Date

Que-1) Write note on PHP?

→ ① PHP is a server side scripting language designed primarily for web development and also usde as general programming language.
② PHP is widely used open source general purpose objective oriented scripting language.
③ PHP is an acronym called 'Hypertext Preprocessor'
④ PHP files can contain html, css, javascript in PHP code.
⑤ PHP files have an extension 'PHP'.
⑥ It runs on various platform and compatible with almost all servers.
⑦ It supports wide range of database
⑧ PHP is free and open source.
⑨ A PHP script starts with <?PHP and end with ?>

- Basic syntax : <? php
  // PHP code goes here
  ?>

⑩ A PHP file normally contains an html tag and some PHP scripting code.
⑪ PHP code lines ends with semicolon (;) which is a bydefault delimeter.
⑫ Server reorgnizes php script and executes and result is passed to the browser [at client side], source code is not visible.
⑬ Following are some characteristics of PHP:

- Simplicity
- Efficiently
- security
- Flexibility
- Familarity