Imp Question for SE

1) List the Characteristics of SRS.
=) 1) Consise
   2) Complete
   3) Verifible
   4) black-box view

2) what are The context of SRS
=) 1) functional one autement
   2) non-functional requ...
   3) Constraints.

3) differntiate functional & non-function requirements.
=) pg:

4) define - Comon coupling   pg. 63
             data Co

3) define - Procedural cohen $ pg. 62
            sequential

5) Define - functional cohesion and $ Coulcel - couplin

7) Justify high Cohesion and low coupling is better of any Software development

8) A module having high - Cohesion and low Coupling is get to be

Functionally indiependent of other modules so That a Cohesion module performs a Single task.

> a functionally independent module has minimal interaction has other modules

mp) => for good software design neat compact Is highly needed and The primary Characteristics of neet dep de-composition is high Cohesion & Low Coupling.

<u>needs</u> :- - error isolation
- Scope of enouged
- understandability

4 Q) what are the formulas for and fp for a given project.

=) UFP = no. of Inputs * 4 + no. of output
* 5 * number inquries * 4
* no. of files * + 10 + no. of
interfaces * 10

∴ FP = UFP * TCFS

9) give examples of organic and embeded type projects development system.

=) organic . online attendeu system, as payroll

embeded - operating system.

10) List The types of Cocomo modles ?

=) 1) basic Cocomo
2) Intermediate Cocomo
3) Complete Cocomo

11) List The types of Project size estimation techniques ?

=) LOC and FP
   l   Function point.
Line of code.

12) _____ and _____ are two famous of known famous extimation technic

13) differentiate - validation & verification

Pg : 9 B

14) what are The alternative names of white - box testing method

=> • glass box testing
• Transparent box testing

15) Define Cohesion and coupling

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Cohesion => .Cohesion map interdependency between internal elements of a single module

Coupling => Coupling refers interdependency between elements of different modules.

16) what is The full-form of SRS. why it is known as black - box view

=) SRS -

:> becase it focuses what part not on HOW part.

17) functional. Cohesion is The best cohesion and data coupling is The best coupling

18) What is measurement gathering?

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19) What are the full forms of Cocomo and ~~Pert~~. PERT

COCOMO=> Constructive Cost Estimation madle

PERT => Programming evaluation & Review Technic

20) What are the full-forms CPM & PMC

.) CPM - Critical path method.

) PMC - Project monitening and Controling.

21) Define unit testing & Code review?

=> Pg : 93, Pg :

22) Define Test-Case & ~~Case~~ Test - Suite

.) Pg :- 92 - P-2
             - P-1

23) ~~B~~ What are The full-form EVA &
TCF

.) EVA - earned Value. analysis
TCF Technical Comparing factor

24) List The Code review technic

=> 1) Code WAlk Through
2) Code ~~insp~~ inspection

25) List The types of software documentation

=> 1) Internal docu
2) external document