Examination October 2020

B.Sc. T.Y (Sem-V)

2179 Computer Science Paper CS 015(Software Engineering)

Time: One Hour Max. Marks: 30

Instructions

Solve any 25 questions

1 Software makes use of non-numeri	cal algorithms to solve complex problems that	t are not amenable to computation	
(A)Artificial intelligence	(B)System	(C)Embedded	(D)Real Time
2is not susceptible to th	e environmental maladies that cause hardware	to wear out.	
(A)Manufactured	(B)System	(C)Hardware	(D)Software
3 Software engineering approach is u	used to achieve:		
(A)Better performance of hardware	(B)Error free software	(C)Reusable software	(D)Quality software product
4 Which of the follwing is not the att	cributes of Web app		
(A)Network intensive	(B)Content drive	(C)Network security	(D)Continuous evolution
5 What are the four framework activ	ities found in XP process model		
(A) Analysis, design, coding, testing	(B)Planning, analysis, design, coding	(C)Planning, analysis, coding, testing	(D)Planning, design, coding, testing
6 A software propagated m	sisinformation and confusion.		
(A)product	(B)Myths	(C)Error	(D)None
7 The bedrock that supports software	e engineering is a		
(A)Process	(B)Quality focus	(C)Methods	(D)Tools
8 The foundation for software engine	eering is the layer.	, ,	. ,
(A)Process	(B)Quality focus	(C)Methods	(D)Tools
9 Which is the first activity in Linear	Sequential Model	,	` ,
(A)Design	(B)Analysis	(C)Testing	(D)Coding
10 The designed for straig	ht-line development.	()	, ,
(A)Linear sequential model	(B)Waterfall model	(C)Prototyping model	(D)None
11 SDLC stands for	. ,	()	, ,
(A)Software design life cycle	(B)Software development life cycle	(C)System development life cycle	(D)System design life cycle
12 The spiral model was originally pro	1 ,		(, , , , , , , , , , , , , , , , , , ,
(A)Boehm	(B)Davis and Sitaram	(C)Dr. Winston W. Royce	(D)Bill Gates
,	step process that focuses on four distinct attrib	* *	()
(A)Design	(B)Testing	(C)Code generation	(D)Analysis
14 Which is not a software life cycle i	. ,	(-) g	(- /
(A)Waterfall model	(B)Spiral model	(C)Prototyping model	(D)Capability maturity model
(A)Waterfall model 15 Beta testing is carried out by	(B)Spiral model	(C)Prototyping model	(D)Capability maturity model
15 Beta testing is carried out by			
15 Beta testing is carried out by (A)Users	(B)Developers	(C)Testers	(D)Capability maturity model (D)All of the above
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the	(B)Developers best features & characteristics of conventional	(C)Testers	(D)All of the above
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process	(B)Developers best features & characteristics of conventiona (B)finite process	(C)Testers I software (C)definite process	
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com	(B)Developers best features & characteristics of conventiona (B)finite process bine a philosophy and a set of development gu	(C)Testers I software (C)definite process idelines	(D)All of the above (D)None
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile	(B)Developers best features & characteristics of conventiona (B)finite process bine a philosophy and a set of development gu (B)Unified	(C)Testers I software (C)definite process	(D)All of the above
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile 18 Agile Alliance definesprince	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility	(C)Testers I software (C)definite process idelines (C)Waterfall	(D)All of the above (D)None (D)Spiral
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile 18 Agile Alliance definesprince (A)10	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12	(C)Testers I software (C)definite process idelines	(D)All of the above (D)None
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14	(D)All of the above (D)None (D)Spiral (D)16
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile 18 Agile Alliance definesprince (A)10	(B)Developers best features & characteristics of conventiona (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design &	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and	(D)All of the above (D)None (D)Spiral
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will proceed to the software requirement will be software requirement will be software requirement.	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & cersist construction are interleaved	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14	(D)All of the above (D)None (D)Spiral (D)16
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will per 20 What are the four framework active	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable	(D)All of the above (D)None (D)Spiral (D)16 (D)All
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering comic (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will put process of the correct will put process.	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing	(D)All of the above (D)None (D)Spiral (D)16
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will perform the process of the correct of the correct will perform the correct of the	(B)Developers best features & characteristics of conventiona (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will perform the process of the software that the four framework active (A)Analysis, design, coding, testing 21 encompasses a set of rules & performance in the software in the	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile	(D)All of the above (D)None (D)Spiral (D)16 (D)All
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering comic (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will put 20 What are the four framework activ (A)Analysis, design, coding, testing 21 encompasses a set of rules & (A)Spiral 22 Which of these software engineering	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP ng activities are not a part of software processes	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing (D)None
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering comic (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will perform the process of the performance of th	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP ng activities are not a part of software processe (B)Software development	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering com (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will perform the process of the software as the four framework activ (A)Analysis, design, coding, testing 21 encompasses a set of rules & perform the software engineering (A)Spiral 22 Which of these software engineering (A)Software dependence 23 In essence of software engineering	(B)Developers best features & characteristics of conventiona (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP ng activities are not a part of software processe (B)Software development practice "understand the problem "means	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile es? (C)Software validation	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing (D)None (D)Software specification
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering comic (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will proceed which software requirement will proceed which software in the four framework activ (A)Analysis, design, coding, testing 21 encompasses a set of rules & proceed (A)Spiral 22 Which of these software engineering (A)Software dependence 23 In essence of software engineering (A)Communication and analysis	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP ng activities are not a part of software processe (B)Software development practice "understand the problem "means (B)Modeling and software design	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing (D)None
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering comic (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will pure process of the software activ (A)Analysis, design, coding, testing 21 encompasses a set of rules & process of the software engineering (A)Spiral 22 Which of these software engineering (A)Software dependence 23 In essence of software engineering (A)Communication and analysis 24 Which is the first core principle that	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP ng activities are not a part of software processe (B)Software development practice "understand the problem "means (B)Modeling and software design at focus on software Engineering practice	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile es? (C)Software validation (C)Code generation	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing (D)None (D)Software specification (D)Testing and quality assurance
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering comic (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will perform the process of the performance of th	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP ng activities are not a part of software processe (B)Software development practice "understand the problem "means (B)Modeling and software design at focus on software Engineering practice (B)Be open to the Future	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile es? (C)Software validation	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing (D)None (D)Software specification
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering comi (A)Agile 18 Agile Alliance definesprince (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will per 20 What are the four framework active (A)Analysis, design, coding, testing 21 encompasses a set of rules & per (A)Spiral 22 Which of these software engineering (A)Software dependence 23 In essence of software engineering (A)Communication and analysis 24 Which is the first core principle that (A)Maintain vision 25 Which is the fourth Principle of so	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP ng activities are not a part of software processe (B)Software development practice "understand the problem "means (B)Modeling and software design at focus on software Engineering practice (B)Be open to the Future ftware Engineering Communication Practice	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile ess? (C)Software validation (C)Code generation (C)The Reason It All Exists	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing (D)None (D)Software specification (D)Testing and quality assurance (D)KISS—Keep It Simple, Stupid
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering comic (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will pure prince princ	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP and activities are not a part of software processed (B)Software development practice "understand the problem "means (B)Modeling and software design at focus on software Engineering practice (B)Be open to the Future ftware Engineering Communication Practice (B)Face to face communication	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile es? (C)Software validation (C)Code generation	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing (D)None (D)Software specification (D)Testing and quality assurance
15 Beta testing is carried out by (A)Users 16is an attempt to draw on the (A)unified process 17 Software engineering comic (A)Agile 18 Agile Alliance definesprinc (A)10 19 Which is the correct key assumption (A)It is difficult to predict in advance which software requirement will pure prince princ	(B)Developers best features & characteristics of conventional (B)finite process bine a philosophy and a set of development gu (B)Unified iple for those who want to achieve agility (B)12 on for Agile process (B)For many types of software design & ersist construction are interleaved ities found in XP process model (B)Planning, analysis, design, coding practices that occurs within the context of fram (B)XP ng activities are not a part of software processe (B)Software development practice "understand the problem "means (B)Modeling and software design at focus on software Engineering practice (B)Be open to the Future ftware Engineering Communication Practice	(C)Testers I software (C)definite process idelines (C)Waterfall (C)14 (C)Analysis, Design, construction and testing are not as predictable (C)Planning, analysis, coding, testing nework activities (C)Angile ess? (C)Software validation (C)Code generation (C)The Reason It All Exists	(D)All of the above (D)None (D)Spiral (D)16 (D)All (D)Planning, design, coding, testing (D)None (D)Software specification (D)Testing and quality assurance (D)KISS—Keep It Simple, Stupid

Examination October 2020

27 -----is a process of executing a program with the intent of finding errors.

(A)Planning (B)Testing (C)Communication (D)Modeling

28 Which of the following is the principle of software Engineering Deployment Practices

(A)A complete delivery package should be (B)A support regime must be established (C)Both a & b (D)Buggy software should be delivered

assembled and tested. before the software is delivered. first, fixed later.

29 Software engineering aims at developing?

(A)Reliable Software (B)Cost Effective Software (C)Reliable and cost effective Software (D)None of Above

30 Software engineering ----- provide automated or semi-automated support for the process and the methods.

(A)Process (B)Quality focus (C)Methods (D)Tools