



Nallamuthu Gounder Mahalingam College

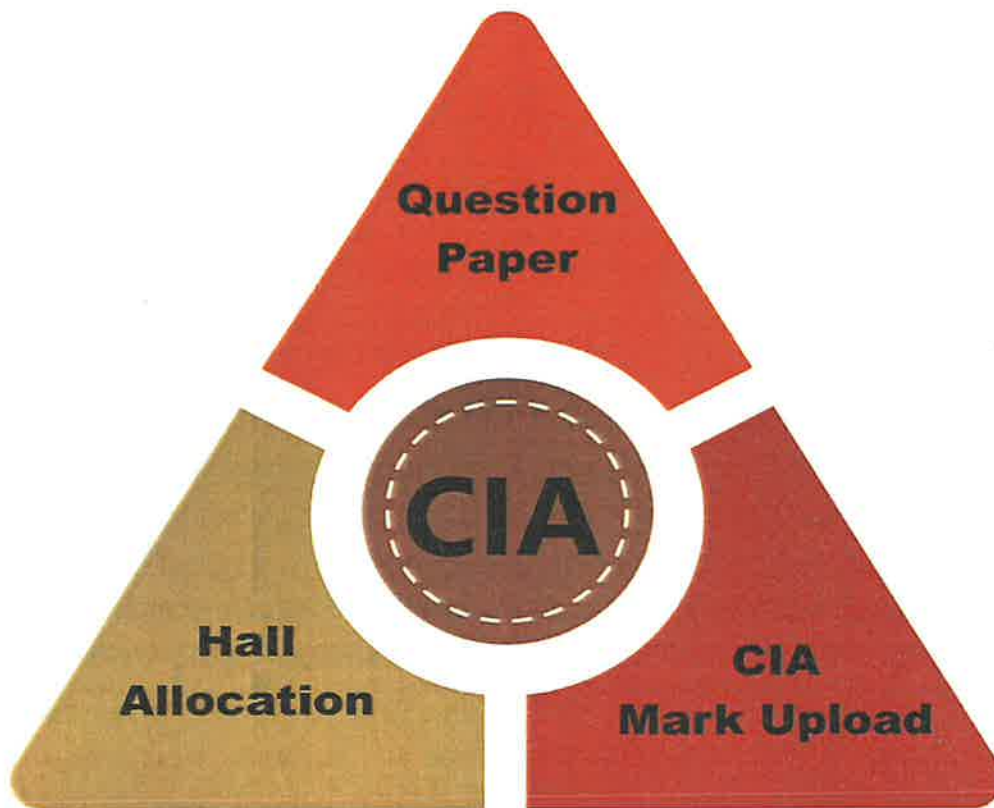
(An Autonomous Institution, Affiliated to Bharathiar University)

90, Palghat Road, Pollachi -642001, Coimbatore, Tamil Nadu, India.

95th Rank in NIRF -2023 - Among Colleges in India.



CIA- Continuous Internal Assessment System




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N.G.M.C. COLLEGE, POLLACHI



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Sample Question Paper

18PCS314 - Internet of Things - Microsoft Word

Page Layout References Mailings Review View

Times New Roman 12 A A Font Paragraph Styles

(NO. OF PAGES: 2) SECTION B (5 x 5 = 25 MARKS)

NGM COLLEGE (AUTONOMOUS) POLLACHI
CIA
P.G. DEPARTMENT OF COMPUTER SCIENCE (SF)
M.Sc. (COMPUTER SCIENCE) (SF) DATE: 18.11.2020 TIME: 10.00 a.m. to 1.00 p.m.
SEMESTER: I MAXIMUM MARKS: 70
TEST I: NOVEMBER 2020
20PCS102 - INTERNET OF THINGS
SECTION - A (10 x 10 MARKS)

ANSWER ALL THE QUESTIONS

MULTIPLE CHOICE QUESTIONS

- MQTT runs for
 - MQ Telemetry Things
 - MQ Transport Telemetry
 - MQ Transport Things
 - MQ Telemetry Transport
- Global Sensor Network is built for
 - Reducing cost and time for development
 - Reducing cost and increasing time for development
 - Increasing cost and increasing time for development
 - Increasing cost and decreasing time for development
- CoAP is specialized in
 - Internet applications
 - Device applications
 - Wireless applications
 - Wired applications
- _____
- _____

SHORT ANSWERS

- Define IoT.
- Name the protocols in Transport Layer.
- _____
- _____
- What is use of SCADA protocol in IoT.

(CONT. ...)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS

- 11 a) Briefly explain the characteristics of IoT. (5)
- 11 b) Explain the generic block diagram of IoT device with neat sketch. (5)
- 12 a) How does microscopic layer is implemented in IoT? Explain with its protocols. (5)
- 12 b) What are components of IoT logical design? Explain. (5)
- 13 a) _____ (5)
- 13 b) _____ (5)
- 14 a) _____ (5)
- 14 b) _____ (5)
- 15 a) Discuss about the protocol stack of IoT. (5)
- 15 b) What are the standard activities included in MQTT? Explain. (5)

SECTION C (4 x 10 = 40 MARKS)

ANSWER ANY FOUR OUT OF SIX QUESTIONS

(6th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS FROM Q.No. 17 to 21)

16. _____
17. Illustrate the various IoT Levels with the deployment components.
18. Explain in detail about IoT enabling technologies.
19. _____
20. Explain the domain specific applications of IoT.
21. How SCADA and RFID protocols are used in IoT? Discuss.

(18PCS314-)

18JCS5E1 - SOFTWARE TESTING - Microsoft Word

Page Layout References Mailings Review View

Times New Roman 12 A A Font Paragraph Styles

NGM COLLEGE (AUTONOMOUS) POLLACHI
CIA
PG DEPARTMENT OF COMPUTER SCIENCE
B.Sc. COMPUTER SCIENCE DATE: 26.11.2020 TIME: 10:00 am - 1:00 pm
SEMESTER: V MAXIMUM MARKS: 75
TEST-II: NOVEMBER 2020
18JCS5E1 - SOFTWARE TESTING
SECTION A

ANSWER ALL THE QUESTIONS (10x10 Marks)

MULTIPLE CHOICE QUESTIONS

- Regression testing could be rightly called to _____ and be built from the successful test cases developed and used in _____. (X1)
- Functional testing, ST, system testing, ST, system testing. (X1)
- Which of the following is accurate in matching the size of the software? (X1)
 - MLOC
 - Function Points
 - Size of module
 - Name of the programmer
- In which testing level the focus is on customer usage? (X1)
 - Alpha Testing
 - Beta Testing
 - Validation Testing
 - Both Alpha and Beta
- The testing has been stopped when _____ (X1)
 - The main has been fixed
 - All the test run
 - The time comp.was
 - The m/c are resolved
- Which one is the required testing standard? (X1)
 - QA1
 - MS-Engage Awards
 - ISO
 - Agretech

SHORT ANSWERS

- What is Regression Testing? (X2)
- Mention few tools for Instrumentation Testing (X2)
- What are the categories of test automation? (X2)
- How to select a tool for test automation? (X2)
- What are the advantages of test automation? (X2)

(CONT. ...)

SECTION B (5x5 Marks)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS

- 11 a) What is Regression Testing? Discuss with types of regression testing. (X5)
- 11 b) Describe the test phases in Internet and Mobile Testing with neat diagram. (X5)
- 12 a) Discuss about Localization Testing and how language testing done. (X5)
- 12 b) How does test automation help in frequent release of product? Explain. (X5)
- 13 a) What to automate and how to identify the scope of automation? (X5)
 - OR
 - Illustrate the criteria for selecting test tools.
- 14 a) Why queries and measurements are used in testing? Discuss. (X5)
- 14 b) Explain the use of Productivity Metrics. (X5)
- 15 a) Explain Developer Defect Metrics in brief. (X5)
- 15 b) Illustrate the process of testing an application using WinRunner. (X5)

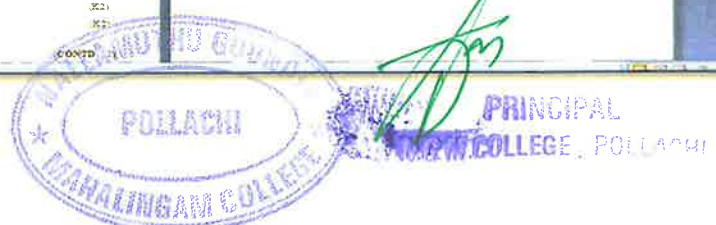
SECTION - C (4 X 10 = 40 MARKS)

ANSWER ANY FOUR OUT OF SIX QUESTIONS

(6th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS FROM Q.No. 17 to 21)

16. How to do Regression Testing? Explain. (X4)
17. Explain _____ of Code Testing. (X4)
18. Explain Project Metrics in detail. (X4)
19. Elaborate Test Defect Metrics with example. (X4)
20. Explain design and architecture of Software Test Automation. (X4)
21. Explain about Synchronization of Test Cases in WinRunner. (X4)

(18JCS5E1-)





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Seating Arrangements

Thumb	Name	Size	Date
	SF - TEST II - ARUTCHELVAR ARANGAM 18.04.2024 AN.pdf Open Download Copy Link	87.69 KB	April 18, 2024
	SF - TEST II - BHARATHIAR ARANGAM 18.04.2024 AN.pdf Open Download Copy Link	87.29 KB	April 18, 2024
	SF TEST II Seating arrangement - 18.04.2024 AN.pdf Open Download Copy Link	177.37 KB	April 18, 2024

oe.ngmcollege.in/wp-content/uploads/simple-file-list/Seating-Arrangements/SF-TEST-II-ARUTCHELVAR-ARANGAM-18-04-2024-AN.pdf

TEST - II - APRIL 2024 - AA,BA.xlsx 1 / 1 50%

N.G.M. COLLEGE (AUTONOMOUS), POLLACHI				
TEST-II - EXAMINATIONS - APRIL - 2024				
BHARATHIAR ARANGAM				
18.04.2024 - AN				
ROLL NO.	ROLLING	COUNT	GROUP	CLASS
22-BI-01 - 22-BI-15	15	13	24	I class
23-AM-01 - 23-AM-11	11			
22-DA-33 - 22-DA-44	12		24	II class
22-BI-16 - 22-BI-29	14	12		
23-BP-01 - 23-BP-15	15	14	23	III class
23-AM-12 - 23-AM-20	9			
22-BI-30 - 22-BI-47	18	14	24	IV class
23-DA-01 - 23-DA-09	9			
23-DA-10 - 23-DA-22	13		24	V class
23-AM-21 - 23-AM-31	11			
22-CT-15 - 22-CT-35	20	20	23	VI class
23-BP-26 - 23-BP-38	13			
23-AM-32 - 23-AM-44	13		23	VII class
22-CT-50 - 22-CT-59	10			
22-CT-01 - 22-CT-14	14		24	VIII class
23-DA-23 - 23-DA-32	10			
23-BP-16 - 23-BP-25	10		23	IX class
22-CT-36 - 22-CT-49	14	13		
TOTAL				212



[Signature]

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PROGRAMME B.Sc. BRANCH COMPUTER SCIENCE SUB CODE: 20UCS413
SUB NAME DATA COMMUNICATION AND COMPUTER NETWORKS

S No	REGNO	TEST-I OUT OF 70	TEST-II OUT OF 70	ASSIGNMENT/ SEMINAR MARKS 70	TOTAL OUT OF 210	CIA OUT OF 30
1	20-CE-001					0
2	20-CE-002					0
3	20-CE-003					0
4	20-CE-004					0
5	20-CE-005					0
6	20-CE-006					0
7	20-CE-007					0
8	20-CE-008					0
9	20-CE-009					0
10	20-CE-010					0
11	20-CE-011					0
12	20-CE-012					0
13	20-CE-013					0

data_may2022_20_ucs-a_sl ug_ucs_20ucs413_1 [Compatibility Mode] - Microsoft Excel

PROGRAMME B.Sc. BRANCH COMPUTER SCIENCE SUB CODE: 20UCS413
SUB NAME DATA COMMUNICATION AND COMPUTER NETWORKS

S No	REGNO	TEST-I OUT OF 70	TEST-II OUT OF 70	ASSIGNMENT/ SEMINAR MARKS 70	TOTAL OUT OF 210	CIA OUT OF 30
1	20-CE-001	67	49	66	182	26
2	20-CE-002	35	30	60	125	18
3	20-CE-003	66	0	69	135	19
4	20-CE-004	33	18	50	101	14
5	20-CE-005	54	46	50	150	21
6	20-CE-006	26	46	66	138	20
7	20-CE-007	26	34	62	122	17
8	20-CE-008	34	14	62	110	16
9	20-CE-009	47	23	66	136	19
10	20-CE-010	66	50	70	186	27
11	20-CE-011	48	34	55	137	20
12	20-CE-012	30	15	62	107	15
13	20-CE-013	31	27	67	125	18



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