



Jeevandeep Shikshan Santha's
Art's, Commerce And Science College, Khardi
Tal. Shahapur, Dist. Thane : 421601
(Affiliated to University of Mumbai)



DEPARTMENT OF GEOGRAPHY

Basic Certificate Course of

INTRODUCTION TO GEOGRAPHICAL TOOLS AND INSTRUMENTS

STARTED FROM MONTH OF JULY : 2018

(only 30 Hours)

NOREGISTRATION FEES

Register now ...

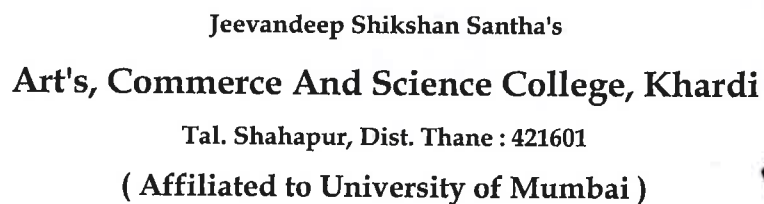
Contact :

Asst. prof. Vishal S. Bhosale { HOD } : 9920339256

Asst. Prof. Somnath A. Nawale : 9623668123

(Department of Geography)





DEPARTMENT OF GEOGRAPHY



Basic Certificate Course of
INTRODUCTION TO GEOGRAPHICAL TOOLS &
INSTRUMENTS (30 Hrs. only)



30 Hrs. Basic Certificate course :

**INTRODUCTION TO GEOGRAPHICAL TOOLS AND
INSTRUMENTS**

Syllabus :

A} Theory :

1. Introduction
2. Concept & Basic
3. Types of Various Geographical Tools & Instrument
4. Use of Geographical tools & Instruments
5. Need of Geographical tools & Instruments

B} Hand on Practical :

Practically use of Geographical tools and instruments

Exam Criteria : 50 Marks

(30 marks objective on theory + 20 marks Practical)

Passing Criteria :

Minimum 50 % Passing Mark in each Theory and Practical Paper.



❖ Course Objective :

- To Provide the Extra Curriculum Knowledge
- To provide Practical Knowledge with experience
- Other Career opportunities
- To Develop Self Confidence, Motivation
- Self-Startup

❖ Who can Do this ?

- FYBA / BSC - Geography
- SYBA / BSC - Geography
- TYBA / BSC - Geography
- M.A. / MSC - Geography

* (Note : Limited Student Batches are Available)





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30 Hrs. Basic Certificate course INTRODUCTION TO GEOGRAPHICAL TOOLS AND INSTRUMENTS TIME TABLE : 2018-2019

SR. NO.	DAY	TIME	PAPER	NAME OF THE TEACHER
1	Monday	12:00PM TO 01:00PM	THEORY	Asst. Prof. Vishal S. Bhosale
2	Tuesday			
3	Wednesday			Asst. Prof. Somnath Nawale
4	Thursday			
5	Friday			Asst. Prof. Vishal S. Bhosale
6	Saturday		PRACTICAL	

(Signature)

Asst. Prof. Vishal S. Bhosale
 (H.O.D. GEO. DEPT.)



(Signature)

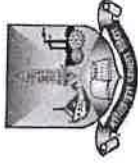
Prof. Kailas Kalkate

Principal

Jeevandeep Shikshanik Sanstha Poi's
 Art's, Commerce & Science College Khardi
 Khardi, Tal. Shahapur, Dist. Thane 421 601.



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30 Hrs. Basic Certificate course

INTRODUCTION TO GEOGRAPHICAL TOOLS AND INSTRUMENTS

ATTENDANCE REPORT : 2018-2019

SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 02 JULY 2018 TO 31 JULY 2018			SIGN (TEACHER)
		TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK	
1	AMALE NIKHIL LADAKU	29	01		
2	AWARI SACHIN RAJARAM	29	01		
3	BAMBLE SARIKA BAGWANTA	29	01		
4	BHANGARE KIRAN ARJUN	28	02		
5	BHERE KAILAS RAMU	27	03		
6	BHERE KUMUD SURESH	25	05		
7	BHOIR DINESH YASHWANT	30	00		
8	BHOIR KOMAL CHANDRAKANT	30	00		
9	BHOIR SHILPA RAGHUNATH	30	00		
10	BHOIR SONALI YASHWANT	30	00		
11	BHOIR SUJATA SANTOSH	00	30		
12	BUDHAR JAYENDRA VISHNU	30	00		
13	DHASADE PAPPU BALU	30	00		
14	GHAGAS VASUDHA BABU	30	00		
15	GHARE BALASAHEB RAMDAS	26	04		



SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 02 JULY 2018 TO 31 JULY 2018			
		TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK	SIGN (TEACHER)
16	GHODVINDE ONKAR GURUNATH	30	00		
17	GIRE GURUNATH JAITU	30	00		
18	IDE VANDANA DASHRATH	29	01		
19	KHETADE HARIDAS KISAN	30	00		
20	KULAL TANHAJI SHANKAR	30	00		
21	SHENE GANESH EKNATH	30	00		
22	SHINDE PRASHANT DEVANAND	30	00		
23	SUTAR SHAILESH SADASHIV	29	01		
24	UPASTAMBH BHAGWAN DNYANESHWAR	00	30		
25	VEKHANDE SHIVAJI ANANTA	30	00		
26	WAD DINESH TUKARAM	30	00		
27	BHOIR PRAMOD ASHOK	30	00		
28	BANGAR CHETAN JAGANNATH	30	00		
29	SHIROSE DINESH SHARAD	30	00		
30	BHOIR RUCHITA SNATOSH	28	02		



Title : 01-INTRODUCTION TO GEOGRAPHICAL TOOLS AND
INSTRUMENTS

(भौगोलिक साधने आणि यंत्रे यांचा परिचय)

Time – 02.00 hour

Mark's -50

टीप : 1. सर्व प्रश्न समान गूण दर्शवतात.

भाग : 1 - लघुतरी प्रश्न

प्रश्न : पुढील प्रश्नांची उत्तरे लिहा.

30 Marks

1. पर्जन्य मापकाची आकृती काढून नावे द्या.
2. जि. पी. एस. चे प्रकार थोडक्यात स्पष्ट करा.
3. समतल फलक सर्वेक्षणची वैशिष्ट्ये लिहा.
4. प्रिस्मटिक कंपासची आकृती काढून नावे द्या.
5. निद्राव तापमाकाची आकृती काढून नावे द्या.
6. वायुभार मापकाची वैशिष्ट्ये लिहा.
7. वायू दिशा दर्शकाची आकृती काढून नावे द्या.

भाग : 2 - प्रात्यक्षिक

प्रश्न : पुढील प्रश्न सोडावा. (कोणतेही दोन)

20 Marks

1. एबनी लेव्हल च्या साहाय्याने दिलेल्या बिंदूची उंची काढा.
2. प्रिस्मटिक कंपासच्या साहाय्याने क्षेत्रफळ काढा.
3. समतल फलकाच्या साहाय्याने क्षेत्रफळ काढा.
4. जि. पी. एस. च्या साहाय्याने क्षेत्रफळ काढा.



INTRODUCTION TO GEOGRAPHICAL TOOLS AND INSTRUMENTS

RESULT / MARK SHEET : 2018-2019

SR. NO. / ID	NAME OF THE STUDENT	MARKS		
		THEORY (30)	PRACTICAL (20)	TOTAL (50)
1	AMALE NIKHIL LADAKU	28	20	48
2	AWARI SACHIN RAJARAM	26	20	46
3	BAMBLE SARIKA BAGWANTA	22	18	40
4	BHANGARE KIRAN ARJUN	20	19	39
5	BHERE KAILAS RAMU	20	20	40
6	BHERE KUMUD SURESH	23	16	39
7	BHOIR DINESH YASHWANT	25	18	43
8	BHOIR KOMAL CHANDRAKANT	26	16	42
9	BHOIR SHILPA RAGHUNATH	23	18	41
10	BHOIR SONALI YASHWANT	28	20	48
11	BHOIR SUJATA SANTOSH	AB	AB	AB
12	BUDHAR JAYENDRA VISHNU	24	18	42
13	DHASADE PAPPU BALU	25	20	45
14	GHAGAS VASUDHA BABU	26	16	42
15	GHARE BALASAHEB RAMDAS	24	16	40
16	GHODVINDE ONKAR GURUNATH	25	15	40
17	GIRE GURUNATH JAITU	26	16	42
18	IDE VANDANA DASHRATH	24	18	42
19	KHETADE HARIDAS KISAN	26	20	46
20	KULAL TANHAJI SHANKAR	29	16	45
21	SHENE GANESH EKNATH	27	20	47
22	SHINDE PRASHANT DEVANAND	26	16	42
23	SUTAR SHAILESH SADASHIV	24	20	44
24	UPASTAMBH BHAGWAN DNYANESHWAR	AB	AB	AB
25	VEKHANDE SHIVAJI ANANTA	20	18	38
26	WAD DINESH TUKARAM	26	19	45
27	BHOIR PRAMOD ASHOK	24	18	42
28	BANGAR CHETAN JAGANNATH	23	20	43
29	SHIROSE DINESH SHARAD	25	16	41
30	BHOIR RUCHITA SNATOSH	26	18	44

Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)



Prof. Kailas Kalkate

(Principal)

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**Research Methodology and application of
techniques in Geography**

STARTED FROM MONTH OF JANUARY : 2019

(Only 30 Hours)

NOREGISTRATION FEES

Register now

Contact :

Asst. prof. Vishal s. Bhosale { HOD } : 9920339256

Asst. Prof. Rajni Pardeshi : 7057586424

(Department of Geography)





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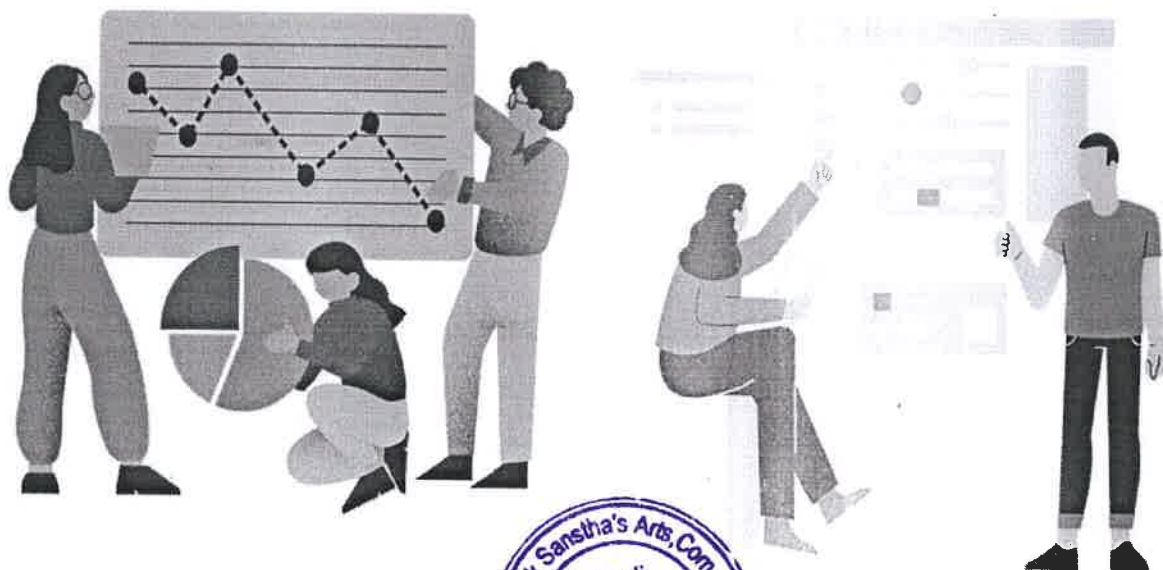
DEPARTMENT OF GEOGRAPHY



Basic Certificate Course of

**Research Methodology and application of
techniques in Geography**

(30 Hrs. only)



Research Methodology and application of techniques in Geography

30 Hrs. Basic Certificate Course :

Syllabus :

1. Defining Research - importance of geographical research - types of research
In Geography.
2. Research design - and literature review
3. Research Hypothesis, Selection of sample and Sampling techniques
4. Nature and Type of Geographical data - Sources and Methods of data
Collection.
5. Analytical techniques in Geography for data analysis - Traditional and
Contemporary.
6. Principles in Report Writing

Exam : 50 Marks

(50 marks objective on theory)



❖ Course Objective :

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- To provide Practical Knowledge with experience
- Other Career opportunities
- To Develop Self Confidence, Motivation
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❖ Who can Do this ?

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Research Methodology and application of techniques in Geography TIME TABLE : 2018-2019

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1	Monday	12:00PM TO 01:00PM	THEORY AND PRACTICAL	Asst. Prof. Vishal S. Bhosale
2	Tuesday			
3	Wednesday			
4	Thursday			
5	Friday			
6	Saturday			

(Signature)

Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)



(Signature)

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Research Methodology and application of techniques in Geography

ATTENDANCE SHEET : 2018-2019

SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 01 JANUARY 2019 TO 29 JANUARY 2019			REMARK	SIGN (TEACHER)
		TOTAL PRESENT DAYS	TOTAL ABSENT DAYS			
1	AMALE NIKHIL LADAKU	28	02			
2	AWARI SACHIN RAJARAM	30	00			
3	BAMBLE SARIKA BAGWANTA	30	00			
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16	GHARE BALASAHEB RAMDAS	26	04		
17	GHODVINDE ONKAR GURUNATH	30	00		
18	GIRE GURUNATH JAITU	30 29	01		
19	IDE VANDANA DASHRATH	30	00		
20	KHETADE HARIDAS KISAN	30	00		
21	KULAL TANHAI SHANKAR	26	04		
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24	SUTAR SHAILESH SADASHIV	30	00		
25	TAMBE GAYATRI NAMDEV	30	00		
26	UPASTAMBH BHAGWAN DNYANESHWAR	30	00		
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28	WAD DINESH TUKARAM	29	01		
29	BHOIR PRAMOD ASHOK	30	00		
30	BANGAR CHETAN JAGANNATH	29	01		
31	SHIROSE DINESH SHARAD	30	00		
32	BHOIR RUCHITA SNATOSH	29	01		



(भूगोलातील संशोधन पद्धती आणि तंत्रांचा वापर)

Time - 60 min.

Mark's -50

प्रश्न : पुढील बहुपर्यायी प्रश्नांची उत्तरे लिहा.

1. संशोधन म्हणजे?
 - (A) पुन्हा पुन्हा शोधणे
 - (B) कोणत्याही समस्येवर उपाय शोधणे
 - (C) कोणत्याही समस्येचे सत्य शोधण्यासाठी वैज्ञानिक मार्गाने कार्य करणे
 - (D) वरीलपैकी नाही
2. संशोधनातील एक सामान्य चाचणी
 - (A) विश्वासार्हता
 - (B) उपयोगिता
 - (C) वस्तुनिष्ठता
 - (D) वरील सर्व गोष्टींना प्राधान्य देते.
3. शून्य गृहितक
 - (A) जेव्हा चलांमध्ये फरक नसतो
 - (B) संशोधन गृहीतके सारखा असतो
 - (C) स्वभावातील व्यक्तिनिष्ठ
 - (D) जेव्हा चलांमध्ये फरक असतो
4. कृती-संशोधन हे आहे:
 - (A) एक उपयोजित संशोधन
 - (B) तात्काळ समस्या सोडवण्यासाठी केलेले संशोधन
 - (C) अनुदैर्घ्य संशोधन
 - (D) वरील सर्व
5. गैर-संभाव्यता नमुना कोणते म्हणतात?
 - (A) क्लस्टर नमुना
 - (B) कोटा नमुना
 - (C) पद्धतशीर नमुना
 - (D) स्तरीकृत यादृच्छिक नमुना
6. संशोधनाचे खालीलप्रमाणे वर्गीकरण केले जाऊ शकते
 - (A) मूलभूत, उपयोजित आणि कृती संशोधन
 - (B) तात्विक, ऐतिहासिक, सर्वेक्षण आणि प्रायोगिक संशोधन
 - (C) परिमाणात्मक आणि गुणात्मक संशोधन
 - (D) वरील सर्व



7. संशोधन अहवालात दिलेली ग्रंथसूची
 - (A) संशोधकाचे अफाट ज्ञान दाखवते
 - (B) पुढील संशोधनात स्वारस्य असलेल्यांना मदत करते
 - (C) संशोधनाशी काहीही संबंध नाही
 - (D) वरील सर्व
8. वैज्ञानिक संशोधनाचे मुख्य वैशिष्ट्य म्हणजे
 - (A) अनुभवजन्य
 - (B) सैद्धांतिक
 - (C) प्रायोगिक
 - (D) वरील सर्व
9. संशोधन निष्कर्षाची सत्यता आहे
 - (A) मौलिकता
 - (B) वैधता
 - (C) वस्तुनिष्ठता
 - (D) वरील सर्व
10. लोकसंख्या मर्यादित असताना सामान्यतः कोणते तंत्र अवलंबले जाते?
 - (A) एरिया सॅम्पलिंग तंत्र
 - (B) उद्देशपूर्ण नमुना तंत्र
 - (C) पद्धतशीर नमुना तंत्र
 - (D) वरीलपैकी नाही
11. संशोधन प्रक्रिया सुरू करण्यासाठी खालीलपैकी कोणती पहिली पायरी आहे?
 - (A) समस्या शोधण्यासाठी माहितीचे स्रोत शोधत आहे.
 - (B) संबंधित साहित्याचे सर्वेक्षण
 - (C) समस्येची ओळख
 - (D) समस्येवर उपाय शोधणे
12. संशोधनाची वस्तुनिष्ठता कशी वाढवता येईल?
 - (A) त्याच्या निःपक्षपातीपणाद्वारे
 - (B) त्याच्या विश्वासाहर्तेद्वारे
 - (C) त्याच्या वैधतेद्वारे
 - (D) सर्व
13. प्रायोगिक संशोधनात आवश्यक नसलेली प्रक्रिया अशी आहे
 - (A) निरीक्षण
 - (B) हाताळणी आणि प्रतिकृती
 - (C) नियंत्रण
 - (D) संदर्भ संकलन
14. एका संशोधन अहवालात दिलेली ग्रंथसूची
 - (A) संशोधकाचे अफाट ज्ञान दाखवते
 - (B) पुढील संशोधनात स्वारस्य असलेल्यांना मदत करते



- (C) संशोधनाशी संबंधित नाही
(D) सर्व

15. हि प्राथमिक माहिती संकलन पद्धत आहे

- (A) मुलाखत पद्धत
(B) प्रश्नावली पद्धत
(C) अनुसूची पद्धत
(D) सर्व

16. संशोधन करता आपल्या अध्ययन विषयाची माहिती कोणत्या स्रोतांद्वारे संकलित करतो.

- (A) निरीक्षण
(B) प्रश्नावली
(C) मुलाखत
(D) वरील सर्व

17. ----- या पद्धतीचा वापर प्रामुख्याने क्षेत्रीय निवडी करता केला जातो.

- (A) ग्रीड पद्धती
(B) तिकीट पद्धत
(C) लॉटरी पद्धत
(D) कार्ड पद्धत

18. संशोधन करत असताना कल्पनाशक्तीचा उपयोग न करता ----- पद्धतीचा अवलंब करावा लागतो.

- (A) नमुना निवड
(B) वैज्ञानिक
(C) संशोधन
(D) मुलाखत

19. खालीलपैकी कोणता सरासरीचा प्रकार नाही.

- (A) मध्यगा
(B) बहुलक
(C) प्रमाण विचलन विचलन
(D) वर्तुळ

19. संगणकातील ----- या एप्लीकेशन द्वारे संशोधन कार्यातील अनेक प्रश्न सहज



सोडवले जातात.

- (A) Power point.
- (B) M. S. Excel.
- (C) M.S. office
- (D) PPT

20. खालीलपैकी कोणता संशोधनाचा प्रकार नाही.

- (A) उपयोजित संशोधन
- (B) प्रयोगात्मक संशोधन
- (C) मौखिक संशोधन
- (D) ऐतिहासिक संशोधन

21. ----- पद्धती ही लोकप्रिय पद्धत आहे.

- (A) संकलन
- (B) निरीक्षण
- (C) मौखिक
- (D) प्रात्यक्षिक

23. माहितीचे विश्लेषण किती पद्धतीने केले जाते.

- (A) दोन
- (B) तीन
- (C) एक
- (D) चार

24. खालीलपैकी कोणती संशोधनाची शास्त्रीय पायरी नाही.

- (A) वर्गीकरण
- (B) आराखडा
- (C) अहवाल लेखन
- (D) क्रियात्मक

25. GIS चे दीर्घ रूप काय आहे?

- (A) Geographical Information System
- (B) Google Information System
- (C) Global Information System
- (D) Group Information System



Research Methodology and application of techniques in Geography

RESULT / MARK SHEET : 2018-2019

SR. NO. / ID	NAME OF THE STUDENT	MARKS (50)
1	AMALE NIKHIL LADAKU	46
2	AWARI SACHIN RAJARAM	46
3	BAMBLE SARIKA BAGWANTA	38
4	BHANGARE KIRAN ARJUN	44
5	BHERE KAILAS RAMU	38
6	BHERE KUMUD SURESH	46
7	BHOIR DINESH YASHWANT	46
8	BHOIR KOMAL CHANDRAKANT	38
9	BHOIR SHILPA RAGHUNATH	44
10	BHOIR SONALI YASHWANT	44
11	BHOIR SUJATA SANTOSH	38
12	BUDHAR JAYENDRA VISHNU	46
13	DHARADE DNYANESHWAR HARIDAS	46
14	DHASADE PAPPU BALU	34
15	GHAGAS VASUDHA BABU	44
16	GHARE BALASAHEB RAMDAS	38
17	GHODVINDE ONKAR GURUNATH	42
18	GIRE GURUNATH JAITU	46
19	IDE VANDANA DASHRATH	46
20	KHETADE HARIDAS KISAN	42
21	KULAL TANHAJI SHANKAR	46
22	SHENE GANESH EKNATH	44
23	SHINDE PRASHANT DEVANAND	42
24	SUTAR SHAILESH SADASHIV	46
25	TAMBE GAYATRI NAMDEV	40
26	UPASTAMBH BHAGWAN DNYANESHWAR	46
27	VEKHANDE SHIVAJI ANANTA	46
28	WAD DINESH TUKARAM	40
29	BHOIR PRAMOD ASHOK	46



	38
	46
	46



Prof. Kailas Kalkate

Principal

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**Jeevandeep Shaikshanik Sanstha's
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E- MAIL:- jeevandeepkhardi@gmail.com

WEBSITE - www.jeevandeepkhardi.com

DEPARTMENT OF INFORMATION TECHNOLOGY

CAREER ORIENTED SHORT TERM /CERTIFICATE

COURSE IN

SOFTWARE TESTING

Year 2018-19



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Short term course- Software Testing

Board of studies-2018-2019

Sr.No	Designation	Name of the person
1	Chairman	Shri . Ravindrda Ghodvinde
2	Principal	Prof .k kalkate(head of Marathi dept.)
3	member	ASST.PROF.Siddesh Dnyandev Rathod (head of IT Department)
4	member	Miss.Bhagyashree Balasaheb Pawar
5	member	Mrs. Pushpa Sabale
6	member	Miss Sneha A. Madke

Minutes of meeting

Board of Studies meeting of the Short Term Course / Certificate in Software Testing was conducted on 01.01.2019 to 15.01.2019 at 12.00 pm in the offline meeting in meeting room .Above members were present in the meeting .

Following Points are discussed in this meeting .

Syllabus formation of Software Testing short term course.

Dissemination of work.

Fee structure

Encouragement of Student

Place : JSSP College Khardi

Date:



Jeevandeep Shaikshanik Sanstha's

**ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA**

Department of Information Technology.

Short term course- Software Testing

Time Table 2018-19

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12.00to 2.00	lecture	lecture	lecture	Practical	Practical	Practical

Faculty .

ASST.PROF Mr.Siddesh Dnyandev Rathod (head of IT Department)

Miss.Bhagyashree Balasaheb Pawar

Mrs. Pushpa Sabale

Miss Sneha A. Madke



Short term /Certificate Course in Software Testing

Introduction:

This course is meant for the candidates who aspire to become a computational physicist for this students this course is a foundation course. Software testing is a check activity to validate whether the actual results matches with expected results and to ensure that the software system is bug free.

Course Objectives:

To study fundamental concepts in software testing

2. To discuss various software testing issues and solutions in software unit test, integration and system testing
3. To expose the advanced software testing topics, such as object-oriented software testing methods.

Course Outcomes:

List a range of different software testing techniques and strategies and be able to apply specific(automated) unit testing method to the projects.

Distinguish characteristics of structural testing methods

.Demonstrate the integration testing which aims to uncover interaction and compatibility problems as early as possible.

Discuss about the functional and system testing methods.

Demonstrate various issues for object oriented testing.



Details about Structure\Pattern of Syllabus:

Title of the course: Short Term Course in

Course Code

Duration of the Course:15 days

Name of the Faculty : Science (Information Technology)

Medium of instructions : English

Eligibility/for admission Candidate should pass the higher secondary board or
Equivalent with English as one of the subject.

Intake Capacity 25 Students for the course

The complete structure will be as follows.

Certificate course in Software Testing			
course	Theory & practical	credits	Total Marks
U1	Introduction to quality, software quality, fundamentals of software testing, VV model of testing	01+01	20
U2	Functional Testing: Boundary value Testing, Equivalence class testing, Decision Table based testing, Retrospection	01+01	20
U3	Structural Testing: Path Testing, Data Flow Testing, Retrospection	01+01	20
U4	Levels of Testing, Integration Testing, System Testing, Interaction Testing	01+01	20
U5	Object Oriented Testing: Issues, Class Testing, Object Oriented Integration Testing, Object Oriented System Testing Process: Planning, Metrics and Reports, Quantitative and Qualitative Analysis, Improvements	01+01	20
	TOTOL	10	100



Pattern of Examination:

Evaluation:

Examination will be held at The do the course.

Standard of passing: Minimum 40%.

Pattern of Question paper: Theory Paper SO Marks

Attempt anyone 10 Marks

Attempt anyone 10 Marks

Attempt anyone 10 Marks

Attempt anyone 10 Marks

Q. S Attempt anyone 10 Marks

Practical Examination 50 Marks

Q. Write A Short Programme

on Given Topic. 40M Oral Exam 10M

Infrastructure Available:

ICT enabled Classroom

Availability OF laboratory



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Short term course- Software Testing

Practicals Exam Sheet

marks 50

Time 1 hours

1. NAME OF THE EXPERIMENT: Write program in „C,, language to demonstrate the working of the following constructs

Objective

To understand the working of do while with different range of values and test cases

2. A program written in C- language for Matrix Multiplication fails Introspect the causes for its failure and write down the possible reasons for its failure.

3. A program written in C- language for Matrix Addition Introspect the causes for its failure and write down the possible reasons for its failure

4. Take any system (e.g. ATM system) and study its system specifications and report the various bugs



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TALUKA - SHAHAPUR,DIST-THANE,STATE-MAHARASHTRA

Board of studies-2018-19 Short term course- Software Testing

SR.NO	STUDENT NAME	STD	Theory Marks
1	BALKHANDE RAJRATNA SONAJI	183201	23
2	BHERE RESHMA EKNATH	183202	45
3	BHERE RUSHIKESH VITTHAL	183203	34
4	BHOIR MAYURI KONDU	183204	34
5	BHOIR SANKET SANTOSH	183205	32
6	CHAUDHARI AJIT GURUNATH	183206	28
7	DAMSE DHANANJAY VINAYAK	183207	36
8	GHOTE AKSHADA BHALCHANDRA	183208	29
9	GILANDE VINAYAK KALU	183209	41
10	GODE NARAYAN RAMDAS	183210	45
11	GOLE MANALI VINOD	183211	43
12	HUSSAIN JUBAIDKHAN ASHRAF	183212	32
13	KHANDAGALE APURVA BHAGAVAN	183213	28
14	KIRPAN POOJA RAMESH	183214	38
15	MHASAL SUNIL DEVIDAS	183215	32
16	NICHITE NIKHIL SUNIL	183216	35
17	NICHITE SAGAR BHAU	183217	34
18	PALEKAR VISHAL YASHWANT	183218	42
19	PASHTTE PRATIK PRAVIN	183219	43
20	RATHOD PRATIK VINOD	183220	42
21	SAGBHOR BHAGWAN SHANKAR	183221	30
22	SHINDE PRIYANKA CHINTAMAN	183222	36
23	THORAT ABHIJEET SHASHIKANT	183223	34
24	UBALE KAPIL PRAKASH	183224	29
25	UBALE NITESH MUKUND	183225	26
26	VISHE VRUSHABH CHANDRAKANT	183226	32
27	YADAV MADHURI GANESH	183227	38
28	DINGORE ANIKET ASHOK	183228	39
29	CHAUDHARI DILIP TUKARAM	183229	43
30	PATHAN ANAM ASLAM	183230	24
31	GOLHAIT TATHAGAT MILIND	183231	32
32	SHAIKH SAJID KHALID	183232	43
33	DHANDE BHUSHAN LAXMAN	183233	24
34	GAWAI ATUL KUNDLIK	183234	25
35	LAD DAMINI HARISH	183235	32
36	SONAWANE GAURAV VISHWANATH	183236	42
37	BASHINGE HEMANT PRAKASH	186201	34
38	BHAGAT AKASH CHHAGAN	186202	35
39	BHAGDE VIJAY PRABHAKAR	186203	32



40	/BHANGARE SANTOSHI VISHNU	186204	43
41	BHASKAR ANIKET YASHWANT	186205	29
42	/BONDRE VANITA VIJAY	186206	30
43	BURHADE MANGESH VIKRANT	186207	36
44	CHAVRE SANCHIT NAVNATH	186208	33
45	DANGAT TEJAS SHRIDHAR	186209	32
46	DHAMNE AKSHAY RAGHUNATH	186210	38
47	FARDE DURWESH NAMDEV	186211	27
48	GAWALI ATUL BHARAT	186212	39
49	GORALE DIPAK DASHARATH	186214	26
50	GUJAR PRATHAMESH VIKAS	186215	34
51	/JADHAV SONALI YASHWANT	186216	26
52	JAKHERE RAKESH SONALI	186217	34
53	KADAV VINOD PANDHARINATH	186218	36
54	LOBHI RAVINDRA KALURAM	186219	28
55	LOKHANDE SUNIL BHAURAO	186220	42
56	MONDHULA KALPESH NAMDEV	186221	45
57	PATIL SHUBHAM SANGRAM	186222	27
58	PATOLE VISHWAS PANDHARINATH	186223	43
59	RATHOD AMOL UDAYSINGH	186224	27
60	SABALE ANIKET NAMDEV	186225	38
61	SAWANT PRATHAMESH RAVIKANT	186226	43
62	TITKARE PRASHANT JAYWANT	186227	28
63	UBALE JAYESH ARUN	186228	38
64	SOGIR SUMIT ANIL	186229	45
65	WATEKAR AKSHAY SUNIL	186230	30
66	ADWALE JAGDISH BHAGWAN	186231	43
67	SHIROLE BHUSHAN SURESH	186232	40
68	BHOIR SAMEER BHARAT	186233	39
69	WARAVATE SAGAR PANDURANG	186234	31
70	BHANGARE KRUSHANA VILAS	186235	41
71	BHOIR VAIBHAV GANESH	186236	28
72	/THAKUR PRAJAKTA BAJIRAV	186237	43
73	/CHAVAN VINAYA JAYANT	186238	29
74	KHAIRNAR SHASHIKANT HANSRAJ	186239	32
75	THAKARE ABHISHEK BALIRAM	186240	43
76	/JADHAV VARSHA SUDAM	189222	48
77	/LENDE YASHODA NANDU	189204	45
78	/SALUNKHE SHWETA KISAN	189221	39
79	/SUTAR BHAGYSHREE ASHOK	189208	28
80	/VISHE RESHMA MADHUKAR	189209	29
81	BHARMAL SAGAR MADHUKAR	189201	32
82	DARADE SURAJ HIRAMAN	189202	39
83	FARDE MAYUR CHANDRAKANT	189211	43
84	GAWALE MAYAVATI MAGAN	189220	39
85	GHODVINDE VIKRANT MARUTI	189218	22
86	INGOLE BHIMASHISH SHREERANG	189217	29
87	JADHAV VITTHAL SAMPAT	189203	35
88	KAKAD GANESH SURYABHAN	189215	46



89	PAWAR MAYUR ARUN	189205	28
90	RAJBHAR SONU BHUVAL	189212	38
91	ROKADE VISHAL RAJESH	189206	47
92	SAHANE RAVINDRA PRABAKAR	189219	28
93	SALVE DISHANT POPAT	189216	48
94	SHINDE AKSHAY DEEPAK	189214	36
95	SONPAROTE AMIT RAJENDRA	189207	37
96	VARKUTE VIKRANT KISAN	189213	45
97	WAGH AKSHAY UTTAM	189210	30



Principal

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MAHARASHTRA

Department of Information Technology.

Short term course- Software Testing

Board of studies-2018-19

SR.NO	STUDENT NAME	STD	Practicals marks
1	BALKHANDE RAJRATNA SONAJI	183201	34
2	BHERE RESHMA EKNATH	183202	32
3	BHERE RUSHIKESH VITTHAL	183203	28
4	BHOIR MAYURI KONDU	183204	36
5	BHOIR SANKET SANTOSH	183205	29
6	CHAUDHARI AJIT GURUNATH	183206	41
7	DAMSE DHANANJAY VINAYAK	183207	45
8	GHOTE AKSHADA BHALCHANDRA	183208	43
9	GILANDE VINAYAK KALU	183209	32
10	GODE NARAYAN RAMDAS	183210	28
11	GOLE MANALI VINOD	183211	34
12	HUSSAIN JUBAIDKHAN ASHRAF	183212	32
13	KHANDAGALE APURVA BHAGAVAN	183213	28
14	KIRPAN POOJA RAMESH	183214	45
15	MHASAL SUNIL DEVIDAS	183215	39
16	NICHITE NIKHIL SUNIL	183216	28
17	NICHITE SAGAR BHAU	183217	29
18	PALEKAR VISHAL YASHWANT	183218	32
19	PASHTTE PRATIK PRAVIN	183219	39
20	RATHOD PRATIK VINOD	183220	43
21	SAGBHOR BHAGWAN SHANKAR	183221	39
22	SHINDE PRIYANKA CHINTAMAN	183222	22
23	THORAT ABHIJEET SHASHIKANT	183223	29
24	UBALE KAPIL PRAKASH	183224	35
25	UBALE NITESH MUKUND	183225	26
26	VISHI VRUSHABH CHANDRAKANT	183226	32
27	YADAV MADHURI GANESH	183227	38
28	DINGORE ANIKET ASHOK	183228	39
29	CHAUDHARI DILIP TUKARAM	183229	43
30	PATHAN ANAM ASLAM	183230	24
31	GOLHAIT TATHAGAT MILIND	183231	32



32	SHAIKH SAJID KHALID	183232	43
33	DHANDE BHUSHAN LAXMAN	183233	24
34	GAWAI ATUL KUNDLIK	183234	25
35	LAD DAMINI HARISH	183235	32
36	SONAWANE GAURAV VISHWANATH	183236	42
37	BASHINGE HEMANT PRAKASH	186201	26
38	BHAGAT AKASH CHHAGAN	186202	43
39	BHAGDE VIJAY PRABHAKAR	186203	32
40	/BHANGARE SANTOSHI VISHNU	186204	39
41	BHASKAR ANIKET YASHWANT	186205	43
42	/BONDRE VANITA VIJAY	186206	39
43	BURHADE MANGESH VIKRANT	186207	22
44	CHAVRE SANCHIT NAVNATH	186208	29
45	DANGAT TEJAS SHRIDHAR	186209	35
46	DHAMNE AKSHAY RAGHUNATH	186210	46
47	FARDE DURWESH NAMDEV	186211	28
48	GAWALI ATUL BHARAT	186212	31
49	GORALE DIPAK DASHARATH	186214	43
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52	JAKHERE RAKESH SONALI	186217	23
53	KADAV VINOD PANDHARINATH	186218	34
54	LOBHI RAVINDRA KALURAM	186219	43
55	LOKHANDE SUNIL BHAURAO	186220	45
56	MONDHULA KALPESH NAMDEV	186221	25
57	PATIL SHUBHAM SANGRAM	186222	28
58	PATOLE VISHWAS PANDHARINATH	186223	32
59	RATHOD AMOL UDAYSINGH	186224	43
60	SABALE ANIKET NAMDEV	186225	48
61	SAWANT PRATHAMESH RAVIKANT	186226	45
62	TITKARE PRASHANT JAYWANT	186227	39
63	UBALE JAYESH ARUN	186228	28
64	SOGIR SUMIT ANIL	186229	29
65	WATEKAR AKSHAY SUNIL	186230	32
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76	/JADHAV VARSHA SUDAM	189222	28
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78	/SALUNKHE SHWETA KISAN	189221	28
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81	BHARMAL SAGAR MADHUKAR	189201	27
82	DARADE SURAJ HIRAMAN	189202	43
83	FARDE MAYUR CHANDRAKANT	189211	27
84	GAWALE MAYAVATI MAGAN	189220	38
85	GHODVINDE VIKRANT MARUTI	189218	43
86	INGOLE BHIMASHISH SHREERANG	189217	43
87	JADHAV VITTHAL SAMPAT	189203	26
88	KAKAD GANESH SURYABHAN	189215	32
89	PAWAR MAYUR ARUN	189205	38
90	RAJBHAR SONU BHUVAL	189212	39
91	ROKADE VISHAL RAJESH	189206	43
92	SAHANE RAVINDRA PRABAKAR	189219	24
93	SALVE DISHANT POPAT	189216	32
94	SHINDE AKSHAY DEEPAK	189214	43
95	SONPAROTE AMIT RAJENDRA	189207	24
96	VARKUTE VIKRANT KISAN	189213	25
97	WAGH AKSHAY UTTAM	189210	32



Principal

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Jeevandeep Shaikshanik Sanstha's

**ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-
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Department of Information Technology.

Short term course- Software Testing

Board of studies-2018-19

Theory attendances sheet

SR.NO	STUDENT NAME	STD	Theory	Practicals	Totals
1	BALKHANDE RAJRATNA SONAJI	183201	23	34	57
2	BHERE RESHMA EKNATH	183202	45	32	77
3	BHERE RUSHIKESH VITTHAL	183203	34	28	62
4	BHOIR MAYURI KONDU	183204	34	36	70
5	BHOIR SANKET SANTOSH	183205	32	29	61
6	CHAUDHARI AJIT GURUNATH	183206	28	41	69
7	DAMSE DHANANJAY VINAYAK	183207	36	45	81
8	GHOTEAKSHADABHALCHANDRA	183208	29	43	72
9	GILANDE VINAYAK KALU	183209	41	32	73
10	GODE NARAYAN RAMDAS	183210	45	28	73
11	GOLE MANALI VINOD	183211	43	34	77
12	HUSSAIN JUBAIDKHAN ASHRAF	183212	32	32	64
13	KHANDAGALEAPURVABHAGAVAN	183213	28	28	56
14	KIRPAN POOJA RAMESH	183214	38	45	83
15	MHASAL SUNIL DEVIDAS	183215	32	39	71
16	NICHITE NIKHIL SUNIL	183216	35	28	63
17	NICHITE SAGAR BHAU	183217	34	29	63
18	PALEKAR VISHAL YASHWANT	183218	42	32	74
19	PASHTE PRATIK PRAVIN	183219	43	39	82
20	RATHOD PRATIK VINOD	183220	42	43	85
21	SAGBHOR BHAGWAN SHANKAR	183221	30	39	69
22	SHINDE PRIYANKA CHINTAMAN	183222	36	22	58
23	THORAT ABHIJEET SHASHIKANT	183223	34	29	63
24	UBALE KAPIL PRAKASH	183224	29	35	64
25	UBALE NITESH MUKUND	183225	26	26	52
26	VISHE VRUSHABH CHANDRAKANT	183226	32	32	64
27	YADAV MADHURI GANESH	183227	38	38	76
28	DINGORE ANIKET ASHOK	183228	39	39	78
29	CHAUDHARI DILIP TUKARAM	183229	43	43	86
30	PATHAN ANAM ASLAM	183230	24	24	48
31	GOLHAIT TATHAGAT MILIND	183231	32	32	64
32	SHAIKH SAJID KHALID	183232	43	43	86
33	DHANDE BHUSHAN LAXMAN	183233	24	24	48



34	GAWAI ATUL KUNDLIK	183234	25	25	50
35	LAD DAMINI HARISH	183235	32	32	64
36	SONAWANEGAURAVVISHWANATH	183236	42	42	84
37	BASHINGE HEMANT PRAKASH	186201	34	26	60
38	BHAGAT AKASH CHHAGAN	186202	35	43	78
39	BHAGDE VIJAY PRABHAKAR	186203	32	32	64
40	/BHANGARE SANTOSHI VISHNU	186204	43	39	82
41	BHASKAR ANIKET YASHWANT	186205	29	43	72
42	/BONDRE VANITA VIJAY	186206	30	39	69
43	BURHADE MANGESH VIKRANT	186207	36	22	58
44	CHAVRE SANCHIT NAVNATH	186208	33	29	62
45	DANGAT TEJAS SHRIDHAR	186209	32	35	67
46	DHAMNE AKSHAY RAGHUNATH	186210	38	46	84
47	FARDE DURWESH NAMDEV	186211	27	28	55
48	GAWALI ATUL BHARAT	186212	39	31	70
49	GORALE DIPAK DASHARATH	186214	26	43	69
50	GUJAR PRATHAMESH VIKAS	186215	34	24	58
51	/JADHAV SONALI YASHWANT	186216	26	34	60
52	JAKHERE RAKESH SONALI	186217	34	23	57
53	KADAV VINOD PANDHARINATH	186218	36	34	70
54	LOBHI RAVINDRA KALURAM	186219	28	43	71
55	LOKHANDE SUNIL BHAURAO	186220	42	45	87
56	MONDHULA KALPESH NAMDEV	186221	45	25	70
57	PATIL SHUBHAM SANGRAM	186222	27	28	55
58	PATOLE VISHWAS PANDHARINATH	186223	43	32	75
59	RATHOD AMOL UDAYSINGH	186224	27	43	70
60	SABALE ANIKET NAMDEV	186225	38	48	86
61	SAWANT PRATHAMESH RAVIKANT	186226	43	45	88
62	TITKARE PRASHANT JAYWANT	186227	28	39	67
63	UBALE JAYESH ARUN	186228	38	28	66
64	SOGIR SUMIT ANIL	186229	45	29	74
65	WATEKAR AKSHAY SUNIL	186230	30	32	62
66	ADWALE JAGDISH BHAGWAN	186231	43	39	82
67	SHIROLE BHUSHAN SURESH	186232	40	43	83
68	BHOIR SAMEER BHARAT	186233	39	39	78
69	WARAVATE SAGAR PANDURANG	186234	31	22	53
70	BHANGARE KRUSHANA VILAS	186235	41	29	70
71	BHOIR VAIBHAV GANESH	186236	28	32	60
72	/THAKUR PRAJAKTA BAJIRAV	186237	43	43	86
73	/CHAVAN VINAYA JAYANT	186238	29	48	77
74	KHAIRNAR SHASHIKANT HANSRAJ	186239	32	45	77
75	THAKARE ABHISHEK BALIRAM	186240	43	39	82
76	/JADHAV VARSHA SUDAM	189222	48	28	76
77	/LENDE YASHODA NANDU	189204	45	36	81
78	/SALUNKHE SHWETA KISAN	189221	39	28	67
79	/SUTAR BHAGYSHREE ASHOK	189208	28	42	70

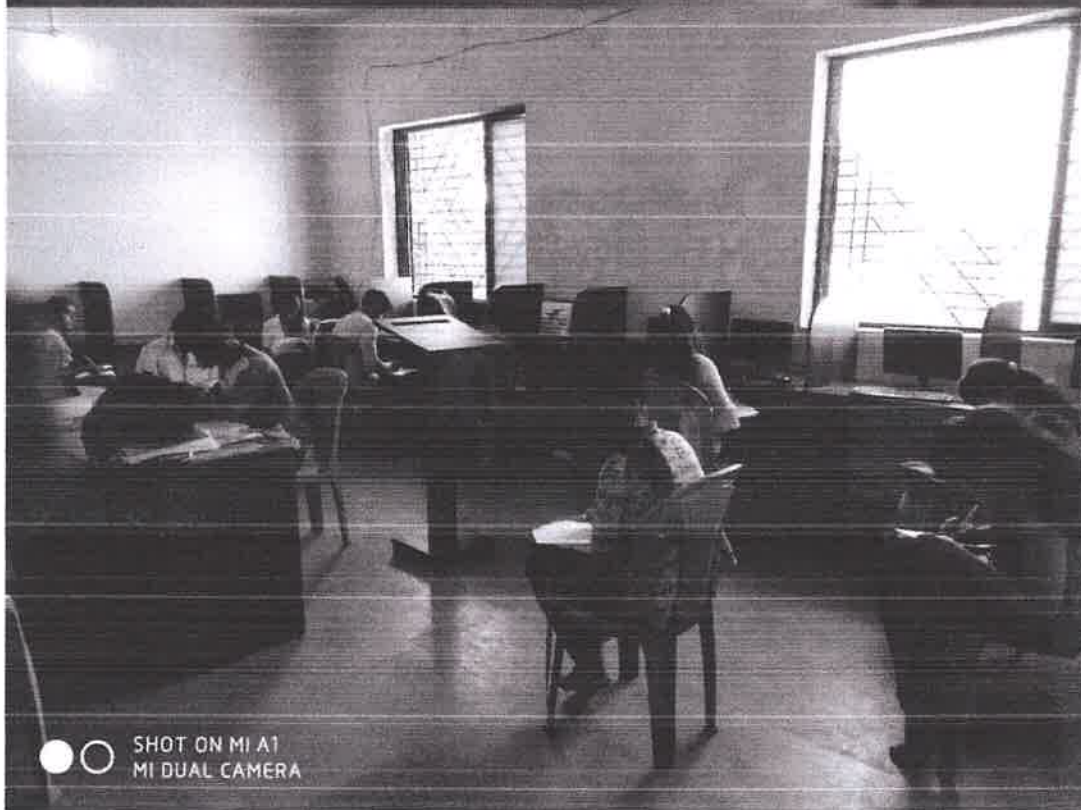
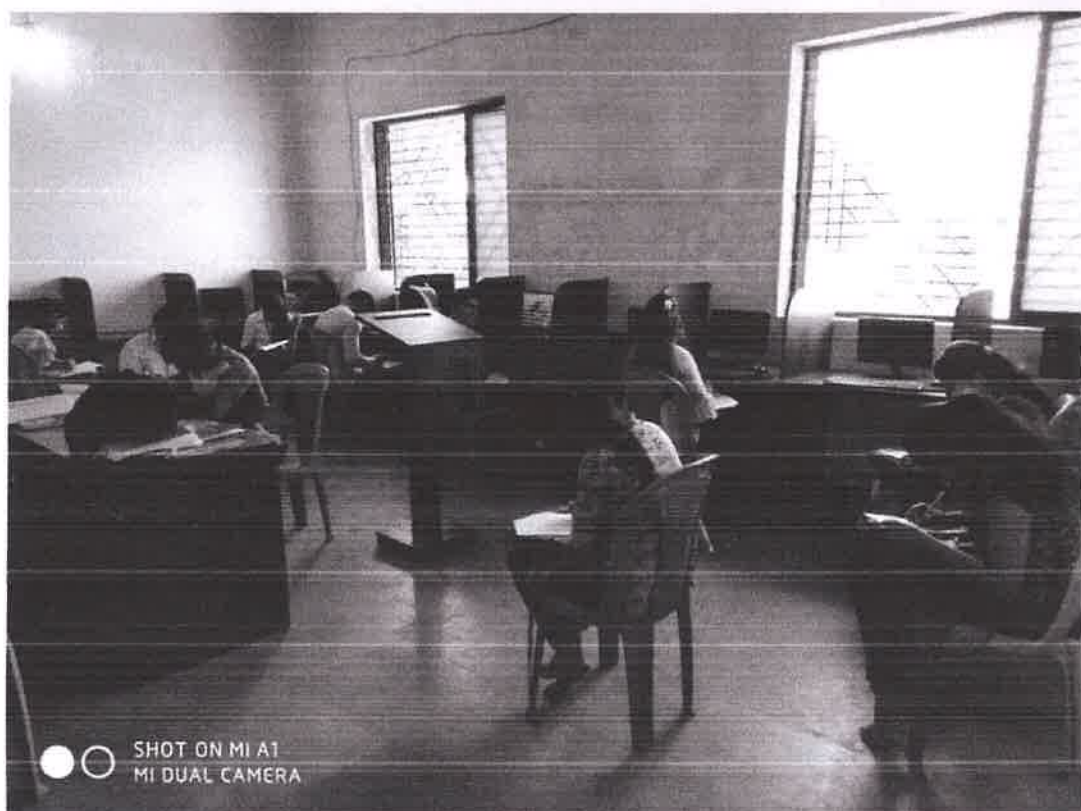


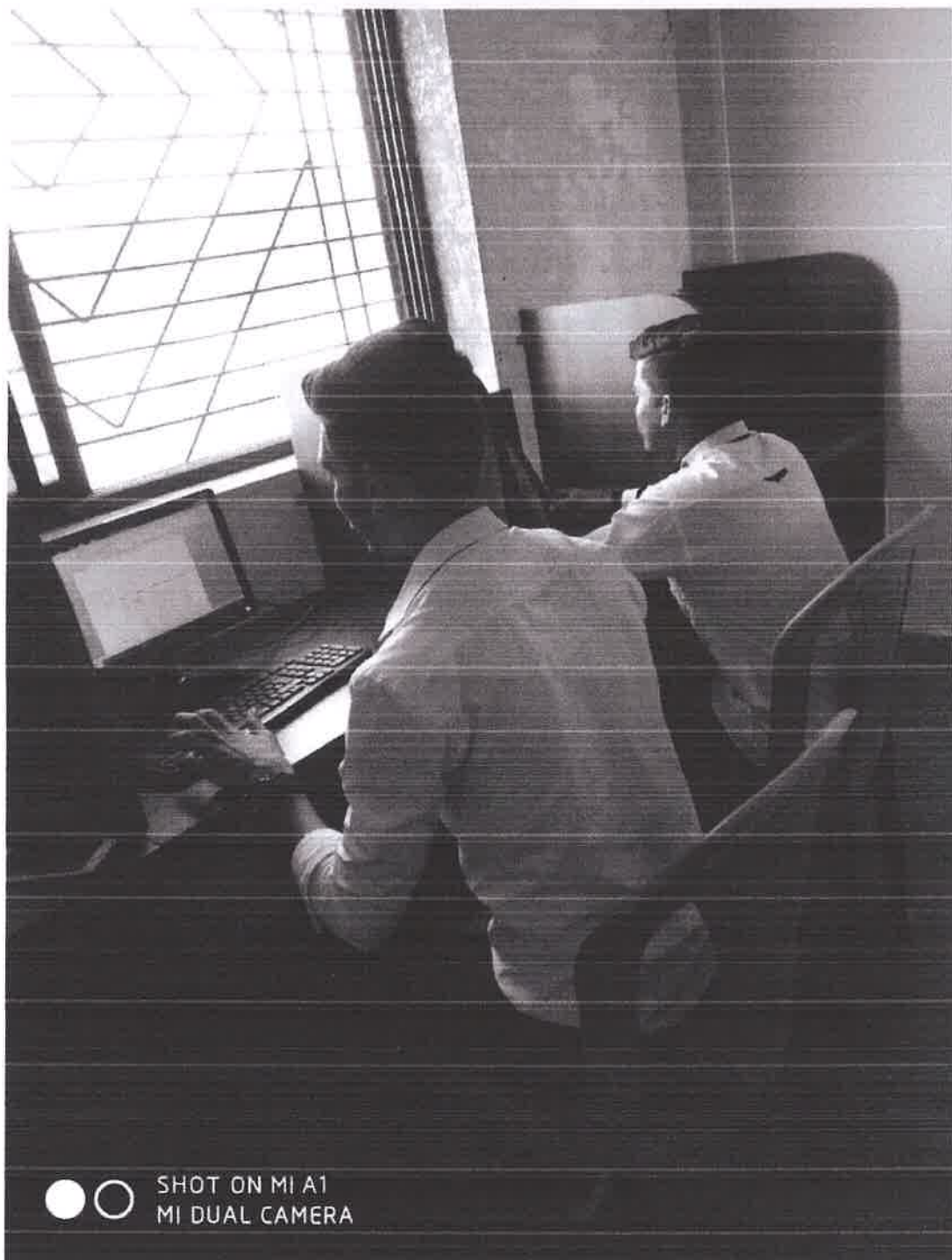
80	/VISHE RESHMA MADHUKAR	189209	29	45	74
81	BHARMAL SAGAR MADHUKAR	189201	32	27	59
82	DARADE SURAJ HIRAMAN	189202	39	43	82
83	FARDE MAYUR CHANDRAKANT	189211	43	27	70
84	GAWALE MAYAVATI MAGAN	189220	39	38	77
85	GHODVINDE VIKRANT MARUTI	189218	22	43	65
86	INGOLE BHIMASHISH SHREERANG	189217	29	43	72
87	JADHAV VITTHAL SAMPAT	189203	35	26	61
88	KAKAD GANESH SURYABHAN	189215	46	32	78
89	PAWAR MAYUR ARUN	189205	28	38	66
90	RAJBHAR SONU BHUVAL	189212	38	39	77
91	ROKADE VISHAL RAJESH	189206	47	43	90
92	SAHANE RAVINDRA PRABAKAR	189219	28	24	52
93	SALVE DISHANT POPAT	189216	48	32	80
94	SHINDE AKSHAY DEEPAK	189214	36	43	79
95	SONPAROTE AMIT RAJENDRA	189207	37	24	61
96	VARKUTE VIKRANT KISAN	189213	45	25	70
97	WAGH AKSHAY UTTAM	189210	30	32	62

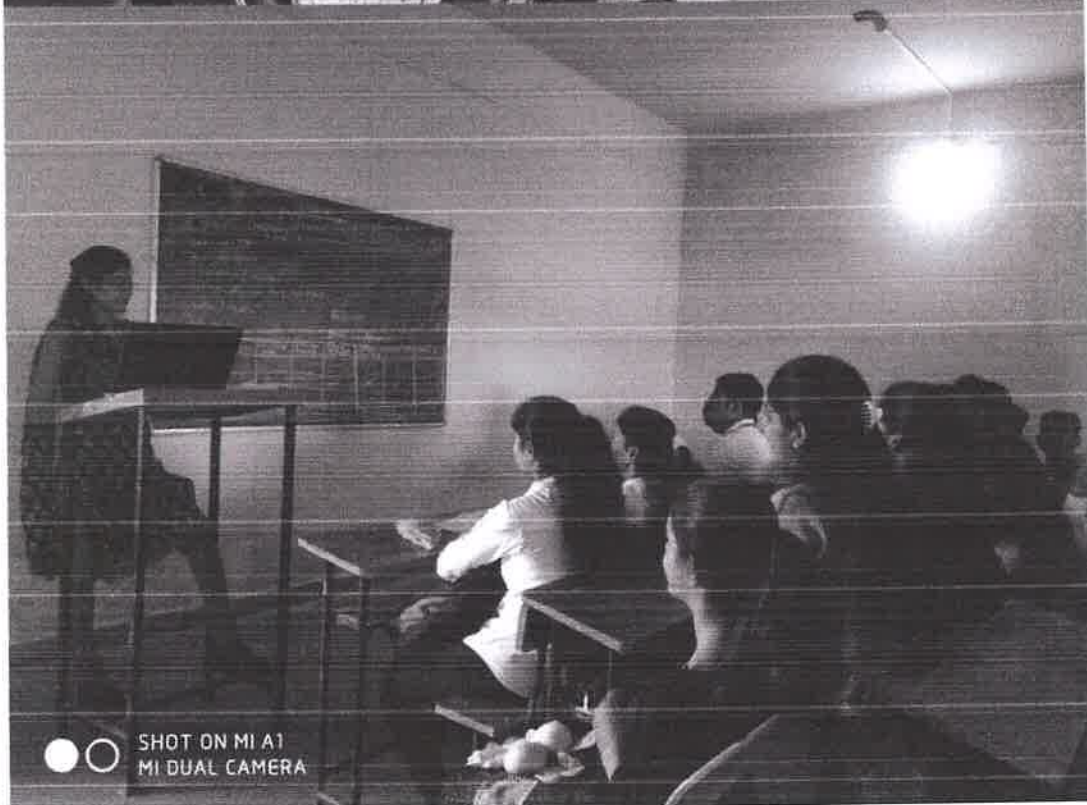


[Signature]
Principal

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ART'S, COMMERCE& SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR,DIST-THANE,STATE-
MAHARASHTRA

Department of Information Technology.

Short term course- Software Testing
(PROGRAMME SYLLABUS)

Introduction 1.1 What is Quality?
Factors of Quality
Customers View of Quality
Suppliers View of Quality
Financial Aspects of Quality
Organisation Culture
Difference between Quality culture in Q & Quality Culture in q
Software Development Model
List of Software Development model
Waterfall Development model
Iterative Development model
Incremental Development model
Spiral Development model
Prototyping Development model
Rapid Application Development model
Agile Development model
Maintenance Development model
Questions 1.8 Further Reading

SOFTWARE QUALITY



Software Quality Control
Software Quality Management
Total Quality Management
Quality Principles
Relationship between Quality & Productivity
Software Defects
Software Testing
Principles
Challenges
Verification
Validation
Approaches to Testing
Big Bang Approach
VV Model

FUNCTIONAL TESTING

Functional Testing
Advantages of functional testing
Disadvantage of functional testing
Boundary Value Analysis
Limitations of Boundary Value
Robustness Testing
Worst Case Testing
Equivalence Class Testing
Weak Normal Equivalence Class Testing
Strong Normal Equivalence Class Testing
Weak Robust Equivalence Class Testing
Weak Robust Equivalence Class Testing

DECISION TABLE

Decision Table
Advantages of Decision base testing
Decision Table creation using triangle problem
Retrospective on Functional testing
Test Efforts
Test Efficiency
Test Effectiveness

PATH TESTING

Program graph construction
Unstructured Graph
DD-Path
Test Coverage Metrics
Metric-Based Testing
Test Coverage Analyzers



Basic Path Testing
McCabe's Basic Path Method
Essential Complexity

DATAFLOW TESTING

Define/Use testing
Slice based testing

OBJECT ORIENTED TESTING PART

Object Oriented Testing
Implications of Composition and Encapsulation
Implications of Inheritance
Levels of Object Oriented Testing
GUI Testing

OBJECT ORIENTED TESTING PART

Object Oriented Integration Testing
UML Support of Integration Testing
MM-Paths for Object-Oriented Software
Object Oriented Testing 8
OBJECTIVE
LEVELS OF TESTING - II
Top-Down Approach
Bottom-Up Approach
Modified Top-down Approach
Big-Bang Approach
Acceptance Testing
System Testing
Thread
Regression

TESTING PROCESS

Number Systems
Test Plan
Advantages of Testing Planning
Benefits of Test Plan
Test Cases
Characteristics of Good Test Case
How to write a Good Test Case
Test Reports 10.4.1 Types of Test Reports
Characteristics of Test Reports

TESTING PROCESS-II

Benchmarking
Qualitative & Quantitative Analysis
Data



Qualitative Data
Quantitative Data
Efforts
Estimated Efforts
Budgeted Efforts
Approved Efforts
Actual Efforts

References Book:

References: Software testing by Yogesh Singh. Cambridge University Press, 2012 Introduction to Software Testing, Paul Ammann, Jeff Offutt, Cambridge University Press. Managing the Testing Process: Practical Tools and Techniques for Managing Hardware and Software Testing, Rex Black, Wiley. Software Testing, Second Edition, Ron Patton, SAMS Software Testing, Perry, Wiley India. Software testing by Sandeep Desai, Abhishek Srivastava. (PHI) EEE edition.



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Department of Information Technology.

Short term course- Software Testing

Board of studies-2018-19

Date: 10/01/19

Software Testing (Short Term Course) Theory Examination -
January-2020 Time Table

Sr. No	Day/Date	Time	Seat No.	Total Students
1	16/1/2019	12.00 to 1.00pm	183201-183236 186201-186240 189222-189210	97

Instructions:

The candidate should be present at least 15 min. before the start of theory examination. Candidate coming late may not be examined.

Candidate should bring their college id entity card.

Use of mobile phones and other electronic gazettes are strictly prohibited in the examination hall.



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TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course- Software Testing

Board of studies-2019-2020

Date: 18/01/2019

Software Testing (Short Term Course) Practical Examination January-
2020 TimeTable

Sr. No	Day/Date	Time	Seat No.	Total Students
1	22/1/2019	12.00 to 1.00pm	183201-183236 186201-186240 189222-189210	97

Instructions:

The candidate should be present at least 15 min. before the start of the theory examination. Candidate coming late may not be examined.

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MAHARASHTRA

Department of Information Technology.

Short term course- Software Testing

Question paper Theory

Time = 1 hours

Marks = 50

2) When an expected result is not specified in test case template then _____

- a. We cannot run the test.
- b. It may be difficult to repeat the test.
- c. It may be difficult to determine if the test has passed or failed.
- d. We cannot automate the user inputs.

Ans _____

3) A test technique that involves testing with various ranges of valid and invalid inputs of a particular module or component functionality extensively is _____.

- a. Gorilla Testing
- b. Monkey Testing
- c. Agile Testing
- d. Baseline Testing

Ans _____

4) End result of Software Requirement Analysis is _____.

- a. Functional and Behavioral
- b. Architectural and Structural
- c. Usability and Reliability



d. Algorithmic and Data Structure

Ans _____

5) Bug status is set to postpone due to _____.

- a. Priority of that bug may low.
- b. Lack of time for the release.
- c. The bug may not be the major effect in the software.
- d. Data may be unavailable.

Ans _____

6) Which Testing is performed first?

- a. Black box testing
- b. White box testing
- c. Dynamic testing
- d. Static testing

Ans _____

7) Verification and Validation uses _____.

- a. Internal and External resources respectively.
- b. Internal resources only.
- c. External resources only.
- d. External and Internal resources respectively.

Ans _____

8) Testing beyond normal operational capacity is _____.

- a. Load testing
- b. Performance testing
- c. Stress testing
- d. All of these.

Ans _____



9) The expected results of the software is _____.

- a. Only important in system testing
- b. Only used in component testing
- c. Most useful when specified in advance
- d. Derived from the code

Ans _____

10) Which is not true?

- a. Condition coverage is also known as Predicate Coverage
- b. 100% condition coverage does not guarantee 100% decision coverage.
- c. Error guessing has rules for testing.
- d. Predicate Coverage uses Boolean values.

Ans _____

11) Test cases are created in which phase?

- a. Test Specification
- b. Test Planning
- c. Test Requirement
- d. Test Configuration

Ans _____



12) Which of the following is / are not use for the Usability Improvement of the website?

- a. Card sorting
- b. Focus Groups
- c. Heuristic Evaluation
- d. None of these

Ans _____

13) A tester is executing a test to evaluate and it complies with the user requirement for a certain field be populated by using a dropdown box containing a list of values, at that time tester is performing _____.

- a. White-box Testing
- b. Black-box Testing
- c. Load Testing
- d. Regression Testing

Ans _____

14) 7n test cases are generated in which case of Boundary Value Analysis?

- Published on 19 Oct 15

- a. Worst case
- b. Roust worst case
- c. Critical fault assumption
- D. None of these



Ans _____

15) Which testing focuses on heavily testing of one particular module?

- a. Gorilla Testing
- b. Fuzz Testing
- c. Inter-Systems Testing
- d. Breadth Testing

Ans _____

16) Which testing cannot be performed on first build of the software?

- a. Regression testing
- b. Retesting.
- c. Sanity testing
- d. Only A and B.
- e. All of these

Ans _____

17) Which testing is performed with Planning and Documentation?

- Published on 19 Oct 15

- a. Ad-hoc testing
- b. Monkey testing
- c. Fuzz testing



d. End-to-End testing

Ans _____

18) Which is not true in context of Decision Tree?

- Published on 19 Oct 15

a. Used in white box model.

b. Perform well with large data

c. Handles both categorical and numerical data

d. Random forest tree is used for regression type problem

Ans _____

19) Which testing enables the tester to evaluate the software behaviour when exceptions occur?

a. Fault Injection Testing

b. Fuzz Testing

c. Active Testing

d. Passive Testing

Ans _____

20) Which is not true regarding Smoke and Sanity Testing?

a. Sanity Testing is also called tester acceptance testing.

b. Smoke testing performed on a particular build is also known as a build verification test.

c. Smoke and sanity tests can be executed using an automation tool.



d. When executing both, then first execute sanity testing tests and then smoke Testing.

Ans _____

22) _____ exercises the full functionality of a product but does not test features in detail.

- a. Black box Testing
- b. Confirmation Testing
- c. Domain Testing
- d. Breadth Testing

Ans _____

23) Which debugging technique is most used for debugging in small software?

- a. Brute Force
- b. Induction
- c. Back tracking
- d. Cause elimination

Ans _____

24) _____ calls the function and passes it test data.

- a. Test Stub
- b. Test Driver
- c. Proxy
- d. None of the above

Ans _____

25) The Cyclomatic number theory in a graph is defined by _____.

- a. $e - n + 2$
- b. $e - n + 1$



c. e - n - 2

d. e - n - 1

Ans _____

26) Which is not a part of Specification Testing?

a. Equivalence Partitioning

b. Decision Tables

c. Decision

d. Use Case Testing

Ans _____

27) White Box Testing is not concern with _____

a. Statement Coverage

b. Decision Coverage

c. Cause and Effect Coverage

d. Multiple Condition Coverage

Ans _____

28) Which of the following is / are true regarding Catastrophic Defect?

a. Hide other defects.

b. Invokes other defect.

c. Failure of the software and data can be recovered.

d. Application crash and data cannot be recovered.

Ans _____

29) Which is not true in case of Soak Testing?

a. Also know as Endurance Testing.

b. Running a system at high levels of load for prolonged periods of time.

c. Type of Performance Testing.

d. Subset of Regression Testing.



Ans _____

30) Pesticide Paradox principle of testing says that _____

- a. Clustering modules contain most of the defects.
- b. Finding and Fixing defects does not help if the system built is unstable.
- c. Testing is done differently in different context.
- d. Test cases needs to be regularly reviewed and revised.

Ans _____

31) Which is not Data Driven Testing?

- a. Fuzz Testing
- b. Ramp Testing
- c. Negative Testing
- d. Retestin

Ans _____

32) What is the ratio of effort needed to fixing a defect in Requirement Phase, Design Phase, Coding Phase and Implementing Phase?

- a. 1:4:7:10
- b. 1:6:10:1000
- c. 1:8:12:100
- d. 1:10:100:1000

Ans _____

33) Which testing application security has the purpose to prevent problems which may affect the application integrity and stability?

- a. Vulnerability Testing
- b. Ramp Testing
- c. Penetration Testing
- d. Fuzz Testing

Ans _____

34) Which of the following is / are not part of Specification Based Testing



- a. Decision Table
- b. State Transition
- c. Data Flow
- d. Boundary Value Analysis

Ans _____

35) Confidence Testing refers to _____.

- a. Smoke Testing
- b. Retesting
- c. Regression Testing
- d. All of these.

Ans _____

36) Which is not true in case of Sanity Testing?

- a. Sanity test is a narrow regression testing.
- b. Sanity test is usually unscripted.
- c. Sanity testing is a cursory testing.
- d. Sanity testing is High Level Testing.

Ans _____

37) Coupling and Cohesion is explained by _____.

- a. Software Requirement Specification
- b. Cause-Effect Graph
- c. Structure Graph
- d. Dependency Matrix

Ans _____

38) Component Drivers are not needed for _____.

- a. Big-Bang
- b. Top Down
- c. Modified Top Down
- d. Modified Sandwich

Ans _____



40) Test plans are based on _____.

- a. Project Plan
- b. Business Plan
- c. Support Plan
- d. All of these

41) _____ is done by suddenly increasing the load for a small period of time and observing the behavior of the system.

- a. Stress Testing
- b. Load Testing
- c. Spike Testing
- d. All of these

Ans _____

42) Which of the following is / are not a Iterative Model?

- a. RAD
- b. Incremental
- c. V model
- d. Spiral Model

Ans _____

43) Which is not true in case of Unit Testing

- a. It decreases the software development speed.
- b. It can't be expected to catch every error in a program.
- c. In this tester evaluates if individual units of source code are fit for use.
- d. It is usually conducted by the development team.

Ans _____



44) Focus Testing comes under _____.

- a. Performance Testing
- b. Acceptance Testing
- c. Usability Testing
- d. Component Testing

Ans _____

45) Defects can be found more easily in _____.

- a. Bottom up Integration Testing
- b. Top down Integration Testing
- c. Big Bang Testing.
- d. Sandwich Integration Testing

Ans _____

46) STLC is related to which model?

- a. Waterfall Model
- b. RAD Model
- c. V Model
- d. Spiral Model

Ans _____

47) Which testing cannot be performed by QA Team

- a. Equivalence Partitioning Testing
- b. End-to-end Testing
- c. Fuzz Testing
- d. Destructive Testing

Ans _____

48) Top-down Design does not require _____.

- a. Step-wise Refinement



- b. Loop-invariants
- c. Flow charting
- d. Modularity

Ans _____

49) _____ is an existing defect that has not yet caused a failure because the conditions that is required to invoke the defect is not meet.

- a. Masked defect
- b. Latent defect
- c. Both of these
- d. None of these.

Ans _____

50) Which is the odd one out?

- a. Beta testing
- b. Beta release
- c. Client side
- d. Client or development side

Ans _____





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Arts, Commerce and Science College, Khardi
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(Affiliated to Mumbai University)

शॉर्ट टर्म कोर्स – “उत्पन्न कर परतावा”

अभ्यास मंडळ 2018-19

Sr. No.	Designation	Name of Person
1.	Chairman	Prof. K.R.Kalkate (Principal)
2.	Member	Mr. P. Ghodwinde
3.	Member	Dr.K.B.Kore (Expert) Jssp A/C/S college Goveli
4.	Member	Asst. Prof. Rasika Sakpal





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At Khardi, Tal. Shahapur, Dist. Thane-421601
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सभेचे इतिवृत्त

आज दि. 04-01-2019 रोजी दुपारी 12.30 वाजता "उत्पन्न कर परतावा" शॉर्ट टर्म कोर्से च्या बैठकीचे आयोजन करण्यात आले होते. या सभेसाठी अभ्यास मंडळातील सदस्य उपस्थित होते या सभेमध्ये खालील घटकावर चर्चा करण्यात आली.

1. उत्पन्न कर परतावा अभ्यासक्रम तयार करणे
2. कामाचा वाटप
3. विद्यार्थ्याला प्रोत्साहन
4. शॉर्ट टर्म कोर्सची परीक्षा




प्रिन्सिपल

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सदस्य



Jeevandeep Shaikshnik Sansthas Poi's
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(Affiliated to Mumbai University)

“उत्पन्न कर परतावा” कॉर्ससाठी अभ्यासक्रम”

कॉलेजाचे शॉर्ट टर्म कोर्स दिवसांचा 15 कॉर्ससाठी अभ्यासक्रम खालील प्रमाणे आहे ज्यात उत्पन्न कर परतावा भरण्याच्या प्रक्रियेचा अभ्यास खालील प्रमाणे केला जाईल .

दिवस १-३: आयकर पद्धती आणि ओळख

भारतीय आयकर पद्धतीची संक्षिप्त ओळख
आयकर कायदा
करदात्यांचे प्रकार आणि त्यांचे कर्तव्य

दिवस ४-६: आय स्रोते आणि कर गणना

वेतन घरची संपत्ती व्यापार/पेशा लाभ इतर स्रोतांचे प्रकार
विविध कर सवलती
कर गणना आणि कर दरांची समज

दिवस ७-१०: आयकर फॉर्म भरण्याची प्रक्रिया

उत्पन्न कर परतावा फॉर्मची ओळख आणि नियम
फॉर्म भरण्याचे टप्पे
व्यावसायिक कार्याचा अभ्यास

दिवस ११-१५: ई-फाइलिंग प्रक्रिया आणि व्यावहारिक वापर

उत्पन्न कर परतावा ई-फाइलिंगची प्रक्रिया
ई-फाइलिंग प्रक्रियेचे टप्पे समजून घेणे
व्यावसायिक केस स्टडी आणि वास्तविक प्रकरणे.

Principal
Jeevandeep Shaikshnik Sansthas Poi's
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Khardi, Tal. Shahapur, Dist. Thane 421 601.





॥ विद्या धनयेन् शोभते ॥

Mob.: 8669244522

JEEVANDEEP SHAIKSHANIK SANSTHA'S POI'S ARTS, COMMERCE & SCIENCE COLLEGE

(Affiliated to Mumbai University)

Mumbai University Affiliation No. Aff / Recog. /6403 of 2008 dt. 17th Oct. 2008
Govt. of Maharashtra Order No. NGC 2008 / (218 / 08) MS - 3, dt. 16/6/2008

Khardi (E), Tal. Shahapur, Dist. Thane Pin 421 601. • Website : www.jaspcollegekhardi.in • Email: jeevandeepkhardi@gmail.com

Ref. : JSSP/ACSCK / _____ /

Date : _____

शॉर्ट टर्म कोर्स - "उत्पन्न कर परतावा" निकाल 2018 - 2019

Sr. No.	Roll No	Student Name	Class	Marks
1.	187220	GAVHALE PUNAM GAJANAN	TYBA	23
2	187212	DATE GURUNATH DATTU	TYBA	20
3.	187213	DATE SADHANA DATTU	TYBA	15
4.	187214	DHANKE PAVAN JANARDHAN	TYBA	24
5.	187247	ZUGARE ANKUSH RAMESH	TYBA	13
6.	187239	PASHTE NILESH SURENDRA	TYBA	18
7.	187241	SUTAR DAYA SURESH	TYBA	18
8.	187205	BHOIR DIPTI SANTOSH	TYBA	24
9.	187224	INGALE SAGAR PURUSHOTTAM	TYBA	17
10.	187238	NIMSE AMITA MARUTI	TYBA	15
11.	187229	KADU VAIBHAV SUBHASH	TYBA	22
12.	187244	BHOIR VANITA MARUTI	TYBA	15
13.	187225	JADHAV PRACHI VIKAS	TYBA	16
14.	187206	BHOIR JYOTSNA DIGAMBAR	TYBA	24
15.	187245	WAGH AKSHAY PRAKASH	TYBA	20
15.	187207	BHOIR MAMATA RAJARAM	TYBA	19
17.	187240	SURYAWANSHI GANESH VILAS	TYBA	18
18.	187201	BHAGARE ROSHAN RAMESH	TYBA	17
19.	187234	KULAL RAJU VITTHAL	TYBA	23
20	187211	CHAURE VAIBHAV MADHUKAR	TYBA	19





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At Khardi, Tal. Shahapur, Dist. Thane-421601
(Affiliated to Mumbai University)

“उत्पन्न कर परतावा कौर्स परीक्षा”

Time- 10:00 – 11:00 AM

Marks- 25

Name of Student -

Date-.....

Roll No-.....

Class-.....

1. भारतीय आयकर विभाग कोणत्या मंत्रीविषयी जबाबदार आहे ?
अ) प्रधान मंत्री
ब) वित्त मंत्री
क) कृषि मंत्री
ड) गृहमंत्री
2. भारतीय आयकर प्रणालीचा वर्षभरात अर्ज कोणत्या महिन्यात भरण्यात येत ?
अ) जून
ब) जुलै
क) ऑगस्ट
ड) सप्टेंबर
3. आयकर परतावा फॉर्म कोणत्या भाषेत उपलब्ध आहे?
अ) हिंदी
ब) इंग्रजी
क) मराठी
ड) उपरोक्त सर्व
4. आयकर प्रणाली अनुसार जर आपली वार्षिक आय किमान रक्कमात २.५ लाख रुपये असेल तर आपण काय करावे?
अ) कोणताही कर करण्याची गरज नाही
ब) आयकराची माफ करण्याचा अर्ज करणे
क) अर्ज करणे परंतु कोणताही कर भरणे नाही
ड) आयकर कर्मचारीला आयाचे प्रमाणपत्र नाही काढावे
5. आपल्या उत्पन्न प्राप्ती कर भरण्याची गरज कोणत्या कायद्याने अनुसार होते?
अ) ग्राहक अधिनियम
ब) आयकर नियम
क) उपरोक्त सर्व
ड) कोणतेही नाही
6. भारतीय आयकर विभाग कोणत्या वर्षात पहिल्यांदा स्थापित होता?
अ) 1857
ब) 1860
क) 1917



ड) 1947

7. भारतीय आयकर प्रणालीतील "PAN" हा किमान किती अक्षरांचा असावा?

- अ) 8
- ब) 10
- क) 12
- ड) 15

8. "TDS" हा काय म्हणतो ?

- अ) आयकर उत्पन्न परतावा
- ब) टॅक्स डेडक्टेड एंन्ड अतिरिक्त
- क) टॅक्स डेडक्टेड एंन्ड सर्व्हिस
- ड) कोणतेही नाही

9. आयकर केवळ कोणत्या व्यक्तींना लागू केले जाते?

- अ) व्यावसायिक व्यक्ती
- ब) व्यक्तिगत व्यक्ती
- क) व्यावसायिक व्यक्ती आणि व्यक्तिगत व्यक्ती दोघांना
- ड) सर्वांना

10. आयकर प्रणालीत नागरिकांना वार्षिक उत्पन्न चा पहिला टप्पा कोणता आहे ?

- अ) 2 लाख रुपये ते 5 लाख रुपये
- ब) 5 लाख रुपये ते 10 लाख रुपये
- क) 10 लाख रुपये ते 15 लाख रुपये
- ड) 15 लाख रुपये पेक्षा अधिक

11. आयकर परतावा कोणत्या दिवशी भरण्यात येतो ?

- अ) 31 डिसेंबर
- ब) 31 जुलै
- क) 31 अगस्त
- ड) 31 मार्च

12. "GST" हा काय म्हणतो ?

- अ) गुड्स और सर्विस टॅक्स
- ब) जीनीयस सेलर्स और ट्रेडर्स
- क) ग्राहक सर्व्हिस एव्हर टॅक्स
- ड) कोणतेही नाही

13. भारतीय आयकर विभागाचा मुख्यालय कुठे आहे ?

- अ) मुंबई
- ब) नवी मुंबई
- क) दिल्ली
- ड) बेंगळूरु

14. "TIN" हा काय म्हणतो ?

- अ) टॅक्स इन्फर्मेशन नेटवर्क
- ब) टॅक्स इंडिया नेटवर्क
- क) टॅक्स इन्टरनेशनल नेटवर्क
- ड) कोणतेही नाही

15. आयकर परतावा कोणत्या संरचनेत भरला जातो ?



- अ) व्यक्तिगत
- ब) व्यवसायिक
- क) उपरोक्त सर्व
- ड) कोणतेही नाही

16. भारतीय आयकर प्रणालीत कोणते प्रमाणपत्र अत्यंत महत्वाचे आहे ?

- अ) पॅन कार्ड
- ब) आधार कार्ड
- क) नागरिकत्व प्रमाणपत्र
- ड) कोणतेही नाही

17. "CBDT" हा काय म्हणतो ?

- अ) केन्द्रीय उत्पन्न कर विभाग
- ब) केन्द्रीय उत्पन्न कर विभाग
- क) केन्द्रीय आयकर प्राधिकरण
- ड) कोणतेही नाही

18. भारतीय आयकर प्रणालीत कोणत्या कोणत्या उत्पन्न पातळी असते ?

- अ) स्थिर
- ब) वार्षिक
- क) समुदाय
- ड) उपरोक्त सर्व

19. "CIT" हा काय म्हणतो ?

- अ) सीनियर आयकर इंस्पेक्टर
- ब) सीनियर आयकर टेक्स
- क) आयकर निरीक्षक
- ड) कोणतेही नाही

20. भारतीय आयकर प्रणालीत कोणती वस्तू अंतर्भूत नाही ?

- अ) जमीन
- ब) स्टॉक
- क) आदान-प्रदान
- ड) उपरोक्त सर्व

21. "ITR" हा काय म्हणतो ?

- अ) इंटरनेट टॅक्स रिटर्न
- ब) आयकर परतावा रिटर्न
- क) आयकर परतावा रेगिस्टर
- ड) कोणतेही नाही

22. भारतीय आयकर प्रणालीचा "GST" कोणत्या दिवशी लागू होतो?

- अ) 1 जुलै
- ब) 1 ऑगस्ट
- क) 1 सप्टेंबर
- ड) 1 नोव्हेंबर

23. "EVC" हा काय म्हणतो ?

- अ) इलेक्ट्रॉनिक वेरिफिकेशन कोड
- ब) इलेक्ट्रॉनिक वेरिफिकेशन सर्व्हिस
- क) इलेक्ट्रॉनिक वेरिफिकेशन सिस्टम
- ड) कोणतेही नाही



24. भारतीय आयकर प्रणालीचे "PAN" किती अक्षरांचे असते?

अ) 10

ब) 12

क) 15

ड) 20

25. "TDS" हा काय म्हणतो ?

अ) टॅक्स डेडक्टेड सर्व्हिस

ब) टॅक्स डेडक्टेड सर्व्हिस

क) टॅक्स डेडक्टेड सर्व्हिस

ड) कोणतेही नाही.



Answer

भारतीय आयकर विभाग कोणत्या मंत्रीविषयी जबाबदार आहे?

1. उत्तर: ब) वित्त मंत्री

भारतीय आयकर प्रणालीचा वर्षभरात अर्ज कोणत्या महिन्यात भरण्यात येत?

2. उत्तर: ड) सप्टेंबर

आयकर परतावा फॉर्म कोणत्या भाषेत उपलब्ध आहे?

3. उत्तर: ड) उपरोक्त सर्व

आयकर प्रणाली अनुसार, जर आपली वार्षिक आय किमान रक्कमात २.५ लाख रुपये असेल तर आपण काय करावे?

4. उत्तर: ब) आयकराची मोफत वस्तू मिळवण्याची अर्ज करणे

आपल्या व्यावसायिक आयाचा परंतु आपल्या व्यक्तिगत आयाचा परतावा भरण्याची गरज कोणत्या मामल्यावर अनुसार होते?

5. उत्तर: ब) आयकर नियम

भारतीय आयकर विभाग कोणत्या वर्षात पहिल्यांदा स्थापित होता?

6. उत्तर: ब) 1860

भारतीय आयकर प्रणालीतील "PAN" हा किमान किती अक्षरांचा असावा?

7. उत्तर: ब) 10

"TDS" हा काय म्हणतो?

8. उत्तर: ब) टैक्स डेडक्टेड सर्व्हिस

आयकर केवळ कोणत्या व्यक्तियांना अप्लाय केले जाते?

9. उत्तर: ड) सर्वात

आयकर परतावा कोणत्या संरचनेत भरला जातो?

10. उत्तर: ड) कोणतेही नाही

आयकर परतावा कोणत्या दिवशी भरण्यात येतो?

11. उत्तर: ब) 31 जुलै

"GST" हा काय म्हणतो?

12. उत्तर: अ) गुड्स और सर्विस टॅक्स

भारतीय आयकर विभागाचा मुख्यालय कुठे आहे?

13. उत्तर: स) दिल्ली

"TIN" हा काय म्हणतो?

14. उत्तर: अ) टैक्स इन्फर्मेशन नेटवर्क

आयकर परतावा कोणत्या संरचनेत भरला जातो?

15. उत्तर: स) उपरोक्त सर्व

भारतीय आयकर प्रणालीत कोणते प्रमाणपत्र अत्यंत महत्वाचे आहे?

16. उत्तर: अ) PAN कार्ड

"CBDT" हा काय म्हणतो?

17. उत्तर: स) केन्द्रीय आयकर प्राधिकरण

भारतीय आयकर प्रणालीत कोणती वस्तू परिस्थितीत शामिल नाही?

18. उत्तर: स) आदान-प्रदान

"CIT" हा काय म्हणतो?

19. उत्तर: ड) नाही पाहिजे

भारतीय आयकर प्रणालीत कोणते प्रमाणपत्र अत्यंत महत्वाचे आहे?

20. उत्तर: अ) आयकर परतावा रिटर्न

"ITR" हा काय म्हणतो?

21. उत्तर: ब) आयकर परतावा रिटर्न

भारतीय आयकर प्रणालीचा "GST" कोणत्या दिवशी लागू होतो?

22. उत्तर: अ) 1 जुलै

"EVC" हा काय म्हणतो?

23. उत्तर: अ) इलेक्ट्रॉनिक वेरिफिकेशन कोड

भारतीय आयकर प्रणालीचे "PAN" किती अक्षरांचे असते?

24. उत्तर: ब) 12

"TDS" हा काय म्हणतो?

25. उत्तर: ब) टैक्स डेडक्टेड सर्व्हिस





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Arts, Commerce and Science College, Khardi
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शॉर्ट टर्म कोर्सचा अहवाल - "उत्पन्न कर परतावा "

अर्थशास्त्र विभागाने 2018-19 या शैक्षणिक वर्षात "उत्पन्न कर परतावा " नावाचा करिअर ओरिएंटेड कोर्स केला आहे. एकूण 20 विद्यार्थी या अभ्यासक्रमात सहभागी झाले होते. विद्यार्थ्यांना ऑनलाइन आणि ऑफलाइन पद्धतीने कर विवरणपत्र भरण्याच्या विविध पद्धती आणि तंत्र शिकवण्यात आले. तयार केलेला अभ्यासक्रम निर्धारित वेळेत पूर्ण करण्यात आला . आणि विद्यार्थ्यांची कौशल्ये तपासण्यासाठी परीक्षा घेण्यात आली. सर्व विद्यार्थ्यांनी हा अभ्यासक्रम यशस्वीपणे पूर्ण केला आहे.

जीवनदीप शैक्षणिक संस्था संचालित,
कला,वाणिज्य व विज्ञान महाविद्यालय,खर्डी

ता.शहापूर जि.ठाणे

मराठी विभाग आयोजित
ग्रंथ संपादन प्रमाणपत्र अभ्यासक्रम
शै.वर्ष २०१८-१९

❖ कालवधी : ०१ ऑगस्ट ते २० ऑगस्ट २०१८ (दररोज २ तास)

❖ प्रवेश क्षमता : १०० विद्यार्थी

❖ प्रवेश पद्धती : प्रथम येणा-यास प्राधान्य

❖ अभ्यासक्रमाचे उद्दिष्टे :

- ग्रंथ संपादन शिकवणे
- मराठी व्याकरणाचा परिचय करून देणे.
- लेखक संहितेचा नमुना तयार करणे.
- पुस्तक निर्मितीच्या सर्व घटकांचा परिचय करून देणे.

➤ अभ्यासक्रम :

घटक क्र १ : ग्रंथ स्वरूप व प्रकार

घटक क्र २ : ग्रंथ निर्मितीत ग्रंथसंपादकाचे स्थान

घटक क्र ३ : संहिता संपादन

घटक क्र ४ : मुद्रण प्रत तयार करणे

➤ परीक्षेचे स्वरूप : अभ्यासक्रम पूर्ण केल्यावर १०० गुणांची परीक्षा होईल.

➤ अभ्यासक्रम समन्वयक व मार्गदर्शक : प्रा कैलास कळकटे/ प्रा हरेन्द्र सोष्टे




PRINCIPAL
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जीवनदीप शैक्षणिक संस्था पोई संचलित
कला वाणिज्य व विज्ञान महाविद्यालय, खर्डी

ता.शहापूर जि.ठाणे
(मुंबई विद्यापीठाशी संलग्न)
ग्रंथसंपादन प्रमाणपत्र अभ्यासक्रम परीक्षा

गुण १००

वेळ ३ तास

सूचना : १) सर्व प्रश्न सोडविणे अनिवार्य आहे.

२) सर्व प्रश्नां समान गुण

- प्र १. ग्रंथ संपादनाची प्रक्रिया सविस्तर सांगा ? (२०)
- प्र २. ग्रंथ संपादनाची आवश्यकता सोदाहरण स्पष्ट करा. ? (२०)
- प्र ३. मुद्रण प्रत कशी तयार करावी ? (२०)
- प्र ४. मुद्रित शोधनाच्या प्रमुख खुणा सांगा ? (२०)
- प्र ५. संपादकाचे प्रमुख कार्य स्पष्ट करा. ? (२०)



कला , वाणिज्य व विज्ञान महाविद्यालय खर्डी

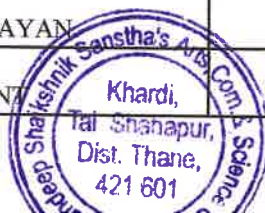
ता. शहापूर जि. ठाणे

ग्रंथ संपादन प्रमाणपत्र अभ्यासक्रम

निकाल तक्ता

दिनांक ०१ ऑगस्ट ते २० ऑगस्ट २०१८

अ. क्र	विद्यार्थ्याचे नाव	हजेरी क्र	१०० पैकी
१	AMALE JAYRAM SHIVRAM	181003	५६
२	AMALE SANKET LADKU	181004	६०
३	/ANDADE AMRUTA BABAN	181005	७५
४	ARAJ AJAY ANANTA	181006	७०
५	/ARE MONALI BALU	181007	६३
६	AWARI SUNIL BABULAL	181008	८७
७	/BAMBALE PUSHPA SAGAJI	181009	८८
८	/BAMBERE PALLAVI MARUTI	181010	६०
९	BAMBERE PRAKASH PANDURANG	181011	६२
१०	/BAMBLE HARSHA SARJUN	181012	६४
११	BANGAR OMKAR BALU	181013	७५
१२	/BHADANGE KOMAL YASHWANT	184012	४५
१३	BHAGAT AAKASH PANDU	184013	७०
१४	BHAGAT PRATIK BALU	184014	६३
१५	BHAGAT SHIVRAM BUDHA	184015	४५
१६	BHAKARE DINESH PANDURANG	184016	६६
१७	BHAKARE GANESH BANDU	184017	७८
१८	/BHALERAO HEMLATA KISHOR	184018	८०
१९	BHALERAO SUDARSHAN GAUTAM	184019	६३
२०	BHANGARE DIPAK VISHNU	184020	६४
२१	BHANGARE KIRAN TANAJI	184021	७५
२२	BHANGARE MARUTI BHORU	184022	६३
२३	/BHANGARE MIRA TANAJI	184023	६६
२४	ADHAR SANTOSH NARAYAN	187002	६८
२५	/ARE DAMINI BALAVANT	187003	७८



२६	/BHANGARE ROHINI SURESH	187004	६९
२७	/DAPTE KOMAL NIKAM	187005	७५
२८	DHAVAD BHAGVAN EKNATH	187006	७८
२९	DHONDAGA ANIL BARKU	187007	६५
३०	DUBHELE JAYESH RAMESH	187008	५६
३१	GABHALE KRUSHNA VITTHAL	187009	५२
३२	GABHALE VIJAY CHANDAR	187010	६३
३३	/GAIKAR ASHWINI SURESH	187011	६५
३४	BHAGADE NILESH SHANKAR	181020	५६
३५	BHAGADE RAVI MANOHAR	181021	६६
३६	/BHAGADE ROHINI SUKHARAJ	181022	६३
३७	BHAGAT ANANTA GAJANAN	181023	४५
३८	/BHAGAT JAYSHREE VITHOBA	181024	५५
३९	BHAGAT NARESH MANGLU	181025	५९
४०	BHAGAT SANDIP SOMA	181026	५७
४१	/BHAGAT VANITA SOMA	181027	८९
४२	BHALA BHUSHAN NAMDEV	181028	६५
४३	/BHALA SUNITA DUDHA	181029	५२
४४	BHALE DINESH NANA	181030	५५
४५	BHALE SAGAR BABU	181031	६९
४६	BHALERAO AKSHAY PRADIP	181032	७८
४७	BHALERAO ONKAR DHONDIRAM	181033	८०
४८	BHANGARE AJAY BANDU	181034	८२
४९	BINNAR SAGAR RAJENDRA	184040	५६
५०	/BOMBE SAMIKSHA VIJAY	184041	७८
५१	BONDE CHETAN BALU	184042	६३
५२	BONDE SWAPNIL DINANATH	184043	७८
५३	BONDRE TUSHAR JAGANNATH	184044	८०
५४	BURKULE SUMIT SANJAY	184045	८७
५५	/CHANDE NITA SHIVAJI	184046	८८
५६	CHANDE SAMEER BHAI	184047	८६



५७	/CHANDGIR GULAB SANTOSH	184048	८७
५८	/CHAUDHARI DIVYA SUDHIR	184049	६५
५९	CHAUDHARI JAYESH GURUNATH	184050	५५
६०	CHAVAN AKASH NAMDEV	184051	६३
६१	/CHAVRE ROHINI HARI	184052	७८
६२	CHAWAKE SHUBHAM GAJANAN	184053	८९
६३	/CHOUDHARI MADHURI PRAKASH	184054	८०
६४	/DAGALE ASHWINI PARASHURAM	184055	६५
६५	/KHORGADE NANDA BHAU	187018	५५
६६	KIRPAN VIJAY DAMODAR	187019	६३
६७	LENDE KAILAS DEVRAM	187020	७८
६८	LOHARE SHANKAR VIKAS	187021	४०
६९	/LONE HARSHALA KALU	187022	६०
७०	/MHASANE KAMAL CHANDRAKANT	187023	८८
७१	/NIMASE NIDHI SURESH	187024	८२
७२	/MANJE MONALI RAVINDRA	187025	८०
७३	/PATARE KAMINI GOPAL	187026	८४
७४	PATIL DEEPAK SHIRISH	187027	७६
७५	/PAWAR NEHA BAJIRAO	187029	८८
७६	/SANDE ANITA KATOD	187030	५८
७७	/SAWANT POOJA DILIP	187031	६४
७८	/FARDE POOJA NARAYAN	184068	६०
७९	GABALE NILESH DATTA	184069	८६
८०	GAVATE JAGDISH ANKUSH	184070	८८
८१	GAVATE YUVRAJ DASHRATH	184071	७२
८२	GAVHANE PANKAJ TANANJI	184072	७०
८३	/GAVLI HARSHALI SURESH	184073	८०
८४	GHADWAJE PRAKASH ASHOK	184074	८०
८५	/GHANE KOMAL SURESH	184075	८०
८६	/GHANGHAV ROSHANI PANDURANG	184076	८०
८७	GHARAT KISHOR DAMODHAR	184077	७६



૮૮	GHARAT MANDAR VILAS	184078	૬૬
૮૯	/GHARAT PUNAM PANDIT	184079	૮૬
૯૦	GHARAT SACHIN LAXMAN	184080	૭૮
૯૧	/GHARAT SANJIVANI RAGHUNATH	184081	૬૫
૯૨	/GHARAT UJWALA MARUTI	184082	૪૫
૯૩	GHARAT VISHAL NAMDEV	184083	૮૯
૯૪	/KAMADI SHAKUNTALA DATTU	181195	૮૫
૯૫	KAMADI VIKRAM NARESH	181196	૬૩
૯૬	KAMBLE ROHAN SUNIL	181197	૬૬
૯૭	KANKOSHE NAVNATH ASHOK	181198	૭૪
૯૮	TARMALE VISHAL DASRATH	187042	૭૧
૯૯	CHAUDHARI SURAJ MARUTI	187043	૮૧
૧૦૦	SHAIKH SAJID KADIR	187044	૮૭

[Handwritten signature]



[Handwritten signature]
PRINCIPAL
 Jeevandeep Shaikshnik Sanstha's
 Arts, Commerce & Science College, Khardi
 Tal. Shahapur, Dist. Thane-421 601



Jeevandeep Shaikshnik Sanstha
Arts ,Commerce & Science College ,Khardi

Tal. Shahapur Dist. Thane
(Affiliated to Mumbai University)

Activity Report

1. Nature of Activity : Short Term Course
2. Topic /Subject of the Activity : Phonetics : 30 Hours
3. Objective for conducting the activity Guides in decoding the sound To Spell words Correctly
4. Methodology Lecture + oral + written
5. Department / Committee English
6. Coordinator Name Asst. Prof. Reshma Ghodvinde
7. Date 1st August 2018 to 20th Aug. 2018 Time 9.30 am
8. Venue : Seminar Hall
9. Outcome
10. Description of Activity (Separate Sheet Attach)
11. Proofs attached : 1. letters 2. Student list of participation 3. Certificate
4. Document 5. Photos 6. News 7. Any other
12. Coordinator Sing @ghodvinde



[Signature]

Principal

Jeevandeep Shaikshnik Sanstha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

Syllabus: *Phonetics*

I. Setting the stage:

1. The role of sounds in communication
2. The domain of phonetics
3. Major branches of phonetics: articulatory, acoustic and auditory phonetics

II. Physiology and anatomy of speech production:

1. Phases of speech
2. Speech organs and their functions

III. Classification and description of speech sounds:

1. Distinction between consonants and vowels
2. Description of consonants
3. Description of vowels
4. Semivowels
5. Diphthongs and trip thongs

IV. The syllable:

1. Notion of the syllable, notions of Varna and Akshara in Indian tradition
2. Obligatory component of the syllable: the peak
3. Form/ structure of a syllable

V. Phonology: Introduction

1. Relation of Phonetics and Phonology
2. Notion of a phoneme: distinctiveness, phoneme-phone-allophone, archiphoneme

VI. Morphophonemics:

1. Interaction of phonology and morphology: the notion of a morpho-phoneme
2. Morphophonemic alternations
3. Morphophonological processes



A handwritten signature in blue ink, appearing to read "Jeevandeep".

Principal

Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601:



**Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE,
KHARDI**

TALUKA – SHAHAPUR, DIST-THANE, STATE - MAHARASHTRA

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WEBSITE - www.jeevandeepkhardi.com

**DEPARMENT OF INFORMATION TECHNOLOGY
CAREER ORIENTED SHORT TERM /CERTIFICATE
COURSE IN**

Mobile Computing

YEAR 2018-2019



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE& SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Short term course- Mobile Computing

Board of studies-2018-2019

Sr.No	Designation	Name of the person
1	Chairman	Shri . Ravindrda Ghodvinde
2	Principal	Asst.Prof .K. R. Kalkate(head of Marathi dept.)
3	member	ASST.PROF.Mr. Siddhesh Dnyandev Rathod (head of IT Department)
4	member	ASST.PROF. Bhagyashree Balasaheb Pawar
5	member	ASST.PROF. Mrs.Pushpa Sabale
6	member	ASST.PROF. Miss Sneha A. Madke

Minutes of meeting

Board of Studies meeting of the Short Term Course / Certificate in Mobile Computing was conducted on 02.july.2018 to 31.july.2018 at 12.00 pm in the offline meeting in meeting room .Above members were present in the meeting .

Following Points are discussed in this meeting .

1. Syllabus formation of Mobile Computing short term course.
2. Dissemination of work.
3. Fee structure
4. Encouragement of Student
5. Place : JSSP College Khardi

Date:



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course- Mobile Computing

Time Table 2018-19

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12.00to 2.00	lecture	lecture	lecture	Practical	Practical	Practical

Faculty . ASST.PROF.Mr. Siddhesh Dnyandev Rathod (head of IT Department)

ASST.PROF. Bhagyashree Balasaheb Pawar

ASST.PROF. Mrs.Pushpa Sabale

ASST.PROF. Miss Sneha A. Madke



Short term /Certificate Course in Mobile Computing

1. Introduction:

The purpose of this course is to understand the concept of mobile computing paradigm, novel applications, limitations and also to impart knowledge on the typical mobile networking Infrastructure through a popular GSM protocol. It also helps the students to get exposed to Ad-Hoc Networks and gain knowledge about different mobile platforms and application development.

2. Course Objectives:

- ▶ To understand the basic concepts of mobile computing.
- ▶ To learn the basics of mobile telecommunication system
- ▶ . To be familiar with the network layer protocols and Ad-Hoc networks.
- ▶ To know the basis of transport and application layer protocols.
- ▶ To gain knowledge about different mobile platforms and application developmen

Course Outcomes:

1. Infer knowledge about mobile communications and its services. Understand
2. Identifying several communication access techniques.
3. Analyze Illustrate technical format, addressing and transmission strategies of packets Apply
4. Determine the functionality of MAC, Network layer and Identifying a routing protocol for given Adhoc Networks Evaluate
5. Perceive knowledge about TCP and failure recovery method Evaluate
6. Identify and solve database issues using hoarding techniques Analyze



3. Details about Structure\Pattern of Syllabus:

- ▶ **Title of the course** : Short Term Course in mobile Computing.
- ▶ **Course Code** :
- ▶ **Duration of the Course**: 15 days (30 hours)

- ▶ **Name of the Faculty** : Science
(Information Technology)

- ▶ **Medium of instructions :**

- ▶ **Eligibility/for admission** English

Candidate should pass the higher secondary board or Equivalent with English as one of the subject.

- ▶ **Intake Capacity**

150 Students for the course

The complete structure will be as follows.



Certificate course in Mobile Computing

course	Theory & practical	credits	Total Marks
U1	Introduction to Mobile Computing	01+01	20
U2	Introduction to Cellular Systems	01+01	20
U3	Mobile IP	01+01	20
U4	Mobile TCP- WAP	01+01	20
U5	Mobile Device Operating Systems	01+01	20
	TOTOL	10	100

Pattern of Examination:

Evaluation:

Examination will be held at The do the course.

Standard of passing : Minimum 40%.

Pattern of Question paper: Theory Paper 50 Marks

Q.1 Attempt any one 10Marks

Q.2 Attempt anyone 10Marks

Q.3 Attempt any one 10Marks

Q.4 Attempt any one 10Marks

Q.5 Attempt any one 10Marks

Practical Examination 50 Marks

Q. Write A Short Programme

on Given Topic. 40M Oral Exam 10M



1. Infrastructure Available:

- a) ICT enabled Classroom
- b) Availability OF laboratory

2. Teaching Faculty:

Sr. No.	Name of the Faculty	Qualification	Experience
1	ASST.PROF.Mr. Siddhesh Dnyandev Rathod (head of IT Department)	MCA	6 YEAR
2	ASST.PROF. Bhagyashree Balasaheb Pawar	MSc IT, MCA	1 YEAR
3	ASST.PROF. Mrs.Pushpa Sabale	BE(ETC)	1 YEAR
4	ASST.PROF. Miss Sneha A. Madke	BE (COMP)	2 YEAR



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ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course- Mobile Computing

(PROGRAMME SYLLABUS)

Mobile Computing Syllabus

Unit – I

Introduction:

Mobile Communications,

Mobile Computing – Paradigm,

Promises/Novel Applications and Impediments and Architecture,

Mobile and Handheld Devices,

Limitations of Mobile and Handheld Devices.

GSM – Services, System Architecture,

Radio Interfaces, Protocols,

Localization, Calling, Handover

, Security, New Data Services, GPRS.

Unit – II

(Wireless) Medium Access Control (MAC):

Motivation for a specialized MAC (Hidden and exposed terminals,

Near and far terminals),



SDMA, FDMA, TDMA, CDMA,

Wireless LAN/(IEEE 802.11)

Unit – III

Mobile Network Layer:

IP and Mobile IP Network Layers,

Packet Delivery and Handover Management,

Location Management,

Registration,

Tunneling and Encapsulation,

Route Optimization, DHCP.

Unit – IV

Mobile Transport Layer:

Conventional TCP/IP Protocols,

Indirect TCP,

Snooping TCP,

Mobile TCP,

Other Transport Layer Protocols for Mobile Networks.

Database Issues:

Database Hoarding & Caching Techniques,

Client-Server Computing & Adaptation,

Transactional Models,

Query processing,

Data Recovery Process & QoS Issues.

Unit – V

Data Dissemination and Synchronization:



Communications Asymmetry,

Classification of Data Delivery Mechanisms,

Data Dissemination,

Broadcast Models,

Selective Tuning and Indexing Methods,

Data Synchronization –

Introduction, Software, and Protocols.

Unit – VI

Mobile Ad hoc Networks (MANETs):

Introduction,

Applications & Challenges of a MANET,

Routing,

Classification of Routing Algorithms

, Algorithms such as DSR, AODV, DSDV,

. , Mobile Agents,

Service Discovery.

Protocols and Platforms for Mobile Computing:

WAP, Bluetooth,

XML, J2ME, Java Card, PalmOS,

Windows CE, SymbianOS, Linux for Mobile Devices, Android.

UNIT V - MOBILE PLATFORMS AND APPLICATIONS

Mobile Device Operating Systems –

Special Constraints & Requirements –

Commercial Mobile Operating Systems –



Software Development Kit: iOS,

Android, BlackBerry,

Windows Phone – MCommerce – Structure – Pros & Cons – Mobile Payment System – Security Issues

- Jochen Schiller, "Mobile Communications", Addison-Wesley, Second Edition, 2009.
- Raj Kamal, "Mobile Computing", Oxford University Press, 2007, ISBN: 0195686772
- ASOKE K TALUKDER, HASAN AHMED, ROOPA R YAVAGAL, "Mobile Computing, Technology Applications and Service Creation" Second Edition, McGraw Hill.
- UWE Hansmann, Lothar Merk, Martin S. Nicklaus, Thomas Stober, "Principles of Mobile Computing," Second Edition, Springer.
- "GENESIS: Personal Communication Device". GENESIS 191A321 Document, 1993.
- "Intelligent Vehicle Highway Systems Projects". Department of Transportation, Minnesota Document, March 1994.
- "Intelligent Transportation Systems Projects". Department of Transportation, Minnesota Document, January 1995.
- J. Arlook and Randall Jones. "Tracking IVHS: Where It is and Where It is Going". In Geo-Information Systems^ November/December 1993.
- D. Barbara and T. Imielinski. "Sleepers and Workaholics: Caching Strategies in Mobile Environments". In Proc. of SIGMOD Conference on Management of Data, pages 1-12. ACM, 1994.



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course- Mobile Computing

Board of studies-2018-2019

Date: 21/07/2018

Mobile Computing (Short Term Course) Theory

Examination - JULY-2018 TimeTable

Sr. No.	Day/Date	Time	Seat No.	Total Students
1	25/7/2018	12.00 to 2.00 pm	183201-183236 186201-186240	75

Instructions:

1. The candidate should be present at least 15 min. before the start of theory examination. Candidate coming late may not be examined.
2. Candidate should bring their college id entity card.
3. Use of mobile phones and other electronic gazettes are strictly prohibited in the examination hall.



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course- Mobile Computing

Board of studies-2018-2019

Date: 28/07/2018

Mobile Computing (Short Term Course) Practical

Examination JULY 2018 TimeTable

Sr. No.	Day/Date	Time	Seat No.	Total Students
1	30/7/2018	12.00 to 2.00 pm	183201-183236 186201-186240	75

Instructions:

1. The candidate should be present at least 15 min. before the start of the theory examination. Candidate coming late may not be examined.
2. Candidate should bring their college id entity card.
3. Use of mobile phones and other electronic gazettes are strictly prohibited in the examination hall.



Jeevandeep Shaikshanik Sanstha's

Arts, Commerce and Science College, Khardi.2018-19

Department information Technology

Short term Course - Mobile Computing

Subject MOBILE COMPUTING

Marks= 50

Time= 1 hour

Attempt any 25 question only .

1. It is defined as the process of transferring a call (or data transfer) in progress from one channel to another channel.

- (a) Handover
- (b) Handoff
- (c) Roaming
- (d) Both (a) and (b)

Ans. _____

2. In this type of handover, the handover occurs between different cells but within the reach of the same BSC.

- (a) Intra-cell handover
- (b) Inter-cell, intra-BSC handover
- (c) Inter-BSC, intra-MSC handover
- (d) Inter MSC handover

Ans. _____

3. ____ effect is the repeated handover between two base stations.

Ans. _____

4. High-Speed Circuit Switched Data (HSCSD) uses connection-oriented traffic channels. (True/False)

Ans. _____

5. In High-Speed Circuit Switched Data (HSCSD) several TDMA slots are allotted within a TDMA frame to bundle the ____ channels.

Ans. _____

6. For n channels, HSCSD requires n times signaling during handover, connection setup, and release. (True/False)

Ans. _____

7. General Packet Radio Service (GPRS) technology exhibits traffic patterns in ____ mode.

Ans. _____

8. Depending on the coding, a transfer rate up to ____ kbit/s is possible in GPRS.

Ans. _____

9. In GPRS quality of service, the Reliability class ____ could be used if applications exhibit greater error tolerance.

Ans. _____



10. The function of Gateway GPRS Support Node (GGSN) is to connect ___ network with the external packet data networks (PDN).

Ans. _____

11. The function of the GPRS register (GR) is to store all GPRS-relevant data. (True/False)

v

12. MS gets attached to the GPRS network by assigning a temporal identifier, called a ____, and a ____ for data encryption.

Ans. _____

13. This protocol is used to adapt to the different characteristics of the underlying networks between an SGSN and the MS.

(a) Sub Network Dependent Convergence Protocol (SNDTCP)

(b) Base Station Subsystem GPRS Protocol (BSSGP)

(c) Radio Link Protocol (RLC)

(d) GPRS Tunnelling Protocol (GTP).

Ans. _____

14. All MSs are assigned private IP addresses which are then translated into ___ addresses at the GGSN.

Ans. _____

15. These services of GSM permit transparent and non-transparent, synchronous or asynchronous data transmission.

(a) Bearer services

(b) Teleservices

(c) Supplementary services

(d) None of the above

Ans. (a) Bearer services

16. As the logical channels are all associated with user traffic, the multi-frame is called ___ multi-frame.

Ans. _____

17. This layer of protocol architecture for signalling handles all radio-specific functions.

(a) The physical layer or layer 1

(b) LAPD or the Layer 2

(c) Call management (CM) layer

(d) Mobility management (MM) layer

Ans. _____

18. The main tasks of ___ are the setup, maintenance, and release of radio channels.

Ans. _____

19. Temporary Mobile Subscriber Identity (TMSI) replaces the ___ and hides the real identity of an MS user over the air interface.

Ans. _____



20. Changing VLRs with uninterrupted availability of all services is also called ____.

Ans. _____

21. The MSISDN follows the ITU-T standard and consists of: the country code (CC), ____, and ____.

Ans. _____

22. Mobile Terminated Call (MTC) is a situation in which a station calls a mobile station. (True/False)

Ans. _____

23. A Mobile Station (MS) is connected to the GSM-PLMN via the ____ interface.

Ans. _____

24. The access network domain contains the ____.

Ans. _____

25. The direct sequence (DS) CDMA technology spreads the signal and can separate different users by the use of a unique ____ sequence.

Ans. _____

26. UMTS uses a constant chipping rate of ____ Mchip/s.

Ans. _____

27. How many chips do the radio frame structure of UTRA-FDD consist of?

(a) 38,400

(b) 64,000

(c) 512

(d) 1024

Ans. _____

28. In the UTRA TDD (TD-CDMA) frame structure 15 slots with ____ chips per slot form a radio frame with a duration of 10 ms.

Ans. _____

29. A node B connects to one or more antennas creating one or more cells that can either use FDD or TDD or both. (True/False)

Ans. _____

30. The CSD connects to the RNS via a part of the IU interface called ____.

Ans. _____

31. Which tunneling protocol is used to encapsulate all packets (e.g., IP, PPP) destined for the UE?

(a) GPRS Tunnelling Protocol (GTP)

(b) UMTS Tunnelling Protocol

(c) RNS Tunnelling Protocol

(d) Packet Data Convergence Protocol (PDCP)

Ans. _____



32. All inter-system handovers in UMTS are ____ handovers.

Ans. _____

33. Soft handover in UMTS is available only in the ____ mode.

Ans. _____

34. This type of handover occurs when UE moves between different node B's of the same RNC.

- (a) intra-node B, intra-RNC
- (b) Inter-node B, intra-RNC
- (c) Inter-MSC
- (d) Inter-system

Ans. _____

35. A data rate of ____ kbit/s per time slot is available in EDGE.

Ans. _____

36. The UMTS system is compatible with GSM, ATM, IP, and ISDN-based networks.
(True/False)

Ans. _____



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ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Short term course- Mobile Computing

Board of studies-2018-2019

PRATICAL SHEET

1. Installation of Android studio.

2 Development Of Hello World Application

3 Create an application that takes the name from a text box and shows hello message along with the name entered in text box, when the user clicks the OK button

4 Create a screen that has input boxes for User Name, Password, Address, Gender (radio buttons for male and female), Age (numeric), Date of Birth (Date Picket), State (Spinner) and a Submit button. On clicking the submit button, print all the data below the Submit Button (use any layout)

5 Design an android application to create page using Intent and one Button and pass the Values from one Activity to second Activity

6 Design an android application Send SMS using Intent

7 Create an android application using Fragments

8 Design an android application Using Radio buttons

9 Design an android application for menu.

10 Create a user registration application that stores the user details in a database table.



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ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course- Mobile Computing

Board of studies-2018-19 THEORY MARKS SHEET

SR.NO	STUDENT NAME	ROLL NO	Marks 50
1	BALKHANDE RAJRATNA SONAJI	183201	24
2	BHERE RESHMA EKNATH	183202	29
3	BHERE RUSHIKESH VITTHAL	183203	35
4	BHOIR MAYURI KONDU	183204	27
5	BHOIR SANKET SANTOSH	183205	26
6	CHAUDHARI AJIT GURUNATH	183206	35
7	DAMSE DHANANJAY VINAYAK	183207	41
8	GHOTE AKSHADA BHALCHANDRA	183208	36
9	GILANDE VINAYAK KALU	183209	29
10	GODE NARAYAN RAMDAS	183210	35
11	GOLE MANALI VINOD	183211	26
12	HUSSAIN JUBAIDKHAN ASHRAF	183212	34
13	KHANDAGALEAPURVA BHAGAVAN	183213	31
14	KIRPAN POOJA RAMESH	183214	26
15	MHASAL SUNIL DEVIDAS	183215	29
16	NICHITE NIKHIL SUNIL	183216	28
17	NICHITE SAGAR BHAU	183217	31
18	PALEKAR VISHAL YASHWANT	183218	30
19	PASHTTE PRATIK PRAVIN	183219	34
20	RATHOD PRATIK VINOD	183220	21
21	SAGBHOR BHAGWAN SHANKAR	183221	26
22	SHINDE PRIYANKA CHINTAMAN	183222	40
23	THORAT ABHIJEET SHASHIKANT	183223	29
24	UBALE KAPIL PRAKASH	183224	32
25	UBALE NITESH MUKUND	183225	40
26	VISHE VRUSHABH CHANDRAKANT	183226	26
27	YADAV MADHURI GANESH	183227	35
28	DINGORE ANIKET ASHOK	183228	41
29	CHAUDHARI DILIP TUKARAM	183229	36
30	PATHAN ANAM ASLAM	183230	29
31	GOLHAIT TATHAGAT MILIND	183231	35
32	SHAIKH SAJID KHALID	183232	26
33	DHANDE BHUSHAN LAXMAN	183233	34



34	GAWAI ATUL KUNDLIK	183234	31
35	LAD DAMINI HARISH	183235	26
36	SONAWANE GAURAV VISHWANATH	183236	29
37	BASHINGE HEMANT PRAKASH	186201	28
38	BHAGAT AKASH CHHAGAN	186202	31
39	BHAGDE VIJAY PRABHAKAR	186203	30
40	/BHANGARE SANTOSHI VISHNU	186204	34
41	BHASKAR ANIKET YASHWANT	186205	21
42	/BONDRE VANITA VIJAY	186206	26
43	BURHADE MANGESH VIKRANT	186207	40
44	CHAVRE SANCHIT NAVNATH	186208	29
45	DANGAT TEJAS SHRIDHAR	186209	32
46	DHAMNE AKSHAY RAGHUNATH	186210	31
47	FARDE DURWESH NAMDEV	186211	30
48	GAWALI ATUL BHARAT	186212	34
49	GORALE DIPAK DASHARATH	186214	21
50	GUJAR PRATHAMESH VIKAS	186215	26
51	/JADHAV SONALI YASHWANT	186216	40
52	JAKHERE RAKESH SONALI	186217	29
53	KADAV VINOD PANDHARINATH	186218	32
54	LOBHI RAVINDRA KALURAM	186219	26
55	LOKHANDE SUNIL BHAURAO	186220	22
56	MONDHULA KALPESH NAMDEV	186221	31
57	PATIL SHUBHAM SANGRAM	186222	30
58	PATOLE VISHWAS PANDHARINATH	186223	34
59	RATHOD AMOL UDAYSINGH	186224	21
60	SABALE ANIKET NAMDEV	186225	32
61	SAWANT PRATHAMESH RAVIKANT	186226	31
62	TITKARE PRASHANT JAYWANT	186227	30
63	UBALE JAYESH ARUN	186228	34
64	SOGIR SUMIT ANIL	186229	32
65	WATEKAR AKSHAY SUNIL	186230	31
66	ADWALE JAGDISH BHAGWAN	186231	30
67	SHIROLE BHUSHAN SURESH	186232	34
68	BHOIR SAMEER BHARAT	186233	21
69	WARAVATE SAGAR PANDURANG	186234	26
70	BHANGARE KRUSHANA VILAS	186235	40
71	BHOIR VAIBHAV GANESH	186236	29
72	/THAKUR PRAJAKTA BAJIRAV	186237	32
73	/CHAVAN VINAYA JAYANT	186238	31
74	KHAIRNAR SHASHIKANT HANSRAJ	186239	30
75	THAKARE ABHISHEK BALIRAM	186240	34



ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course- Mobile Computing

Board of studies-2018-19 PRATICALS MARKS SHEET

SR.NO	STUDENT NAME	ROLL NO	PRATICAL 40	ORAL 10	Total 50
1	BALKHANDE RAJRATNA SONAJI	183201	20	5	25
2	BHERE RESHMA EKNATH	183202	24	6	30
3	BHERE RUSHIKESH VITTHAL	183203	30	7	37
4	BHOIR MAYURI KONDU	183204	32	6	38
5	BHOIR SANKET SANTOSH	183205	31	4	35
6	CHAUDHARI AJIT GURUNATH	183206	30	8	38
7	DAMSE DHANANJAY VINAYAK	183207	34	5	39
8	GHOTE AKSHADA BHALCHANDRA	183208	21	6	27
9	GILANDE VINAYAK KALU	183209	26	4	30
10	GODE NARAYAN RAMDAS	183210	40	6	46
11	GOLE MANALI VINOD	183211	29	8	37
12	HUSSAIN JUBAIDKHAN ASHRAF	183212	32	6	38
13	KHANDAGALEAPURVA BHAGAVAN	183213	31	6	37
14	KIRPAN POOJA RAMESH	183214	22	5	27
15	MHASAL SUNIL DEVIDAS	183215	32	6	38
16	NICHITE NIKHIL SUNIL	183216	31	7	38
17	NICHITE SAGAR BHAU	183217	30	6	36
18	PALEKAR VISHAL YASHWANT	183218	34	4	38
19	PASHTE PRATIK PRAVIN	183219	21	8	29
20	RATHOD PRATIK VINOD	183220	26	5	31
21	SAGBHOR BHAGWAN SHANKAR	183221	40	6	46
22	SHINDE PRIYANKA CHINTAMAN	183222	29	4	33
23	THORAT ABHIJEET SHASHIKANT	183223	32	6	38



24	UBALE KAPIL PRAKASH	183224	31	8	39
25	UBALE NITESH MUKUND	183225	30	6	36
26	VISHE VRUSHABH CHANDRAKANT	183226	31	6	37
27	YADAV MADHURI GANESH	183227	30	5	35
28	DINGORE ANIKET ASHOK	183228	34	6	40
29	CHAUDHARI DILIP TUKARAM	183229	21	7	28
30	PATHAN ANAM ASLAM	183230	26	6	32
31	GOLHAIT TATHAGAT MILIND	183231	40	4	44
32	SHAIKH SAJID KHALID	183232	29	8	37
33	DHANDE BHUSHAN LAXMAN	183233	32	5	37
34	GAWAI ATUL KUNDLIK	183234	22	8	30
35	LAD DAMINI HARISH	183235	19	7	26
36	SONAWANE GAURAV VISHWANATH	183236	25	5	30
37	BASHINGE HEMANT PRAKASH	186201	30	5	35
38	BHAGAT AKASH CHHAGAN	186202	32	7	39
39	BHAGDE VIJAY PRABHAKAR	186203	31	8	39
40	/BHANGARE SANTOSHI VISHNU	186204	30	4	34
41	BHASKAR ANIKET YASHWANT	186205	34	6	40
42	/BONDRE VANITA VIJAY	186206	21	5	26
43	BURHADE MANGESH VIKRANT	186207	26	6	32
44	CHAVRE SANCHIT NAVNATH	186208	40	7	47
45	DANGAT TEJAS SHRIDHAR	186209	29	6	35
46	DHAMNE AKSHAY RAGHUNATH	186210	31	4	35
47	FARDE DURWESH NAMDEV	186211	25	8	33
48	GAWALI ATUL BHARAT	186212	31	5	36
49	GORALE DIPAK DASHARATH	186214	22	6	28
50	GUJAR PRATHAMESH VIKAS	186215	26	4	30
51	/JADHAV SONALI YASHWANT	186216	32	5	37
52	JAKHERE RAKESH SONALI	186217	31	6	37
53	KADAV VINOD PANDHARINATH	186218	30		37
54	LOBHI RAVINDRA KALURAM	186219	34		40



55	LOKHANDE SUNIL BHAURAO	186220	21	4	25
56	MONDHULA KALPESH NAMDEV	186221	26	8	34
57	PATIL SHUBHAM SANGRAM	186222	40	5	45
58	PATOLE VISHWAS PANDHARINATH	186223	29	4	33
59	RATHOD AMOL UDAYSINGH	186224	31	6	37
60	SABALE ANIKET NAMDEV	186225	20	7	27
61	SAWANT PRATHAMESH RAVIKANT	186226	32	6	38
62	TITKARE PRASHANT JAYWANT	186227	31	7	38
63	UBALE JAYESH ARUN	186228	30	5	35
64	SOGIR SUMIT ANIL	186229	34	6	40
65	WATEKAR AKSHAY SUNIL	186230	21	7	28
66	ADWALE JAGDISH BHAGWAN	186231	26	6	32
67	SHIROLE BHUSHAN SURESH	186232	31	4	35
68	BHOIR SAMEER BHARAT	186233	25	8	33
69	WARAVATE SAGAR PANDURANG	186234	36	5	41
70	BHANGARE KRUSHANA VILAS	186235	20	6	26
71	BHOIR VAIBHAV GANESH	186236	32	4	36
72	/THAKUR PRAJAKTA BAJIRAV	186237	31	6	37
73	/CHAVAN VINAYA JAYANT	186238	30	8	38
74	KHAIRNAR SHASHIKANT HANSRAJ	186239	34	6	40
75	THAKARE ABHISHEK BALIRAM	186240	21	5	26



Principal
Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.



Jeevandeep Shaikshanik Sanstha's

**ART'S, COMMERCE& SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA**
Short term course- Mobile Computing

Board of studies-2018-19

SR.NO	STUDENT NAME	ROLL NO	Theory	practicals	Total
1	BALKHANDE RAJRATNA SONAJI	183201	24	25	49
2	BHERE RESHMA EKNATH	183202	29	30	59
3	BHERE RUSHIKESH VITTHAL	183203	35	37	72
4	BHOIR MAYURI KONDU	183204	27	38	65
5	BHOIR SANKET SANTOSH	183205	26	35	61
6	CHAUDHARI AJIT GURUNATH	183206	35	38	73
7	DAMSE DHANANJAY VINAYAK	183207	41	39	80
8	GHOTE AKSHADA BHALCHANDRA	183208	36	27	63
9	GILANDE VINAYAK KALU	183209	29	30	59
10	GODE NARAYAN RAMDAS	183210	35	46	81
11	GOLE MANALI VINOD	183211	26	37	63
12	HUSSAIN JUBAIDKHAN ASHRAF	183212	34	38	72
13	KHANDAGALEAPURVA BHAGAVAN	183213	31	37	68
14	KIRPAN POOJA RAMESH	183214	26	27	53
15	MHASAL SUNIL DEVIDAS	183215	29	38	67
16	NICHITE NIKHIL SUNIL	183216	28	38	66
17	NICHITE SAGAR BHAU	183217	31	36	67
18	PALEKAR VISHAL YASHWANT	183218	30	38	68
19	PASHTE PRATIK PRAVIN	183219	34	29	63
20	RATHOD PRATIK VINOD	183220	21	31	52
21	SAGBHOR BHAGWAN SHANKAR	183221	26	46	72
22	SHINDE PRIYANKA CHINTAMAN	183222	40	33	73
23	THORAT ABHIJEET SHASHIKANT	183223	29	38	67
24	UBALE KAPIL PRAKASH	183224	32	39	71

25	UBALE NITESH MUKUND	183225	40	36	76
26	VISHE VRUSHABH CHANDRAKANT	183226	26	37	63
27	YADAV MADHURI GANESH	183227	35	35	70
28	DINGORE ANIKET ASHOK	183228	41	40	81
29	CHAUDHARI DILIP TUKARAM	183229	36	28	64
30	PATHAN ANAM ASLAM	183230	29	32	61
31	GOLHAIT TATHAGAT MILIND	183231	35	44	79
32	SHAIKH SAJID KHALID	183232	26	37	63
33	DHANDE BHUSHAN LAXMAN	183233	34	37	71
34	GAWAI ATUL KUNDLIK	183234	31	30	61
35	LAD DAMINI HARISH	183235	26	26	52
36	SONAWANE GAURAV VISHWANATH	183236	29	30	59
37	BASHINGE HEMANT PRAKASH	186201	28	35	63
38	BHAGAT AKASH CHHAGAN	186202	31	39	70
39	BHAGDE VIJAY PRABHAKAR	186203	30	39	69
40	/BHANGARE SANTOSHI VISHNU	186204	34	34	68
41	BHASKAR ANIKET YASHWANT	186205	21	40	61
42	/BONDRE VANITA VIJAY	186206	26	26	52
43	BURHADE MANGESH VIKRANT	186207	40	32	72
44	CHAVRE SANCHIT NAVNATH	186208	29	47	76
45	DANGAT TEJAS SHRIDHAR	186209	32	35	67
46	DHAMNE AKSHAY RAGHUNATH	186210	31	35	66
47	FARDE DURWESH NAMDEV	186211	30	33	63
48	GAWALI ATUL BHARAT	186212	34	36	70
49	GORALE DIPAK DASHARATH	186214	21	28	49
50	GUJAR PRATHAMESH VIKAS	186215	26	30	56
51	/JADHAV SONALI YASHWANT	186216	40	37	77
52	JAKHERE RAKESH SONALI	186217	29	37	66
53	KADAV VINOD PANDHARINATH	186218	32	37	69
54	LOBHI RAVINDRA KALURAM	186219	26	40	66
55	LOKHANDE SUNIL BHAURAO	186220	22	25	47

56	MONDHULA KALPESH NAMDEV	186221	31	34	65
57	PATIL SHUBHAM SANGRAM	186222	30	45	75
58	PATOLE VISHWAS PANDHARINATH	186223	34	33	67
59	RATHOD AMOL UDAYSINGH	186224	21	37	58
60	SABALE ANIKET NAMDEV	186225	32	27	59
61	SAWANT PRATHAMESH RAVIKANT	186226	31	38	69
62	TITKARE PRASHANT JAYWANT	186227	30	38	68
63	UBALE JAYESH ARUN	186228	34	35	69
64	SOGIR SUMIT ANIL	186229	32	40	72
65	WATEKAR AKSHAY SUNIL	186230	31	28	59
66	ADWALE JAGDISH BHAGWAN	186231	30	32	62
67	SHIROLE BHUSHAN SURESH	186232	34	35	69
68	BHOIR SAMEER BHARAT	186233	21	33	54
69	WARAVATE SAGAR PANDURANG	186234	26	41	67
70	BHANGARE KRUSHANA VILAS	186235	40	26	66
71	BHOIR VAIBHAV GANESH	186236	29	36	65
72	/THAKUR PRAJAKTA BAJIRAV	186237	32	37	69
73	/CHAVAN VINAYA JAYANT	186238	31	38	69
74	KHAIRNAR SHASHIKANT HANSRAJ	186239	30	40	70
75	THAKARE ABHISHEK BALIRAM	186240	34	26	60





Jeevandeep Shaikshanik Sanstha's

ART'S, COMMERCE & SCIENCE COLLEGE, Khardi

TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Short term course- Mobile Computing

YEAR 2018-19

DEPARTMENT OF INFORMATION TECHNOLOGY

Report

Date : 30

The Department of Information technology JSSP College, Khardi conducted a short term course entitled "Mobile Computing". total 75 students of B.Sc (IT). were admitted in the course. The duration of course was 15 days (7/2/2018 to 16/2/2018). The course was conducted satisfactorily by the Dept. of Information Technology JSSP College , Khardi, Dist : Thane.



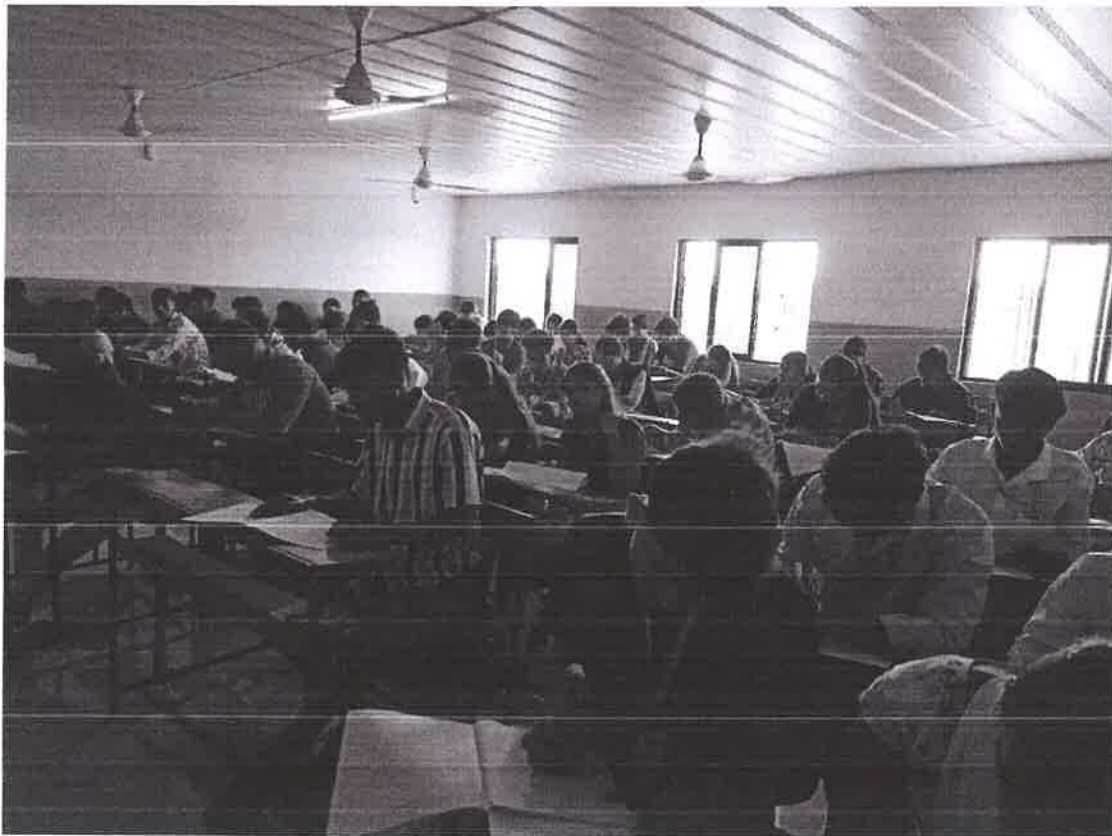
Principal

Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

JeevandeepShaikshanikSanstha's

**ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA**
Department of Information Technology

Short term course- Mobile Computing
YEAR 2018-2019





UNIVERSITY MUMBAI
Jeevandeep Shaikshanik Sanstha's ARTS, COMMERCE & SCIENCE COLLEGE,
KHARDI Tal. Shahapur, Dist. Thane
Short-term Course - Stock exchange and trading Date:- 20/08/2018

Q.1. Which of these authorities supervises India's capital markets?

- A. India's Securities and Exchange Board (SEBI). Reserve Bank of India (RBI).
- B. The Insurance Regulatory and Development Authority (IRDA).
- C. Agricultural and Ruler Development National Bank (ARDNB)

Q.2. When was the National Stock Exchange Fifty (NIFTY) founded?

- A. 1982 B. 1988 C. 1996 D. 1992

Q.3. A __ is a contract signed on a specific date between a purchaser and a seller for a trade that will be executed at a future date.

- A. Contract for the Future. B. A contract that is fixed.
- C. Forward Contract D. Contract for Derivatives

Q.4. India's __ was the country's first digitised stock exchange.

- A The National Stock Exchange (NSE). B. The Bombay Stock Exchange (BSE).
- C. Multi Commodity Exchange (MCX). D. Over-the-Counter Exchange of India

Q.5. What are the indices NIFTY and SENSEX are dependent on?

- A. Capitalisation based on free float. B. The market capitalisation of a company.
- C. Share capital that has been authorised. D. Capital that has been paid in full.

Q.6. Which of these derivatives are not exchanged on the Indian stock markets?

- A. Forward rate agreements. B. Stock futures.
- C. Futures based on indices. D. Options for indexing

Q.7. In India, which of the below alternatives is not accessible?

- A. Commodity futures B. Options for indexing
- C. Futures based on indices. D. Options on commodities.

Q.8 Which of the below statements about mutual funds in India is correct?

- A. Exit loading is not permitted. B. The entry load is permissible.
- C. In some instances, exit load is enabled. D. No entry load is permitted.



Q.9. The spot exchange rate is the rate at which two currencies are exchanged for the --.

- A. For future delivery at a specific location
- B. For delivery in the future.
- C. For instantaneous delivery.
- D. None of the above.

Q.10. Which of these exchanges permits you to exchange securities having a maturity period of less than a year? The world markets.

- A. The money market.
- B. The market for transactions.
- C. The capital market.
- D. The Share Market

Q.11 The marketplace in which instruments of securities are exchanged directly between the fundraiser and the purchaser is termed as?

- A. The primary market
- B. The tertiary market
- C. The secondary market
- D. The relative market

Q.12. The London Stock Exchange's Stock Market Index is known as

- A. Brent
- B. The Sensex
- C. Footsie (FTSE).
- D. NIFTY

Q.13. The UP-Stock Exchange is located in which of the below cities?

- A. Kanpur
- B. Bangalore
- C. Mumbai
- D. Mangalore

Q.14. Where is the National Stock Exchange headquartered?

- A. The city of Madras.
- B. Himachal Pradesh.
- C. The city of Mumbai.
- D. The city of Hyderabad.

Q.15. In the capital markets, the primary suppliers of trading instruments are ____ .

- A. Privately owned enterprises
- B. Enterprises owned by the government
- C. Enterprises that manufacture goods
- D. None of the above

Q.16. ____ is not the concern of the Securities and Exchange Board of India (SEBI).

- A. Ensure that businesses operate in an ethical manner
- B. Investor protection is crucial.
- C. Raising the earnings of the company's shareholders.
- D. Brokers Security Services'.



Q. 17. Which of these authorities supervises India's capital markets?

- A. India's Securities and Exchange Board (SEBI).
- B. Reserve Bank of India (RBI).
- C. The Insurance Regulatory and Development Authority (IRDA).
- D. Agriculture and Rural Development National Bank (NABARD).

Q.18 What is the Stock Exchange Sensitive Index (Sensex) total number of companies?

- A) 40.,
- B) 30.,
- C) 60. ,
- D) 40.

Q.19. Which of the below does not have anything to do with a stock exchange?

- A. Initial Public Offering (IPO).
- B. Net Asset Value (NAV).
- C. Knowledge Processes Outsourcing
- D. The National Stock Exchange (NSE)

Q.20. When was the National Stock Exchange Fifty (NIFTY) founded?

- A. 1982
- B. 1988
- C. 1996
- D. 1992

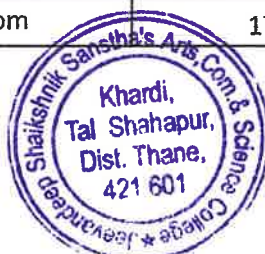


JEEVANDEEP SHAIKSHNIK SANSTHA'S
ARTS, COMMERCE AND SCEINCE COLLEGE, KHARDI
COMMERCE DEPARTMENT
EXAM (2018-19)
Short Term Course on Share Market
RESULT

SR.NO	NAME OF STUDENT	CLASS	MARKS
1	Adhikari Samiksha Santosh	F.Y.B.Com	17
2	Gharat Ganesh Anil	F.Y.B.Com	18
3	Dagale Pooja Kisan	F.Y.B.Com	18
4	Bhoir Akshay Shashikant	F.Y.B.Com	19
5	Dhasade Damini Janu	F.Y.B.Com	18
6	Pawar Simran Santosh	S.Y.B.Com	17
7	Nimse Aarti Suresh	S.Y.B.Com	18
8	Bhakare Kiran Gurunath	S.Y.B.Com	18
9	Aare Avinash Anitya	S.Y.B.Com	17
10	Ubale Akash Ravindra	S.Y.B.Com	19
11	Wage Vaibhav Arjun	T.Y.B.Com	19
12	Bhoir Deepak Suresh	T.Y.B.Com	17
13	Adhikari Sakshi Satish	T.Y.B.Com	20
14	Kathore Rohini Vishwas	T.Y.B.Com	17
15	Desale Juhi Ramesh	T.Y.B.Com	18
16	NICHITE KUNAL VIJAY	F.Y.B.Com	18
17	NICHITE RUTIK NARAYAN	F.Y.B.Com	19
18	SABLE HARSHAD RAVINDRA	F.Y.B.Com	18
19	SADGIR SANTOSH NIVRUTTI	F.Y.B.Com	17
20	SANDE SURAJ KATOD	F.Y.B.Com	17
21	SAPLE BHUSHAN SANTOSH	F.Y.B.Com	17
22	GARATE NILESH BALKRISHNA	F.Y.B.Com	18
23	KANKOSHE ADITYA SUNIL	F.Y.B.Com	18



24	BINNAR GOKUL LAXMAN	F.Y.B.Com	19
25	BINNAR PARSHURAM ANANDA	F.Y.B.Com	19
26	BINNAR POOJA PRAKASH	F.Y.B.Com	20
27	BORDAWEKAR SHREYA SUNIL	F.Y.B.Com	18
28	CHAUDHARI RUPESH TANAJI	F.Y.B.Com	17
29	CHAVHAN GUDDI DAULATRAO	F.Y.B.Com	18
30	CHAVHAN HARSHALA BHAGWAT	F.Y.B.Com	17
31	MADHE PRASHANT BHAGWAN	S.Y.B.Com	18
32	MONDHULA DATTATRAY ALO	S.Y.B.Com	17
33	MUSALE VIVEK SANTOSH	S.Y.B.Com	19
34	MUTHE CHAITANYA DATTATRAY	S.Y.B.Com	17
35	NICHITE PUSHPAK RAJARAM	S.Y.B.Com	19
36	DUBHELE UJWALA RAJARAM	S.Y.B.Com	19
37	GAIKWAD PRADNYA SACHIN	S.Y.B.Com	20
38	GARE DEEPAK MAHADU	S.Y.B.Com	19
39	GARE PINTYA TUKARAM	S.Y.B.Com	19
40	GAVALE TUSHAR DIPAK	S.Y.B.Com	18
41	GHARAT RAJIV PANDIT	S.Y.B.Com	17
42	TAYADE RAHUL SOPAN	S.Y.B.Com	18
43	PATHAN SOHIL SHABBIR	S.Y.B.Com	18
44	BHOIR SHIVAJI JAYRAM	S.Y.B.Com	18
45	SURTE DEVENDRA PRAKASH	S.Y.B.Com	18
46	TABALE VITTHAL CHANDAR	S.Y.B.Com	19
47	NIMSE SANDESH MADHUKAR	S.Y.B.Com	17
48	NIPURTE ROSHAN SAMPAT	S.Y.B.Com	17
49	PANDIT SHRIKANT RAJENDRA	S.Y.B.Com	19
50	PARDESHI SHUBHAM SATISH	S.Y.B.Com	19
51	PARDHI PURNANAND KACHARU	S.Y.B.Com	17
52	SARSAR AJAY ARJUN	S.Y.B.Com	18
53	DUBHELE RAJENDRA PUNDLIK	T.Y.B.Com	18
54	MAHAJAN VIRAJ SACHIN	T.Y.B.Com	19
55	MAHAJAN KAUSHAL SURENDRA	T.Y.B.Com	18
56	SAWANT ADITYA VIJAY	T.Y.B.Com	17
57	MOHAPE ULHAS RAJARAM	T.Y.B.Com	17



58	KHOKALE AMOL KABU	T.Y.B.Com	18
59	MALUSARE AMOL VASANT	T.Y.B.Com	19
60	MANDAVKAR YOGESH SURESH	T.Y.B.Com	17
61	MOKASHI SHUBHAM MANOHAR	T.Y.B.Com	19
62	NAMDE RUSHIKESH SANTOSH	T.Y.B.Com	20
63	NARKEDE TANMAY KASHINATH	T.Y.B.Com	17
64	NICHITE AMOL MUKUND	T.Y.B.Com	19
65	KALE RITESH RAVIKANT	T.Y.B.Com	18
66	KAROSIYA ANIKET RAJU	T.Y.B.Com	17
67	SHELAR RAVINDRA RAMESH	T.Y.B.Com	18
68	BHERE DNYANESHWAR KALURAM	T.Y.B.Com	18
69	BHERE PANKAJ CHINTAMANI	T.Y.B.Com	18
70	THORVE SIDDESH DATTATRAYA	T.Y.B.Com	18
71	PAWAR SAGAR SUSHIL	T.Y.B.Com	19
72	JADHAV ROHAN DATTARAM	T.Y.B.Com	18
73	DESALE JYOTI SHANKAR	T.Y.B.Com	17
74	SHINDE SIDDHARTH RAMESH	T.Y.B.Com	17
75	RAO SANGITA SANJAY	T.Y.B.Com	18
76	RAWAL SUMA GOVIND	T.Y.B.Com	18
77	SAKPAL KSHITIJ MILIND	T.Y.B.Com	17
78	SANDE MOHAN ANANTA	T.Y.B.Com	20
79	SAPLE BHAVNA SANJAY	T.Y.B.Com	17
80	GODE PRRMOD MARUTI	T.Y.B.Com	19



**Jeevandeep Shaikshanik Sanstha Poi's
Arts & Science & Commerce Science College, Khardi
Department of Commerce**

Academic Year - 2018-19

Report of Short Term Course - Share Market

The Department of Commerce has carried out a career oriented course entitled "Share Market" in the academic year 2018-19. Total 18 students have participated in this course. The students were taught various methods and techniques of investments and securities . The designed curriculum was completed in the stipulated time and exam was conducted to check the skills oriented by the students. All students have successfully completed this course.

Y. K. Shinde

Co- Ordinator

Y. K. Shinde

Head of Department

[Signature]

Principal

PRINCIPAL

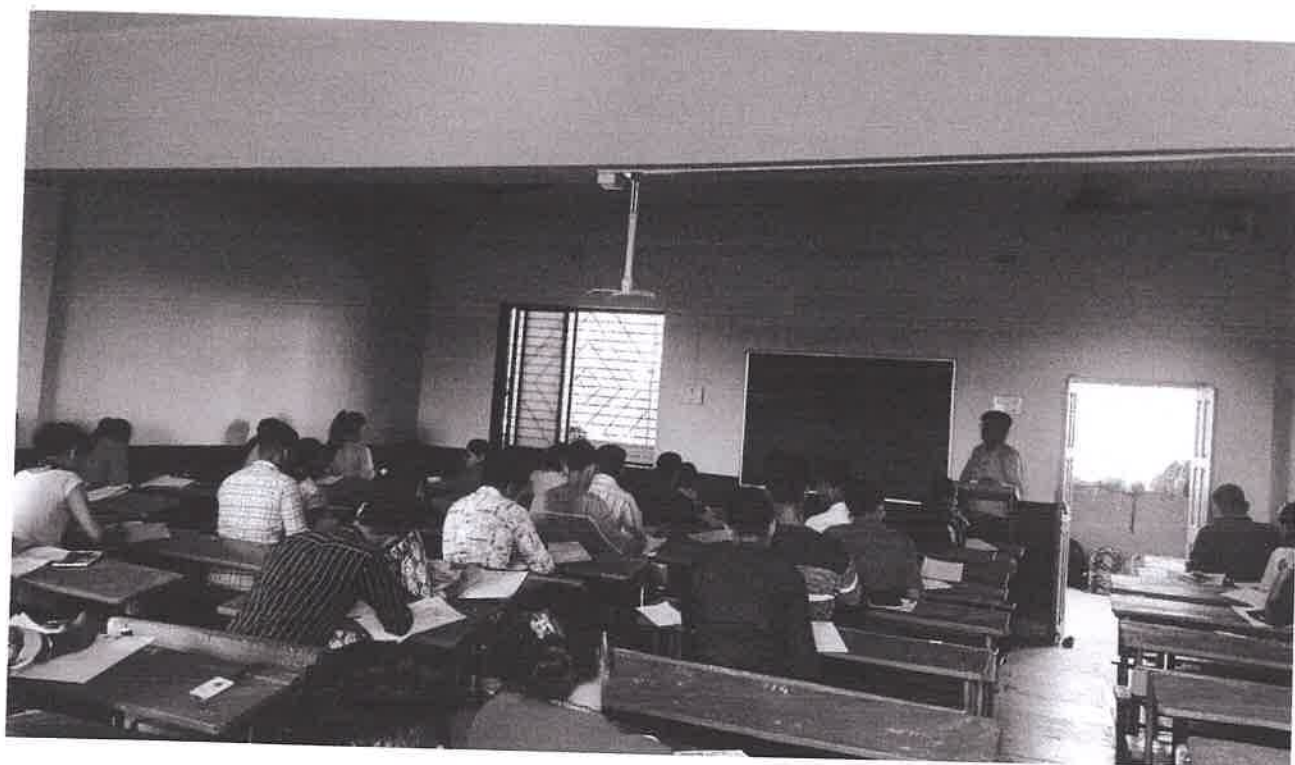
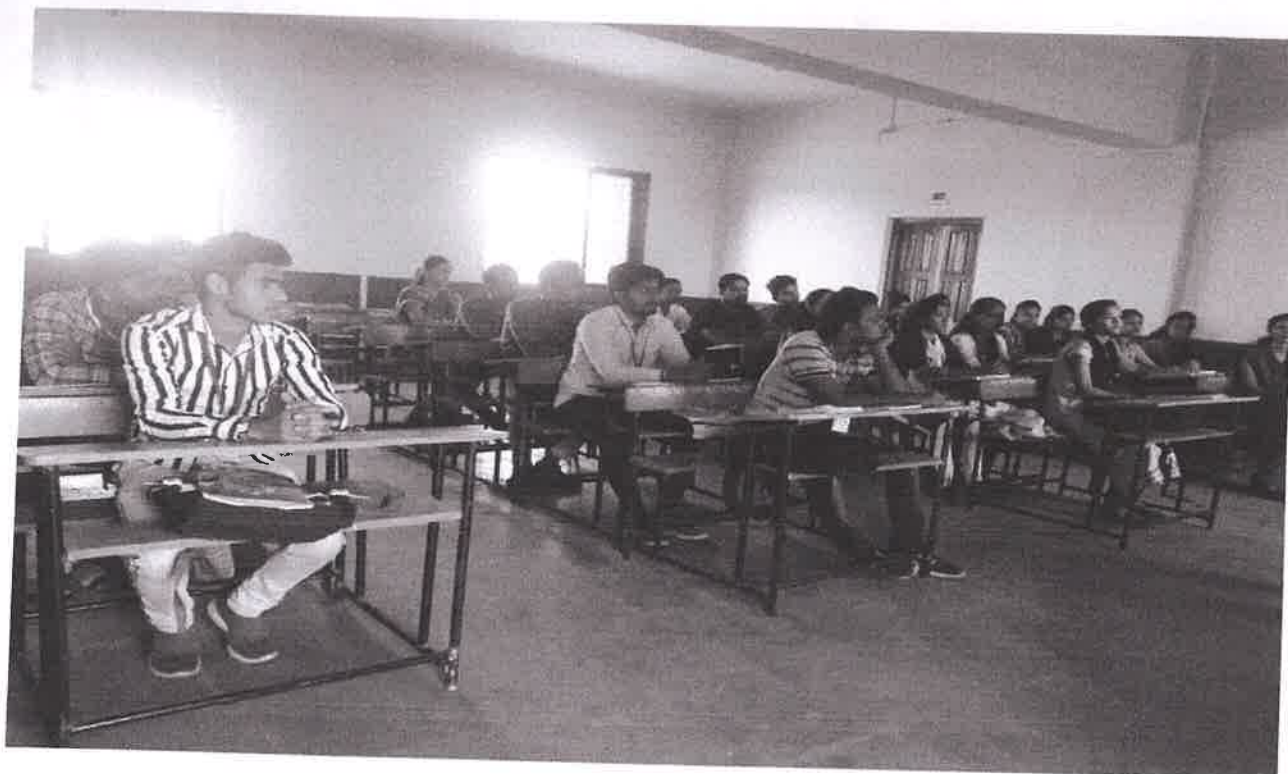
Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College, Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

Asst.Prof.Yogita Shinde Asst.Prof.Bhagyashri Bhoir

Mr. Kailash Kalkate



Short Term Course on Share Market: 25/07/2018



Jeevandeep shaikshanik santha Poi's
Arts, Commerce and Science College Khardi

Commerce Department

Short Term Course Share market

Board of Studies 2018-19

Sr No	Designation	Name of Person
1	Chairman	Prof. K.R.Kalkate (Principal)
2	Member	B.S.Bhoir (Co-ordinator and HOD of Department)
3	Member	Dr.K.B.Kore (Expert) Jssp A/C/S college Goveli
4	Member	Asst.Prof.Y.K. Shinde

Minutes of the Meeting

The Board of Studies meeting of the Short term Certificate Course in Share Market was conducted on 12-07-2018 at 01.00p.m. in the Department of Commerce. The following members were present in the meeting. Following Points are discussed in this meeting.

1. Syllabus formation of Share market short term course.
2. Dissemination of work
3. Encouragement of Student
4. Exam of short term course


Co-Ordinator

Members




Principal
Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College, Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

**JEEVANDEEP SHAIKSHNIK SANSTHA POI'S
ARTS , COMMERCE AND SCIENCE COLLEGE, KHARDI
COMMERCE DEPARTMENT**

Short-term Course-Stock Exchange and Trading

Syllabus

Sr.No.	Contents	No.ofLectures
1.	Some Basic Concepts of Corporate Finance Sources of own capital-Shares Features and types of shares Equity shares and its features Preference shares and its features Types of preference shares Distinguish between shares and debentures Distinguish between equity and preference shares	6
2.	Sources of Borrowed Capital Debentures: Meaning and types Features of debentures Acceptance of public deposit Bond: meaning and types ADR and GDR Commercial banks Financial Institutions Trade credit	6
3.	Financial Market Money Market -Meaning and features Capital Market-Meaning and features Stock Exchange -Meaning and features Functions of Stock Exchange Important term related to the stock exchange Major Stock Exchange in India-BSE,NSE,SEBI	6



4.	Software Introduction for Stock Trading How to use Kite app for online trading AMO(After Market Orders) App Overview -cover order GTT Iceberg order Product type	6
5.	Practical knowledge on Trading Chart (1 lec) Candle Types (2 lec) Trend line (2 lec) Break Out (1 lec)	6





JEEVANDEEP SHAIKSHNIK SANSTHA'S

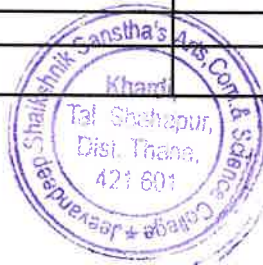
ARTS, COMMERCE AND SCIENCE COLLEGE, Khardi

COMMERCE DEPARTMENT

Student List-(2018-19)

Certificate Course: Short Term Course on Income Tax Return

SR.NO.	NAME OF STUDENT	CLASS
1	BARVE NIKITA DEEPAK	FYBCOM
2	BHERE HARSHADA RAJENDRA	FYBCOM
3	JADHAV DIVYESH NARENDRA	FYBCOM
4	JADHAV GANESH MURALIDHAR	FYBCOM
5	VISHE KALPESH DHARMA	FYBCOM
6	ADHIKARI SAKSHI SATISH	TYBCOM
7	DESALE JUHI RAMESH	TYBCOM
8	GAIKWAD AKASH SHAHU	TYBCOM
9	KATHORE ROHINI VISHWAS	TYBCOM
10	MOKASHI SHUBHAM MANOHAR	TYBCOM
11	PARDESHI KARTIK SATISH	TYBCOM
12	MOHAPE ULHAS RAJARAM	TYBCOM
13	BHERE AKASH GURUNATH	SYBCOM
14	TARMALE SONALI RAMCHANDRA	SYBCOM
15	BENKE MAHESH LAXMAN	SYBCOM
16	BHOIR KARAN PANDURANG	SYBCOM
17	DOLAS PRADIP KASHINATH	SYBCOM
18	GAIKWAD PRADNYA SACHIN	SYBCOM
19	GARATE NILESH BALKRISHNA	FYBCOM
20	KANKOSHE ADITYA SUNIL	FYBCOM
21	TUPANGE SAMADHAN MARUTI	FYBCOM
22	UBALE RAJRATNA YASHWANT	FYBCOM
23	UMBARGONDE RAKESH NAMDEV	FYBCOM
24	PADWAL AKASH SUNIL	FYBCOM
25	PADWAL HITESH NAMDEV	FYBCOM
26	BHOIR ROHIT SANTOSH	FYBCOM
27	BINNAR GOKUL LAXMAN	FYBCOM
28	BINNAR PARSHURAM ANANDA	FYBCOM
29	FARDE LALITA VISHNU	FYBCOM
30	GADEKAR BHUSHAN NANDU	FYBCOM
31	BHOR CHINMAY RAJKUMAR	SYBCOM
32	BINNAR SHANKAR BABAN	SYBCOM
33	CHAUDHARI NAVNATH LAXMAN	SYBCOM
34	CHOUDHARI BHAVESH PRAKASH	SYBCOM
35	DHANKE ABHAY TUKARAM	SYBCOM
36	DHASADE ROHINI DATTATRAY	SYBCOM
37	VEKHANDE AMOL MADHUKAR	SYBCOM



JEEVANDEEP SHAIKSHNIK SANSTHA'S
ARTS, COMMERCE AND SCEINCE COLLEGE, Khardi
COMMERCE DEPARTMENT
(2018-19)

Short Term Course on Income Tax Return
RESULT

SR.NO.	NAME OF STUDENT	CLASS	MARKS
1	BARVE NIKITA DEEPAK	FYBCOM	12
2	BHERE HARSHADA RAJENDRA	FYBCOM	18
3	JADHAV DIVYESH NARENDRA	FYBCOM	12
4	JADHAV GANESH MURALIDHAR	FYBCOM	16
5	VISHE KALPESH DHARMA	FYBCOM	11
6	ADHIKARI SAKSHI SATISH	TYBCOM	15
7	DESALE JUHI RAMESH	TYBCOM	17
8	GAIKWAD AKASH SHAHU	TYBCOM	11
9	KATHORE ROHINI VISHWAS	TYBCOM	12
10	MOKASHI SHUBHAM MANOHAR	TYBCOM	19
11	PARDESHI KARTIK SATISH	TYBCOM	14
12	MOHAPE ULHAS RAJARAM	TYBCOM	17
13	BHERE AKASH GURUNATH	SYBCOM	11
14	TARMALE SONALI RAMCHANDRA	SYBCOM	12
15	BENKE MAHESH LAXMAN	SYBCOM	11
16	BHOIR KARAN PANDURANG	SYBCOM	13
17	DOLAS PRADIP KASHINATH	SYBCOM	18
18	GAIKWAD PRADNYA SACHIN	SYBCOM	14
19	GARATE NILESH BALKRISHNA	FYBCOM	15
20	KANKOSHE ADITYA SUNIL	FYBCOM	17
21	TUPANGE SAMADHAN MARUTI	FYBCOM	15
22	UBALE RAJRATNA YASHWANT	FYBCOM	16
23	UMBARGONDE RAKESH NAMDEV	FYBCOM	17
24	PADWAL AKASH SUNIL	FYBCOM	11
25	PADWAL HITESH NAMDEV	FYBCOM	11
26	BHOIR ROHIT SANTOSH	FYBCOM	15
27	BINNAR GOKUL LAXMAN	FYBCOM	15



28	BINNAR PARSHURAM ANANDA	FYBCOM	18
29	FARDE LALITA VISHNU	FYBCOM	12
30	GADEKAR BHUSHAN NANDU	FYBCOM	11
31	BHOR CHINMAY RAJKUMAR	SYBCOM	17
32	BINNAR SHANKAR BABAN	SYBCOM	19
33	CHAUDHARI NAVNATH LAXMAN	SYBCOM	15
34	CHOUDHARI BHAVESH PRAKASH	SYBCOM	12
35	DHANKE ABHAY TUKARAM	SYBCOM	13
36	DHASADE ROHINI DATTATRAY	SYBCOM	14
37	VEKHANDE AMOL MADHUKAR	SYBCOM	18
38	WARGHADE KIRAN BALKRISHNA	SYBCOM	12
39	TAYADE RAHUL SOPAN	SYBCOM	13
40	PATHAN SOHIL SHABBIR	SYBCOM	18
41	VISHE VAIBHAV KANTILAL	SYBCOM	12
42	DAGALE GANESH KASHINATH	SYBCOM	12
43	SHELAR RAVINDRA RAMESH	TYBCOM	12
44	DESALE JYOTI SHANKAR	TYBCOM	18
45	SHINDE SIDDHARTH RAMESH	TYBCOM	14
46	DUBHELE RAJENDRA PUNDLIK	TYBCOM	17
47	MAHAJAN VIRAJ SACHIN	TYBCOM	19
48	MAHAJAN KAUSHAL SURENDRA	TYBCOM	17
49	SAWANT ADITYA VIJAY	TYBCOM	16
50	KADU UMESH RAMESH	TYBCOM	15
51	JADHAV ROHAN DATTARAM	TYBCOM	17
52	KAKAD PRIYANKA ANAND	F.Y.B.Com	16
53	BINNAR POOJA PRAKASH	F.Y.B.Com	17
54	BORDAWEKAR SHREYA SUNIL	F.Y.B.Com	17
55	CHAUDHARI RUPESH TANAJI	F.Y.B.Com	17
56	CHAVHAN GUDDI DAULATRAO	F.Y.B.Com	15
57	CHAVHAN HARSHALA BHAGWAT	F.Y.B.Com	12
58	MADHE PRASHANT BHAGWAN	S.Y.B.Com	13
59	GARE PINTYA TUKARAM	S.Y.B.Com	17
60	GAVALE TUSHAR DIPAK	S.Y.B.Com	12
61	GHARAT RAJIV PANDIT	S.Y.B.Com	11
62	MUSALE VIVEK SANTOSH	S.Y.B.Com	13
63	NIPURTE ROSHAN SAMPAT	S.Y.B.Com	15
64	PANDIT SHRIKANT RAJENDRA	S.Y.B.Com	16
65	PARDESHI SHUBHAM SATISH	S.Y.B.Com	15
66	PARDHI PURNANAND KACHARU	S.Y.B.Com	19
67	SAKPAL KSHITIJA MILIND	T.Y.B.Com	17
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69	SAPLE BHAVNA SANJAY	T.Y.B.Com	12
70	GODE PRRMOD MARUTI	T.Y.B.Com	11



Jeevandeep Shaikshanik Sanstha Poi's
Arts & Science & Commerce Science College, Khardi
Department of Commerce

Academic Year - 2018-19

Report of Short Term Course - Income Tax Return

The Department of Commerce has carried out a career oriented course entitled "Income Tax Return" in the academic year 2018-19. Total 18 students have participated in this course. The students were taught various methods and techniques of filing tax returns by online and offline mode . The designed curriculum was completed in the stipulated time and exam was conducted to check the skills oriented by the students. All students have successfully completed this course.


Co-Ordinator

Asst.Prof.Yogita Shinde


Head of Department

Asst.Prof.Bhagyashri Bhor


Principal

Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College, Khardi
Tal. Shahapur, Dist. Thane, 421 601

Mr. Kailesh Kulkarni



UNIVERSITY MUMBAI
Jeevandeep Shaikshanik Sanstha's ARTS, COMMERCE & SCIENCE
COLLEGE, KHARDI Tal. Shahapur, Dist. Thane
Short-term Course , Income Tax Return Date: - 25/02/2019

Q. 1. Income tax act 1961 applicable to

- | | |
|---------------------------|---------------------------------------|
| A) Jammu and Kashmir only | B) All state in India |
| C) All metro city | D) All India except Jammu and Kashmir |

Q.2. Assesse includes

- | | |
|-----------------|---------------------|
| A) Individual | B) Company |
| C) HUF, AOP/BOI | D) All of the above |

Q.3. AOP consist of

- | | |
|--------------------|--------------------------|
| A) Individual only | B) Other than individual |
| C) Both | D) None of Above |

Q.4. BOI consist of

- | | |
|--------------------|---------------------------|
| A) Individual only | B) Other than individual. |
| C) Both | D) None of Above |

Q.5. Health & Education cess is

- | | |
|--------|--------|
| A) 6%. | B) 2%. |
| C) 4% | D) 3% |

Q.6. The term income is defined u/s

- | | |
|----------|----------------------|
| A) 2(24) | B) 3(24). |
| C) 24(2) | D) None of the above |

Q.7. Income tax act 1961 came in to force on

- | | |
|-------------------|----------------------|
| A) 1st April 1960 | B) 31st march 1972 |
| C) 1st April 1962 | D) None of the above |

Q.8. Who has the statutory power to issued notification under income tax act1961

- | | |
|----------------------------------|--|
| A) Central board of direct taxes | B) Central board of film certification |
| C) Finance department of state | D) None of the above. |



Q.9. Income tax is a

- A) Direct tax,
- B) Indirect tax
- C) Total tax ,
- D) Danger tax

Q.10. Sambalpur university is a

- A) Local authority
- B) Association of person
- C) Individual
- D) Artificial juridical person

Q.11. Education cess is levied in case of

- A) Individual
- B) Hindu undivided family
- C) All assessee
- D) Company assessee

Q.12. Income tax act 1961 imposed on

- A) Legal income
- B) Illegal income
- C) Agricultural income
- D) Traditional income

Q. 13. Education allowancw is exempted

- A) Rs. 200 per month up to 4 child
- B) Rs. 200 per month up to 3 child
- C) Rs. 100per month up to 2 child
- D) Rs. 100 per month up to 10 child

Q.14. Medical bil reimbursed in respect of treatment in private hospital

- A) Up to 15,000
- B) Up to 12,000
- C) Up to 25,000
- D) None of the above

Q.15. HRA exempted u/s

- A) 15(13B)
- B) 12(13C)
- C) 10(13A)
- D) None of the above

Q.16. Depository receipt traded in USA

- A) GDR,
- B) ADR,
- C) CDR,
- D) NDR

Q.17. Perquisite Comes U/S

- A) 19(3)
- B) 17(2)
- C) 2(17)
- D) None of the above



Q.18. Allowance from U.N.O is

- | | |
|-------------------|----------------------|
| A) partly taxable | B) fully taxable |
| C) fully exempted | D) None of the above |

Q.19. Entertainment allowance is

- | | |
|--------------------|----------------------|
| A) Partly exempted | B) Exempted |
| C) fully taxable | D) None of the Above |

Q.20. HRA exempted u/s 10(13A) includes

- A) 40% of salary if accommodation is situated at Delhi, Mumbai, C
- B) 60% of salary if accommodation is situated at Delhi, Mumbai, CI
- C) None of the Above
- D) 50% of salary if accommodation is situated at Delhi, Mumbai



**Jeevandeep shaikshanik santha Poi's
Arts, Commerce and Science College Khardi**

Commerce Department

Short Term Course Income Tax Return

Board of Studies 2018-19

Sr No	Designation	Name of Person
1	Chairman	Prof. K.R.Kalkate (Principal)
2	Member	B.S.Bhoir (Co-ordinator and HOD of Department)
3	Member	Dr.K.B.Kore (Expert) Jssp A/C/S college Goveli
4	Member	Asst.Prof.Y.K. Shinde

Minutes of the Meeting

The Board of Studies meeting of the Short term Certificate Course in Income Tax Return was conducted on 04-01-2019 at 12.30 p.m. in the Department of Commerce. The following members were present in the meeting. Following Points are discussed in this meeting.

1. Syllabus formation of Income Tax Return short term course.
2. Dissemination of work
3. Encouragement of Student
4. Exam of short term course


Co-Ordinator



Members


Principal
Jeevandeep Shaikshanik Sanstha Poi's
Arts, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

Jeevandeep shaikshanik santha Poi's
Arts, Commerce and Science College Khardi

Commerce Department

Date:- 17/01/2019

This is to inform all students of the F.Y.Bcom , S.Y.Bcom , T.Y.Bcom that from 28th January 2019 'Short Term Course on Income Tax Return' is arranged as per below schedule. Interested students of the Department are advised to contact Assistant professor Bhagyashree Bhoir and Asst. prof.Yogita Shinde.

NOTE- Limited seats available.

Date of starting course 28-01-2019

Day -Monday.

Y.K. Shinde

Head of Department



U. Bhoir

Principal

Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

JEEVANDEEP SHAIKSHNIK SANSTHA POI'S
ARTS, COMMERCE AND SCIENCE COLLEGE, Khardi
COMMERCE DEPARTMENT

SHORT- TERM COURSE INCOME TAX RETURN

SR. NO	CONTENTS	NO. OF LECTURE
1	Introduction to Income Tax Introduction of Basic Terms Residential Status of an Individual Incidence of Tax	6
2	Introduction to Computation of Income from Salaries Allowances Perquisites Taxable Perquisites and Perquisites Taxable for Specified Rent Free Accommodation or (RFA) and Concessional Rental Provident Funds Computation of Pension Computation of Gratuity Leave Encashment and Standard Deductions Computation of Salary Income	6
3	Introduction to Income from House Property Computation of Income from House Property Tax Planning with Respect to House Property Income	6
4	Theoretical Concepts of Computing Income from Business Computation of Business Income Theoretical Concepts of Capital Gain Computation of Capital Gain Theoretical Concepts of Income from Other Sources Types of Securities, Taxability and Rules for Grossing Deductions from Gross Total Income - Section 80G Deductions from Gross Total Income - Section: 80CCC, 80CCD, 80D	6
5	Overview of income tax site and online return filing Process of Filing ITR-1 Under New income tax e- filing portal 2.0	6



Short Term course on Income Tax Return: 28/01/2019

