

BNMIT

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|--------------|---------------------------------------|
| USN | 1BG21IS044 |
| EXAM EVENT | CIA-I |
| SUBJECT NAME | Software Project Management & Finance |
| EYAMDATE | 28/12/2023 (11·00 ANT 12·30 DNT) |

28/12/2023 (11:00 AM - 12:30 PM)

COURSE TITLE ISE

COURSE CODE 21ISE151

YEAR/SEM V

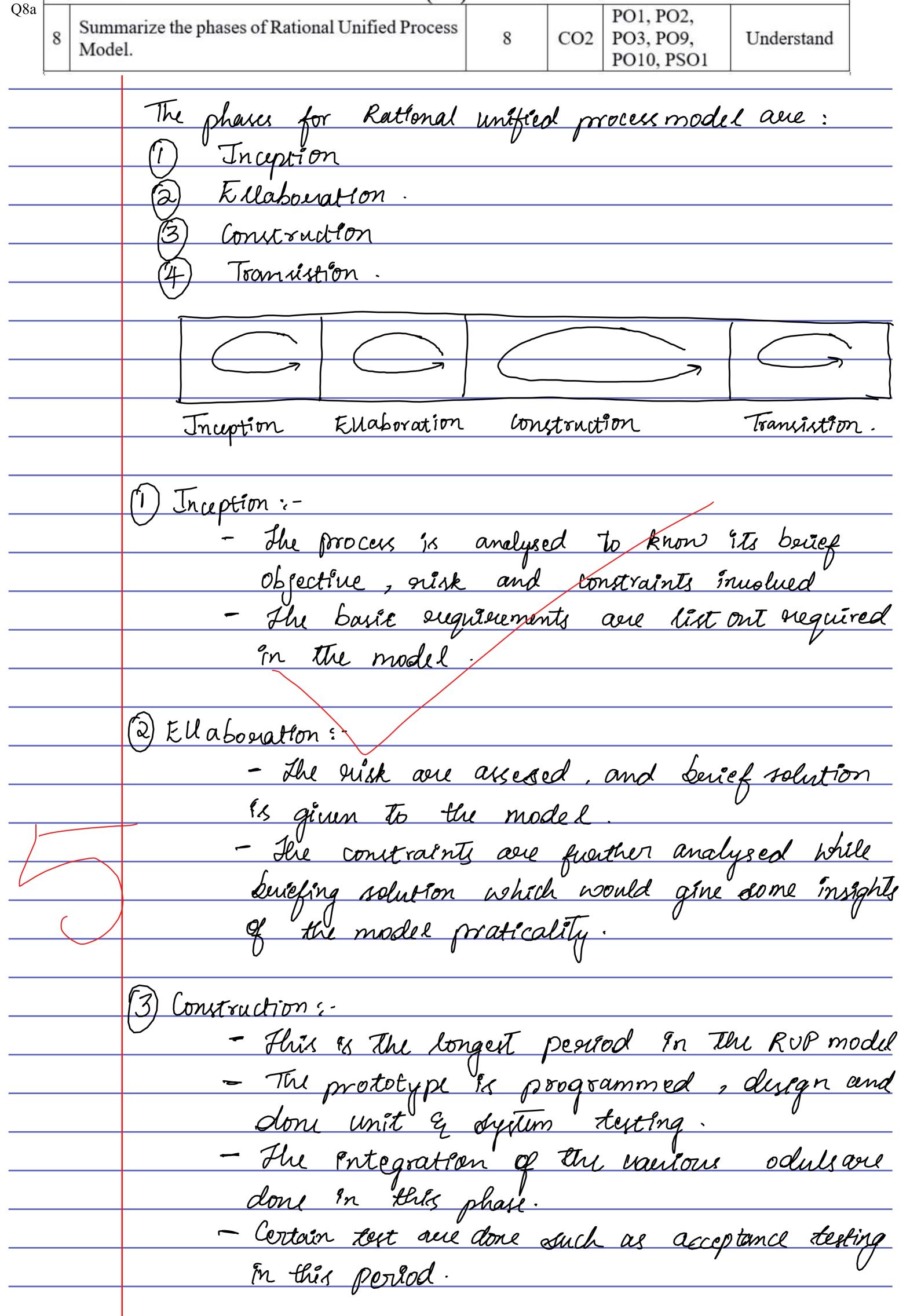
| efine Software Engineering? Explain Software 7 CO1 PO1, PO2, PO3, PO9, PO10, PS01 Understand |
|--|
| gineering code of Ethics / COI PO3, PO9, Understand |
| |

| 3) Design and development: |
|--|
| - The pretetrate of the morece model should |
| - The protestage of the process model should be choosen for the designing the process. |
| - Eg: Thowaway prototyping is used when the |
| My - of interface such is there in the process |
| - Eg:- Trowaway prototyping is used when the moccess, waterflow model it used when the man main |
| System in the and sub-system with is present. |
| agyans in how some |
| A) Prototyping: |
| - After selecting the process model. The disign of dystem process is estauted which fronther gives in prototyping. |
| of Lucton morece se started which fronther |
| give en mototopina. |
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48:BC:E1:E4:F3:E4

| 5 expl | tch the requirement engineering process and ain them in detail. What are the fundamental vare process activities? PO1, PO2, PO3, PO9, Apply PO10, PSO1 |
|--------|---|
| | Requisement engineering process (1) Requisement descovery |
| | (b) Requisiement Categorisation & segregation |
| | (2) Requieument Categorisation & segregation (3) Requieument priotization and negotiation (4) Requieument specification. |
| | Lundamental software process activities (a) software specification. |
| | 5 software design and development |
| | E) software validation |
| | (d) software endution. |
| | Réquisiement ongénéesang process. |
| | Requirement discoury: |
| | - When the objective and constraints are analysed |
| | Certain requirement for that particular process or model are listed out to make sure to |
| | have it during prototyping. |
| | - All the requirement are only listed out including |
| | Ceutain basies specification. |
| (S) | Réquisement catégorization & segrégations- |
| | - All the listed out requirements are elegorgated |
| | based upon their touriality can be segregated |
| | in terms of specific units in the system. |
| | - This would help in knowing the requirements in better may and also look out for any missed |
| | out & suguisuments. |
| (3) | Requieument prosocitization and negotiation: |
| | - vohen the requisionents dere segrégated |
| | the priority of the list should be analysed |
| | the privally of the list should be analysed - Lince all the listed out needed a not to be |

| | be first prévuity and focuses on the basic reeds. Requirement specification: - After prévulting the needs, it is listed in to main requirement specification to make the |
|-----|---|
| (A) | Reguerent specification :- |
| | - After prévulting the needs, it is listed in to |
| | main requirement specification to make the |
| | mototyping. |
| | |
| | Fundament softwalle process. |
| | Fundament sopraue process. software specification: |
| | - The basic manufacturents of the system process |
| | - The basic requirements of the system process required is listed out. |
| | |
| (2) | Jost naue dugn & development: - - The disigning of the prototype is done to the software. Programming, interface designing is also involved |
| | - The descaring of the mototupe is done to |
| | the software Programming interpase designing is |
| | also involved |
| | |
| (3) | softnaue natidation: |
| | - Since many units are integrated to make the whole system, the softmane is tested and |
| | whole ausen the softmane is tested and |
| | validatea. |
| | - It is designed according to the end ween basic |
| | - It is designed according to the end user's basic need. |
| | |
| (4) | software cuolition: |
| | |
| | - In future, if the end user wants any modification our adding entra modules, then it should |
| | be designed in such a way that it can be |
| | be designed in such a ways that it can be there would be seen for further improvements. |
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| (4) Teransistion: |
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| - The prototype which is developed in the westval environent is Tested in real |
| enuiroment |
| |
| - He evous detected, malfunctioning auc recorded in this phase. |
| - Strees prest portomance checking is |
| - Strees to test, performance checking is done during this period to quote its |
| efficiency. |
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