!! पढमं नाणं तओ दया !!

SHRI JAIN VIDYA PRASARAK MANDAL

COLLEGE OF EDUCATION

ESTD 8/ 9 / 1927   Fattechand Marg, Chafeker Chowk Chinchwad, Pune 411033. Tel.: 020-27352274,

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APPROVED BY NCTE, GOVT. OF MAHARASHTRA & AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY

NCTE CODE- 123228/2015	**SPPU ID CODE: PU/PN/B.Ed./240/2006**
Website: www.sjvpmcoe.in	**Dr. Kothawade P.L.**
Email: sjvpmbed@gmail.com	(B.Sc. , M.A. , M.Ed. , Ph.D.) , Principal

Ref.   Date :

2.4.5 Adequate skills are developed in students for effective use of ICT for teaching learning process in respect of following points:

1] Preparation of lesson plans

1. Preparation of lesson plans Students used various ICT tools for the successful teaching-learning process offline as well as online during their internship. PowerPoint Presentations, Videos, Smart boards, Projectors, Various educational websites, etc were used.

2] Developing assessment tools for both online and offline learning

Developing assessment tools for both online and offline learning Students used ICT tools for the assessment of school students during their internship. Google forms were used to design objective-based question papers to check the knowledge of the students and their concepts cleared. Moreover, feedback was given as soon as the responses were recorded. Students were provided ample time to complete their tests through this mode. In addition to this, the exam which was taken offline their data was recorded using digital technologies.

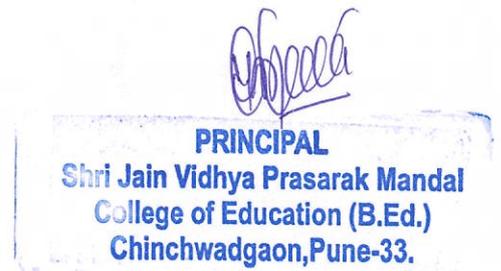### 3] Effective use of social media/learning apps/adaptive devices for learning

Effective use of social media/learning apps/adaptive devices for learning Students used various educational websites like Bayju App, Share it application, YouTube etc. for better learning of the school students, during their internship. They choose to google meet and zoom platform to include online students as well along with students present offline. They were added to the respective class and subject WhatsApp group to interact with the students and provide them with e-educational material.
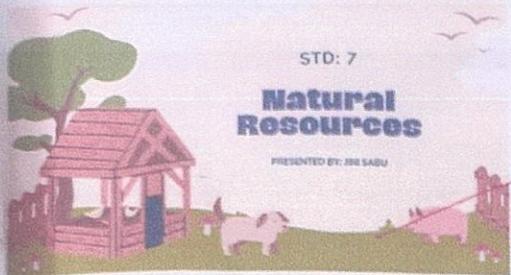
4] Identifying and selecting/ developing online learning resources

Identifying and selecting/ developing online learning resources Students used various educational websites like Bayju App, Share it application, YouTube, Quizzes, etc for better learning of the school students, during their internship. They shared notes, videos and sample question papers through WhatsApp groups and google classrooms to respective classes and as per their pedagogy subject.

5] Evolving learning sequences (learning activities) for online as well as face to face situations:

Evidence enclosed herewith…

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Chinchwadgaon,Pune-33.

Statistics

By Jiya Sinha

Agenda

- Average
- Frequency Distribution Table
- Problems
- Homework

Average

The result obtained by adding together several quantities and then dividing this total by the number of quantities

Average = Sum of all scores in the given data
Total number of scores

PROBLEM	SOLUTION
The daily rainfall for each day of a week in a certain city is given in millimeters. Find the average rainfall during the week. 9, 11, 8, 20, 10, 16, 12	Average Rainfall= Sum of Total Rainfall / No. of days = 9+11+8+20+10+16+12 / 7 = 86/7 = 12.29 mm

Frequency Distribution Table

The number of times a particular score occurs in a data is called the frequency of that score. In such cases a frequency table with three columns, one each for the score, the tally marks and the frequency.

Subject	Tally Marks	Number of student
Art	IIII	4
Mathematics	III II	7
Science	IIII	5
English	IIII	4

Categories	Tally Marks	Frequency
Red	IIII	5
Green	IIII I	6
Blue	II	2
Black	I	1
Yellow	IIII	3

Problems and Solutions

Example: The distance at which some children live from their school is given below in kilometers.
1, 2, 3, 4, 5, 4, 1, 3, 4, 5, 6, 4, 6, 6, 5
Let us see how to make a frequency table of this data.

Scores	Tally marks	Frequency
1	II	2
2	I	1
3	II	2
4	IIII	5
5	III	3
6	III	3
	Total frequency N = 15	

We strike off a score to indicate that it has been counted. The list of scores below shows that the first three scores have already been counted.
1, 2, 3, 4, 5, 4, 1, 3, 4, 5, 6, 4, 6, 6, etc.

HOMEWORK

The heights of 20 children in a class is given in centimeters. Draw a frequency table of this data.
(data)

The number of chapatis that 30 children in a hostel need at lunch time is given below. Make a frequency table for these.
(data)

THANKYOU

STD: 7

Natural Resources

PRESENTED BY: JINI SABU

Topic Outline

A. Natural Resources
B. Introduction to Terms
C. Classification of Minerals
D. Formation
E. Minerals and Bio-resources from ocean
F. Homework

Introduction

What is Natural Resources?

A natural resource is anything found on planet earth or in the atmosphere that can be used by humans. Everything we eat, drink, breathe, and use as a material for manufacturing is a natural resource.

Question: Give examples of natural Resources

Introduction to various terms

- Lithosphere
- Minerals and Ores
- Gangue
- Mining

Classification of Minerals

Non-Metal Minerals	Metal Minerals	Energy Minerals
Mica, Sulphur, Gypsum, Potash, Graphite, Diamond, Feldspar.	Iron, Gold, silver, tin, bauxite, manganese, platinum, tungsten	Coal, mineral oil, natural gas.

Formation
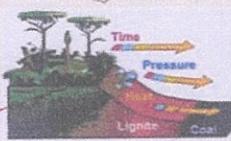
- MINERALS
- COAL
- MINERAL OIL
- NATURAL GAS

Time
Pressure
Lignite
Coal

Question:
What Natural Resources we use as fuel?
Which are the fuels that are non-renewable

Minerals and Bio-resources from ocean

Mineral resources from ocean	Bio-resources in ocean
Thorium – used in the production of atomic energy. Magnesium – used in the flash bulb of a camera. Francolium – the main ingredient in production of soap, glass, fertilizer. Sodium – used in the production of cloth and paper. Sulphur – used in making artificial oils.	Fishes like poultor, sea fish as also shrimps and prawns – they are sources of proteins and vitamins, therefore, mainly used as sea food. Dried shrimp, Bombay duck powder – used as poultry feed and is a good manure. Shells – used for preparation of medicines, ornaments and decorative articles. Fungi – used for the production of antibiotics. Shark, cod and fish – used for producing cod oil, oil rich in Vitamins A, D and E. Sea encounters – used in medicine for treating ...

Homework

Write down the challenges faced during preserving the natural resources and the side effects on nature if those resources are extinct in nature.

Thank you for listening!

Don't hesitate to ask any question!
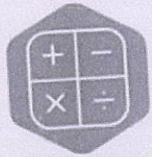
Robomate Plus App info -

App info

Version	2.3.3
Updated on	July 30, 2019
Downloads	1,000,000+ downloads
offered by	Robomate plus
Released on	Dec 15, 2015

App permissions -
Camera
Contacts
Location
Phone
Storage
Other

SHREE JAIN VIDYA PRASARK MANDAL'S ADHYAPAK MAHAVIDYALAYA, CHINCHWAD, PUNE – 33.

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B.ED. 205-19 COMMERCE
REVIEW AN EDUCATIONAL MOBILE APP AND WRITE A REPORT
कोणत्याही एका शैक्षणिक मोबाईल ऍपचा (अनुप्रयोग) आढावा व अहवाल लेखन

Index अनुक्रमणिका

SHREE JAIN VIDYA PRASARAK MANDAL'S ADHYAPAK
MAHAVIDYALAYA, CHINCHWAD, PUNE -33.

B.ED. COURSE 105

ADVANCED PEDAGOGY AND APPLICATION OF ICT

PRACTICAL WORK:

REVIEW AN EDUCATIONAL MOBILE APP AND WRITE A REPORT

Name of the Student:

Manisha · Sonawane.
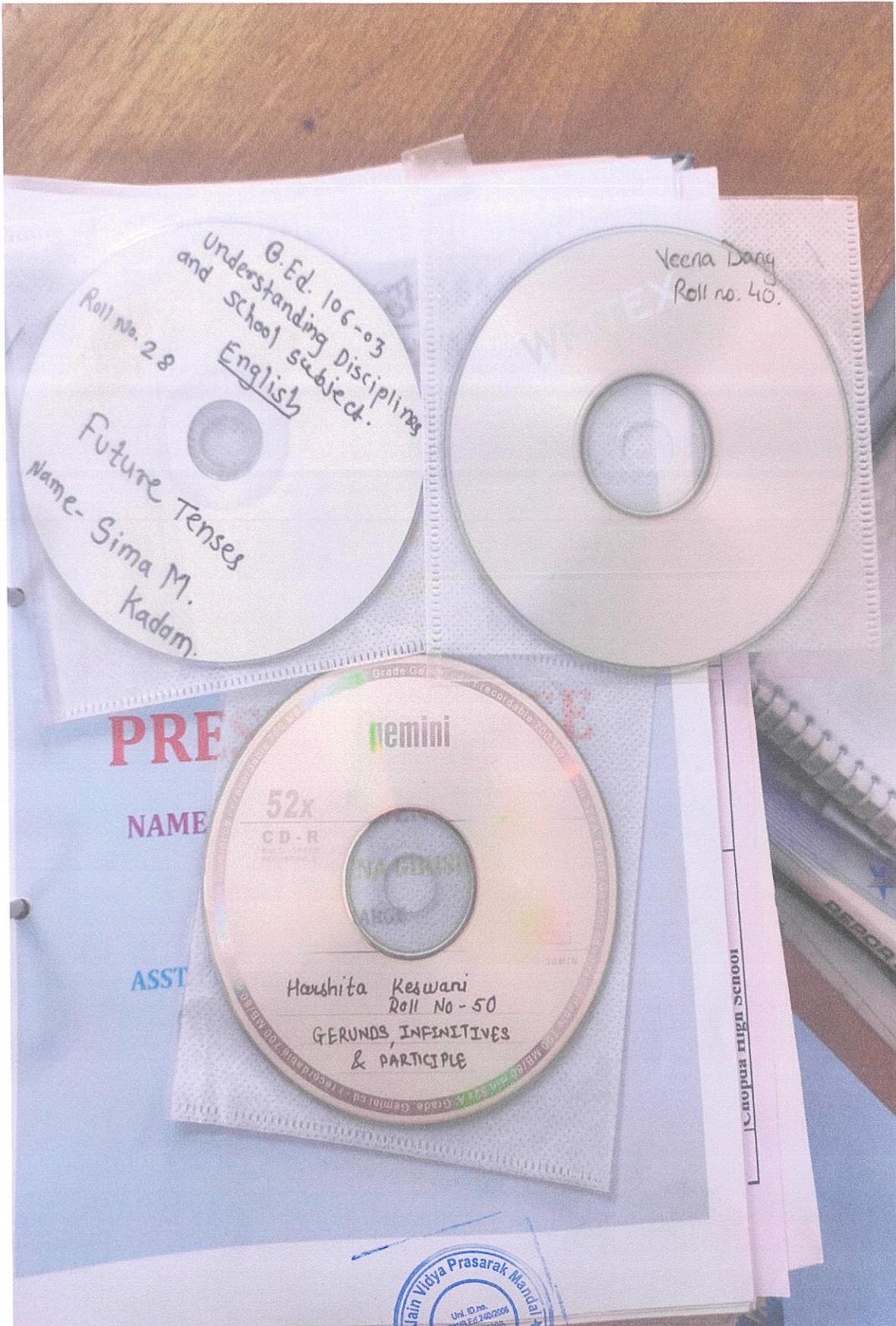
Roll No:

2020 - 2021

In-charge
ASST. PROF. SAKUNDE ASHA

B.Ed. 106-03
Understanding Discipline and School subject.
English

Roll No. 28

Future Tenses
Name- Sima M. Kadam.

Veena Dang
Roll no. 40.

PRE____
NAME
ASST

gemini
52x
CD-R

Harshita Keswani
Roll No - 50
GERUNDS, INFINITIVES & PARTICIPLE

SHRI JAIN VIDYA PRASARAK MANDAL'S ADHYAPAK MAHAVIDYALAYA, CHINCHWADGAON, PUNE 33.

B.ED.106-03: UNDERSTANDING DISCIPLINES & PEDAGOGY OF SCHOOL SUBJECTS

PRESENT TENSE

NAME OF THE STUDENT TEACHER

DANG VEENA GIRISH

INCHARGE

ASST. PROF. SHINDE SUHAS PANDURANG.

ACADEMIC YEAR

2019 – 2020

SHRI JAIN VIDYA PRASARAK MANDAL COLLEGE OF EDUCATION, CHINCHWAD, PUNE 411033

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NUMBER OF CONCURRENT ASSESSMENT METHODS

FIRST YEAR B. ED. 2021- 2022

Sr. No.	COURSE	EXAMINATION SCHEME	MARKS
	PERSPECTIVES OF EDUCATION – CORE COURSES		
1	**B.ED.101** Childhood and Growing up	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80
2	**B.ED.102** Contemporary Indian Education, Gender and Society	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80
3	**B.ED.103** Learning & Teaching	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80
4	**B.ED.104** Assessment and Evaluation for Learning	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80
5	**B.ED.105** Advanced Pedagogy and Application of ICT	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80

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SPECIALIZED COURSES- OPTIONAL COURSES

6	**B.ED.106** **Understanding disciplines and school subjects**	**ACTIVITY I PRACTICAL**	**50**
		ACTIVITY II **INTERNAL WRITTEN EXAM**	**40**
7	**B.ED.107** **Pedagogy of school subjects**	**ACTIVITY I PRACTICAL**	**50**
		ACTIVITY II **INTERNAL WRITTEN EXAM**	**40**

PRACTICING FOR CONSTRUCTIVIST TEACHING LEARNING

8	**B.ED.108** **Teaching Competency I** **(a)Micro Teaching** **(b)Integration Lessons and Simulation Lessons**	**PRACTICAL**	**50**
9	**B.ED.109** **Teaching Competency II** **(a) Technology based teaching** **(b) Team teaching** **(c)Lessons using Models of teaching**	**PRACTICAL**	**50**
10	**B.ED.110** **Teaching Competency III** **(a)Practice Lessons** **(b) Introduction to Internship**	**PRACTICAL**	**(50 +50) 100**

ENHANCING PROFESSIONAL CAPACITIES

11	**B.ED.111** **A) Critical understanding of ICT –Practical** **B) Co curricular Activities and social service**	**PRACTICAL**	**(25 + 25) 50**
12	**B.ED.112** **Health and Yoga**	**PRACTICAL**	**50**

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NUMBER OF CONCURRENT ASSESSMENT METHODS
SECOND YEAR B. ED. 2021- 2022

Sr. No.	COURSE	EXAMINATION SCHEME	MARKS
		PERSPECTIVES OF EDUCATION – CORE COURSES	
1	**B.ED. 201** **Quality and Management of School Education**	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80
2	**B.ED.202** **Knowledge and curriculum, Language across curriculum**	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80
3	**B.ED. 203** **School and Inclusive School**	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80
		SPECIALIZED COURSES- OPTIONAL COURSES	
4	**B.ED.204** **Elective**	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80
5	**B.ED. 205** **Additional Pedagogy Course: Understanding disciplines and Pedagogy of school subjects**	ACTIVITY I PRACTICAL	50
		ACTIVITY II MCQ	50
		ACTIVITY III INTERNAL WRITTEN EXAM	80

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PRACTICING FOR CONSTRUCTIVIST TEACHING LEARNING

6	B.ED. 206 Practice Lessons	PRACTICAL	50
7	B.ED. 207 Internship	PRACTICAL	50

ENHANCING PROFESSIONAL CAPACITIES

8	B.ED. 208 Reading and Reflecting on Texts	PRACTICAL	50
9	B.ED.209 Understanding of Self	PRACTICAL	50
10	B.ED. 210 Basics of Research	PRACTICAL	50
11	B.ED. 211 Drama and Art in Education	PRACTICAL	50
12	B.ED. 212 Open Course	PRACTICAL	50

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B.Ed. COURSE- 103– LEARNING AND TEACHING PRACTICAL – PSYCHOLOGY EXPERIMENT

LEARNING CURVE & WORK AND FATIUGE

B.Ed. Course- 103 : PSYCHOLOGY EXPERIMENT

1. Unsatisfactory   2. Average   3. Satisfactory   4. Good   5. Excellent

Sr. No.	Criteria	1 Unsatisfactory	2 Average	3 Satisfactory	4 Good	5 Excellent
1	Objectives of Experiment	Not followed all the instruction for Experiment 1 & 2 according to the tools(Psychology test tool)	Followed minimum instruction but not sequence for Experiment according to the step of tools	Followed proper instruction sequence but not satisfies the Step for Experiment according to the step of tools	Followed proper instruction up to the mark for Experiment according to the step of tools	Reflects all asper the guidelines for Experiment according to the step
2	Apparatus for Experiment	Not followed all the guidelines regarding Psychology test tool given for overall experiment	Followed minimum guidelines regarding Psychology test tool for Proper instructions given foroverall experiment	Followed proper sequence but not satisfies steps of experiment for Proper instructions given for overall experiment	Followed criteria up to the mark regarding Psychology test tool for Proper instructions given for overall experiment	Reflects all asper the guidelines forProper instructions given for overall Psychology test tool
3	Background	Not followed all the guidelines regarding Psychology test tool given for overall experiment	Followed minimum guidelines regarding Psychology test tool and instructions given for overall experiment.	Followed proper sequence but not satisfies thesteps and guidelines for Psychology test tool and instructions given for overall experiment.	Followed instructions given for up to the mark for the Psychology test tool and instructions given for overall experiment	Reflects all asper the guidelines for Psychology test tool and instructions given for overall experiment
4	Procedure	Not followed all the guidelines for Consideration of difficulty level as perthe difficulty level of multiplication regarding Psychology test tool given for overall experiment..	Followed minimum guidelines for Consideration of difficulty level as per the difficulty level of multiplication.	Followed proper sequence but not satisfies theinstructions and guidelines for multiplication and alphabet allotment.	Followed instructions up to the mark and guidelines for multiplication and alphabet allotment.	Reflects all asper the guidelines for Consideration of difficulty level as per the difficulty multiplication and alphabet allotment.

#	Criteria				
5	Observation of Table/Graph	Not followed all the guidelines for Proper instructions given for overall experiment.	Followed minimum guidelines for Proper instructions given for overall experiment.	Followed proper sequence but not satisfies the instructions and guidelines given for overall experiment.	for the guidelines for Proper instructions given for overall experiment.	guidelines for Proper instructions given for overall experiment.
6	Introspection	Not followed all the guidelines for consideration of an appropriate tools of experiment or Psychology test.	Followed minimum guidelines for consideration of an appropriate tools of experiment or Psychology test.	Followed proper sequence but not satisfies the criteria and guidelines for use of tools to do appropriate experiment or Psychology test.	Followed criteria up to the mark for the guidelines for use of tools to do appropriate experiment or Psychology test	Reflects all asper the guidelines for consideration of an appropriate tools of a test to perform Psychology experiment.
7	Educational Importance	Not followed all the guidelines of Syllabus	Followed minimum guidelines of Syllabus	Followed proper guidelines of Syllabus and Psychology Based on Topic	Followed criteria up to the mark for the guidelines of Syllabus and Psychology Based on Topic as per weightage of content .	Reflects all asper the guidelines of Syllabus and Psychology Based on Topic as per weightage of content.
8	Conclusion	Not followed all the guidelines of making graph with proper readings using tools.	Followed minimum guidelines of making graph with proper readings using tools.	Followed proper guidelines of making graph with proper readings using tools.	Followed criteria up to the mark for the guidelines of making graph with proper readings using tools.	Reflects all asper the guidelines of making graph with proper readings using tools.
9	Educational Implication	Not followed all the guidelines of while Writing Educational Implication	Followed minimum guidelines of while Writing Educational Implication	Followed proper guidelines of while Writing Educational Implication	Followed criteria up to the mark for the guidelines of while Writing Educational Implication	Reflects all asper the guidelines of Educational Implication.
10	Overall Impression	Not followed all the guidelines to fulfill all the instructions given for the tool and perform psychology test.	Followed minimum guidelines to fulfill all the instructions given for the tool and perform psychology test.	Followed proper sequence but not satisfies the criteria and guidelines to fulfill all instructions given for the tool and perform psychology test.	Followed criteria up to the mark for the guidelines to fulfill instructions given for the tool and perform psychology test.	Reflects all asper the guidelines to fulfill all the instructions given for the tool and perform psychology test.

Signature of Course In-charge

Asst.Prof. Rathod R.B.

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B.Ed. COURSE- 104 – ASSESSMENT AND EVALUATION FOR LEARNING
अध्ययनासाठी मूल्यनिर्धारण आणि मूल्यमापन
PRACTICAL – DEVELOPING AN ACHIEVEMENT TEST WITH ITS BLUE PRINT
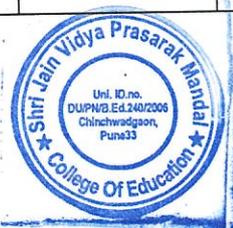प्रात्यक्षिक कार्य – ‘संविधान तक्त्यासह संपादन चाचणी विकसित करणे ’

B.Ed. Course- 104 Practical
Evaluation Rubric

Sr. No. अ.क्र.	Criteria निकष	1 Unsatisfactory	2 Average	3 Satisfactory	4 Good	5 Excellent
1	Design of a blue print as per criteria निकषानुसार संविधान तक्त्याचा आराखडा	Not followed all the criteria for preparation of test according to the step of unit test Design of unit test :- A) weightage of content area B) weightage of objectives c) weightage of diffrence forms of questions	Followed minimum criteria but not the sequence for preparation of test according to the step of unit test Design of unit test :- A) weightage of content area B) weightage of objectives c) weightage of diffrence forms of questions	Followed proper sequence but not satisfies the criteria for preparation of test according to the step of unit test Design of unit test :- A) weightage of content area B) weightage of objectives c) weightage of diffrence forms of questions	Followed criteria up to the mark for preparation of test according to the step of unit test Design of unit test :- A) weightage of content area B) weightage of objectives c) weightage of diffrence forms of questions	Reflects all as per the guidelines for preparation of test according to the step of unit test Design of unit test :- A) weightage of content area B) weightage of objectives c) weightage of diffrence forms of questions
2	Instructions given to attend the test चाचणीच्या उपस्थितीविषयी योग्य सूचनांचा समावेश	Not followed all the guidelines for Proper instructions given for overall preparation of a blueprint	Followed minimum guidelines for Proper instructions given for overall preparation of a blueprint	Followed proper sequence but not satisfies the criteria and guidelines for Proper instructions given for overall preparation of a blueprint	Followed criteria up to the mark for the guidelines for Proper instructions given for overall preparation of a blueprint	Reflects all as per the guidelines for Proper instructions given for overall preparation of a blueprint

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3	Type of questions and marks allotted as per blue print संविधान तक्त्यानुसार प्रश्नप्रकार आणि गुणदान	Not followed all the guidelines for Includes a proper weightage given to the type and subtype of questions	Followed minimum guidelines for Includes a proper weightage given to the type and subtype of questions	Followed proper sequence but not satisfies the criteria and guidelines for Includes a proper weightage given to the type and subtype of questions	Followed criteria up to the mark for the guidelines for Includes a proper weightage given to the type and subtype of questions	Reflects all as per the guidelines for Includes a proper weightage given to the type and subtype of questions
4	Difficulty level of the questions प्रश्नाची काठीण्य पातळी	Not followed all the guidelines for Consideration of difficulty level as per the difficulty level of content and as per the age group. Weightage is not properly followed for the distribution of the questions.	Followed minimum guidelines for Consideration of difficulty level as per the difficulty level of content and as per the age group. Number of questions are not proper.	Followed proper sequence but not satisfies the criteria and guidelines for Consideration of difficulty level as per the difficulty level of content and as per the age group	Followed criteria up to the mark for the guidelines for Consideration of difficulty level as per the difficulty level of content and as per the age group	Reflects all as per the guidelines for Consideration of difficulty level as per the difficulty level of content and as per the age group
5	Language used to frame the questions प्रश्न तयार करताना योग्य भाषेचा वापर	Not followed all the guidelines for Proper instructions given for overall preparation of questions	Followed minimum guidelines for Proper instructions given for overall preparation of questions	Followed proper sequence but not satisfies the criteria and guidelines for Proper instructions given for overall preparation of questions	Followed criteria up to the mark for the guidelines for Proper instructions given for overall preparation of questions	Reflects all as per the guidelines for Proper instructions given for overall preparation of questions
6	Length of the Test चाचणीची लांबी	Not followed all the guidelines for consideration of an appropriate length of a test. Length of the test is too long.	Followed minimum guidelines for consideration of an appropriate length of a test. Length of the test is quiet long.	Followed proper sequence but not satisfies the criteria and guidelines for consideration of an appropriate length of a test.	Followed criteria up to the mark for the guidelines for consideration of an appropriate length of a test	Reflects all as per the guidelines for consideration of an appropriate length of a test

No.	Criteria	1	2	3	4	5
7	**Content Validity** आशय सप्रमानता	Not followed all the guidelines of Syllabus	Followed minimum guidelines of Syllabus	Followed proper guidelines of Syllabus and Question Based on Topic	Followed criteria up to the mark for the guidelines of Syllabus and Question Based on Topic as per weightage of content .	Reflects all as per the guidelines of Syllabus and Question Based on Topic as per weightage of content.
8	**Answer key with marks distribution** गुणदान योजनेसह उत्तरसूची	Not followed all the guidelines of making Answer key with marks distribution	Followed minimum guidelines of making Answer key with marks distribution	Followed proper guidelines of making Answer key with marks distribution	Followed criteria up to the mark for the guidelines of making Answer key with marks distribution	Reflects all as per the guidelines of making Answer key with marks distribution
9	**Educational Implication** शैक्षणिक उपयोजन	Not followed all the guidelines of when Write Educational Implication	Followed minimum guidelines of when Write Educational Implication	Followed proper guidelines of when Write Educational Implication	Followed criteria up to the mark for the guidelines of when Write Educational Implication	Reflects all as per the guidelines of Educational Implication distribution
10	**Overall Impression** एकूण प्रभाव	Not followed all the guidelines to fulfil all the criteria given for the preparation and development of an achievement test with its blueprint	Followed minimum guidelines to fulfil all the criteria given for the preparation and development of an achievement test with its blueprint	Followed proper sequence but not satisfies the criteria and guidelines to fulfil all the criteria given for the preparation and development of an achievement test with its blueprint	Followed criteria up to the mark for the guidelines to fulfil all the criteria given for the preparation and development of an achievement test with its blueprint	Reflects all as per the guidelines to fulfil all the criteria given for the preparation and development of an achievement test with its blueprint
	Total Marks एकूण गुण					
	Total Marks Out Of 50 एकूण गुण ५० पैकी					

1. Unsatisfactory   2. Average   3. Satisfactory   4. Good   5. Excellent

Remark:-

Signature of subject teacher
Mr. Papal A.R.

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## B.Ed. 202 : KNOWLEDGE CURRICULUM AND LANGUAGE ACROSS THE CURRICULUM

PRACTICAL RUBRIC:

PRESENTATION OF SUBJECT CONTENT IN THE FORM OF A SUMMARY/ EXPLANATORY NOTE/ PRECISE WRITING/ DIAGRAMMATIC PRESENTATION

EVALUATION SCHEME

Rating Scale: 1) Unsatisfactory   2) Average   3) Satisfactory   4) Good   5) Excellent

Sr. No	Criteria	1	2	3	4	5
1	CATEGORIZATION OF THE CONTENT	Not up to the mark	Only Structure is drawn	Structure and illustration is given	Structure and illustration is explained well	Structure and illustration is explained with suitable justification
2	FULFILLMENT OF THE OBJECTIVES	Only one objective enlisted	Two objectives enlisted	Three objectives enlisted	Four objectives enlisted	Five objectives enlisted
3	SUITABLE LEARNING EXPERIENCES	Only one learning experience explained	Two learning experiences explained	Three learning experiences explained	Four learning experiences explained	Five learning experiences explained
4	TEACHING METHODS, STRATEGIES & TECHNIQUES	Not up to the mark	Only Method / Strategy/ Technique explained	Any two Methods / Strategies/ Technique s explained	Methods / Strategies/ Technique s were explained well	Methods / Strategies/ Technique s were explained with proper example
5	PROPER TEACHING AIDS	Only one teaching aid suggested	Two teaching aids suggested & attached	Three teaching aids suggested & attached	Four teaching aids suggested & attached	Five teaching aids suggested & attached
6	REFLECTION OF CORE ELEMENTS & VALUES	Only list of Core elements/ Values enlisted	Core elements/ Values explained good	Core elements/ Values explained with example	Core elements/ Values explained with example	Core elements/ Values explained with example and suitable justification
7	REFLECTION OF LIFE SKILLS	Only list of life skills enlisted	life skills explained good	life skills explained with example	life skills explained with example	life skills explained with example and suitable justification
8	SUITABLE EVALUATION STRATEGIES	Only questions enlisted	Questions were drawn well	Questions were relevant	Questions were relevant and suitable as per the topic	Questions were relevant, suitable and properly sequenced
9	EDUCATIONAL IMPLICATION	Educational implication only one point written	Educational implication two points written	Educational implication three points written	Educational implication four points written	Educational implication five points written
10	OVERALL IMPRESSION	Handwriting and Presentation were ok	Handwriting Presentation and were good	Handwriting, Presentation were satisfactory	Handwriting, Presentation, binding of practical were good, neat and well	Handwriting, Presentation, binding of practical were neat, clean and attractive
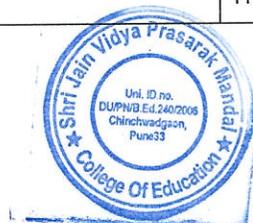
PRINCIPAL
Shri Jain Vidya Prasarak Mandal
College of Education
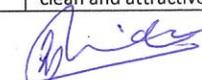
ASST. PROF. SHINDE SUHAS PANDURANG

SHREE JAIN VIDYA PRASARAK MANDAL'S ADHYAPAK MAHAVIDYALAYA, CHINCHWAD, PUNE -33.

B.ED. COURSE 105

ADVANCED PEDAGOGY AND APPLICATION OF ICT

PRACTICAL WORK:

REVIEW AN EDUCATIONAL MOBILE APP AND WRITE A REPORT

Name of the Student:

Manisha . Sonawane.

Roll No:

____

2020 - 2021

In-charge

ASST. PROF. SAKUNDE ASHA

SHREE JAIN VIDYA PRASARK MANDAL'S ADHYAPAK MAHAVIDYALAYA, CHINCHWAD, PUNE –33.

==

B.ED. 105

PRACTICAL WORK: REVIEW AN EDUCATIONAL MOBILE APP AND WRITE A REPORT

Name of the Student: __Ms. Manisha · Somwane__ Roll No:___

EVALUATION SCHEME

Rating Scale: 1 unsatisfactory, 2 Average, 3 Satisfactory, 4 Good, 5 Excellent

Sr. No.	Criteria	1	2	3	4	5
01	Introduction				✓	
02	Concept of Mobile App					✓
03	General Educational Uses of Mobile App				✓	
04	Technical Description of the selected Mobile App			✓		
05	Features/ Facilities/ Tools in the Mobile App					✓
06	Educational Implication of Mobile App				✓	
07	Limitations of the Mobile App				✓	
08	Suggestions to improve the Mobile App					✓
09	Screen Shots of the Mobile App				✓	
10	Overall impression					✓
	Total Marks Out of 50				3+20+20 =45/50	

Qualitative Feedback (if any): _Followed all guidlines_
Written necetly

Course In-charge

ASST. PROF. SAKUNDE ASHA

SHREE JAIN VIDYA PRASARK MANDAL'S ADHYAPAK MAHAVIDYALAYA, CHINCHWAD, PUNE – 33.

==

B.ED. 205-19 COMMERCE
REVIEW AN EDUCATIONAL MOBILE APP AND WRITE A REPORT
कोणत्याही एका शैक्षणिक मोबाईल ऍपचा (अनुप्रयोग) आढावा व अहवाल लेखन

Index अनुक्रमणिका

SR. NO.	DETAILS तपशील
01	INDEX अनुक्रमणिका
02	CERTIFICATE प्रमाणपत्र
03	ACKNOWLEDGEMENT ऋणनिर्देश
04	INTRODUCTION प्रस्तावना
05	CONCEPT & DEFINITION OF MOBILE APP मोबाईल ऍपची (अनुप्रयोग) संकल्पना आणि व्याख्या
06	FEATURES OF MOBILE APP मोबाईल ऍपची (अनुप्रयोग) गुणवैशिष्ट्ये
07	LIST OF EDUCATIONAL MOBILE APPS मोबाईल ऍपची (अनुप्रयोग) यादी
08	TECHNICAL DESCRIPTION OF THE SELECTED MOBILE APP मोबाईल ऍपची (अनुप्रयोग) तांत्रिक वर्णन
09	FEATURES IN THE SELECTED MOBILE APP निवडलेल्या मोबाईल ऍपची (अनुप्रयोग) गुणवैशिष्ट्ये
10	FACILITIES & TOOLS IN THE SELECTED MOBILE APP निवडलेल्या मोबाईल ऍप (अनुप्रयोग) मधील साधने आणि सुविधा
11	MERITS OF SELECTED MOBILE APP निवडलेल्या मोबाईल ऍपचे गुण
12	DEMERITS OF SELECTED MOBILE APP निवडलेल्या मोबाईल ऍपचे दोष
13	LIMITATIONS OF SELECTED MOBILE APP निवडलेल्या मोबाईल ऍपच्या मर्यादा
14	EDUCATIONAL IMPLICATION OF SELECTED MOBILE APP निवडलेल्या मोबाईल ऍपचे शैक्षणिक उपयोजन
15	SUGGESTIONS FOR SELECTED MOBILE APP निवडलेल्या मोबाईल ऍपबद्दल शिफारशी
16	OPINION ABOUT SELECTED MOBILE APP निवडलेल्या मोबाईल ऍपबद्दल मत
17	REMARK ABOUT PRACTICAL प्रात्यक्षिकाबाबत अभिप्राय
18	SCREEN SHOTS OF SELECTED MOBILE APP निवडलेल्या मोबाईल ऍपच्या स्क्रीन फोटो
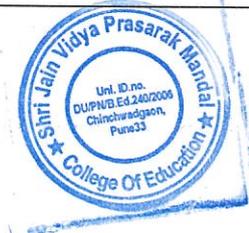
CERTIFICATE प्रमाणपत्र

This is to certify that Ms. Manisha. Sonawane of course B.ED (I. year) of Shree Jain Vaidya Prasarak Mandal Adhyapak Mahavidyalaya College had complited her project file of B.ED. Course - 105 Review an Educational Mobile App and write a Report.

Under the guidance of Prof. Asst. Mrs. Asha Sakunde.

It is This is to certify that this practical is upto my expectation and as per guidelines issued by college and Savitribai Phule, Pune University.

Signature.
Mrs. Asha Sakunde
(In-charge)
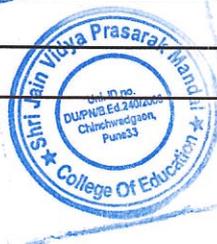
ACKNOWLEDGEMENT ऋणनिर्देश

Presentation, inspiration and motivation have always played a key role in the success of any venture.

I express my sincere thanks to Savitribai Phule Pune University to admit me and allowing for further education.

I express my gratitude to Prof. Pravin Kothawade, Principal, Shree Jain Vidya Prasarak Mandal Adhyapak Mahavidyalaya, Chinchwad, Pune. I also thank the college in helping me to study and pursue B.ed professional degree – Shree Jain Vidya Prasarak Mandal Adhyapak Mahavidyalaya, Chinchwad, Pune.

I pay my deep sense of gratitude to my teacher Mrs. Asst. Prof. Saklunde Asha, who gave me an opportunity to do this wonderful project on this topic.

Educational app also helped me in doing lot of research and I came to know about so many new things.

I am really thankful them. Secondly I would also like to thank my parents and friends who helped me a lot in finalizing this project within the limited time frame.

INTRODUCTION प्रस्तावना: Innovation is the key to improvement. In current times the obsolete ideologies and methods of teaching do not work. Today is the age of videos and podcasts and children can easily learn through this interactive media. Smartphones—connect video streaming image capturing devices are a lot of fun. They can align perfectly with your classrooms. The first step to mobile learning for many parents and educators is to get schools on board. Schools can save on the larger cost of class computers and the portable devices mean that they can buy twenty iPads to move from room to room rather than investing in stationary. I have selected Robomate + app.

CONCEPT & DEFINITIONS OF MOBILE APP मोबाईल ऍपची (अनुप्रयोग) संकल्पना आणि व्याख्या:

Miracles are these days. One miracle we keep wondering about is 'how mobile apps have transformed education?'

A mobile application, most commonly referred to as an app, is a type of application software designed to run on mobile device - Such as a smartphone or tablet computer. Mobile applications frequently serve to provide users with similar services to those accessed on Pcs.

In 2009, technology columnist David Pogue said that newer smartphones could be nicknamed "app phones" to distinguish them from earlier less sophisticated smartphones. The term "app", short for "software application" has since become very popular in 2010, it was listed as "Word of the Year" by the American Dialect Society.

FEATURES OF MOBILE APP मोबाईल ऍपची (अनुप्रयोग) गुणवैशिष्टये:

Features are an essential part of product.
Definition - Each requirement need to be clearly broken down for the product team, whether in the form of a PRD or user stories. Map out the mobile app features that will help you achieve your product objectives. The following are features of Robomate +

• Video Lectures by Expert Teachers.
• Mapped to the Curriculum.
• Oriented towards Examination.
• Well organized by chapter and module.
• Short 5-7 min videos for easy understanding.
• Simply structured for easy navigation; notes can be added to the video time-line. • Tests after every module.
• Performing Assessment features, study groups forums to clarify doubts. • Quick & reliable Technical support.

LIST OF EDUCATIONAL MOBILE APPS मोबाईल ऍपची (अनुप्रयोग) यादी:

1. Digital Teacher - Learning app	15. Shaala : CBSE, ICSE, NCERT Solutions.
2. Genius Teacher Free CBSE Quiz app	16. Meritation : CBSE, ICSE & More app
3. Diksha app CBSE, NCERT.	17. Kids Spelling Learning - Learn to spell
4. Math Tests - Mathematics practice	18. iDream Learning App
5. Praadis Education	19. i Prep - Learning App for 1st - 12th
6. ePathshala	20. Speed Learning
7. Maitree Learning - 1:4 LIVE	21. Practice Tests and Flashcards.
8. Teachmint	22. Best High school study Tool.
9. National Digital Library of India	23. Chemistry notes app.
10. my CBSE guide - CBSE	24. General Knowledge Quiz: World GK Quiz
11. Oda Classes : LIVE Learning	25. High School Math : Practice Test.
12. Science Basics app.	26. Math - Basic Math & Learn math
13. Noon Academy - Student Learning	27. Maharashtra state Board Textbook ap
14. Shiksha Learning app	28. Extra marks - The Learning app.

TECHNICAL DESCRIPTION OF THE SELECTED MOBILE APP मोबाईल ॲपची (अनुप्रयोग) तांत्रिक वर्णन:

Robomate + is the worlds largest curriculum based study platform and a complete learning solution for students. Robomate + gives you the convenience to study and revise in the comfort of your homes. Detailed lectures and Practice test series of professional exams like CAExams including CPT, IPCC, Engineering Entrance Exams such as Jee Means and Advanced, MHT CET, Medical entrance exams including NEE AITMS, AIPMT and MBA entrance CAT, CMAT, GMAT, XAT MHCET. Students can also take the help of Robomate + to prepare for NTSE and Olympiads. Robomate + is the most popular study tool for the following: CBSE (8-10), ICSE (9-10), SSC (Maharashtra State Board (7-10) Commerce (01-12, FY.Bcom), Science (11-12) and Karnataka (PU1 & 2).
Robomate + App is available on Tablet, SD card and Online videos compatible with OS: Android and iOS.

FEATURES IN THE SELECTED MOBILE APP निवडलेल्या मोबाईल ॲपची (अनुप्रयोग) गुणवैशिष्ट्ये:

The following are the features of Robomate +
1. Video Lectures by Expert Teachers.
2. Mapped to the Curriculum as per Board lists.
3. Oriented towards Examination
4. It allows us to select our category to be studied
5. Course types to be selected as per classes
6. 5-7 min short video
7. Dynamic Test and Evaluation on Progress.
8. Lectures to be saved option for further reference
9. eBooks added and can be added to courses.
10. Study Groups Forum to clarify doubts
11. Reliable technical support.
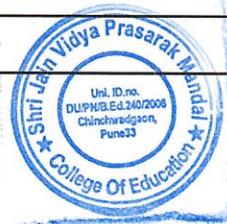
FACILITIES & TOOLS IN THE SELECTED MOBILE APP निवडलेल्या मोबाईल ॲप (अनुप्रयोग) मधील साधने आणि सुविधा:

Robomate + is the world's largest curriculum based study app that provides interactive study material for students. We endeavour to make learning easy for students and help them score more. This app is carefully designed to ensure maximum learning through proven techniques such as conceptual videos, adaptive learning and collaborative learning methods:

I - Board ⇒ CBSE, ICSE, MSB, Karnataka State Board.
II - Subjects ⇒ Maths, Science, English, History, Civics, Hindi, Marathi, Sanskrit. We can buy and subscribe ebooks. This app provides facilities from Grade 8th to higher post-dgree courses. Tools ⇒ Uncategorized (39), Media (78), Blog (328), Video lecture (413), Test Papers (529), Archive (78), Resources (46), Recommendation (4), Solved Papers (14), MHT-CET 2016 Mock Test (25), All courses (271), Press release (1), R+Talk (3).

MERITS OF SELECTED MOBILE APP निवडलेल्या मोबाईल ॲपचे गुण:

Like all good thing an online studies app has its own merits and demerits. While you can study anytime and anywhere you increase screen time.

→ Anywhere, Anytime with the online studies app.
→ Trackable learning
→ Better presentation — High engagement, Interactive learning with Presentation and Animation.
→ Quick assessment — Polls and MCQs, surveys, Quizzes.
→ No Peer Distractions.
→ No commuting required.
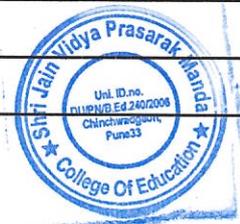
DEMERITS OF SELECTED MOBILE APP निवडलेल्या मोबाईल ॲपचे दोष:

The demerits of Robomate + app -
→ Need Regular and continuous Internet
→ Distractions can bee at home too.
→ Procrastination by students.
→ Time Management skills needed
→ Parents need to contribute time
→ Robomate + a Must have for Students
→ Technology for studies
→ It is engaging and interactive

LIMITATIONS OF SELECTED MOBILE APP निवडलेल्या मोबाईल ॲपच्या मर्यादा:

A website designed for standard desktop computers but
you obviously want to keep up with times and make
your site mobile friendly too. However, it isnt just
a matter of scaling down your design, its a new
platform with a new set of interaction patterns
and limitations.

1] No Hover state (not yet anyways)
   • Visible - The content is accessible from visual means.
   • Convention
2] Slow and Error Prone Typing
3] Less Context
4] Inaccurate clicks
5 Poor Connectivity - No connection, slow download speeds.
6 Slow Hardware
7 Usage Situation
8 No right click (added by Jamie)

EDUCATIONAL IMPLICATION OF SELECTED MOBILE APP निवडलेल्या मोबाईल ॲपचे शैक्षणिक उपयोजन:

"Educational Software." Educational software or computer applications developed for the purpose of teaching and learning arrived with virtually the first desktop computer.

* The Education points of the mobile app ⟹ Launch Screen.

ⓐ Accelerated ⓑ Cognitive improvement ⓒ Self-improvement ⓓ Educational standards changing. ⓔ Engaged and Interactive students.

* Implication point of this mobile app ⟹ drawn from Piaget's three.

1. A focus on the process of childrens thinking, not just its products

2) Recognition of the crucial role of children's self-initiated, active involvement in learning activities. 3) A deemphasis on practices aimed at making children adult like in their thinking.

SUGGESTIONS FOR SELECTED MOBILE APP निवडलेल्या मोबाईल ॲपबद्दल शिफारशी:

Developing and improving mobile application are part of the development team or responsible for the end-use user experience, these suggestion will help improving a mobile app.

1. Do support real time experience - Modern app require real time events from backend services like — incorporated data distribution technologies within your app development cycle that intelligently access data to only send most uptodate information.

2. Do ensure your app is highly responsive.

3. Do keep scall in mind what happens if your app goes viral.

4. Don't develop for one device and platform at a time

5. Don't develop an app that cannot make use of device features.

OPINION ABOUT SELECTED MOBILE APP निवडलेल्या मोबाईल ॲपबद्दल मत:

Mobile app development and its importance in todays world. In education field it had become a big source or a major role we can say.

As the competition level had increased in all field from school to business level, education pattern and syllabus also has been changed. Many educational apps have been introduced amongst which Robomate + is one of those where there is large scale of learning installed in this app for students to grow and intellectual with their peers and gain knowledge.

Many plus and minus are available in each app but due to this Robomate + a student can be independent and get accurate knowledge.

REMARK ABOUT PRACTICAL प्रात्यक्षिकाबाबत अभिप्रायः

This practical is very useful for student and teacher. Unlike all apps this app also gives lot of information on e-learning. While doing this practical we learn more about different types, method of teaching in a funway, technical structure of this App, the history of App. At large, most schools, colleges, institutions have approached and have been downloading and accessing different mobile apps for betterment of students

Mobile apps are way faster than website, thereby leading to faster actions and faster results.

Education is not limited only to black-boards and attending schools is what can be marked from the above practical.
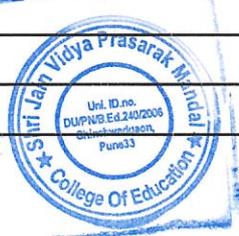
SCREEN SHOTS OF SELECTED MOBILE APP निवडलेल्या मोबाईल ॲपच्या स्क्रीन फोटो:
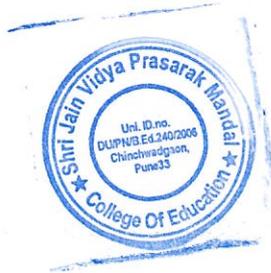
P.T.O.

* * *

VII-CBSE
Trial period ends in 2 days.

Buy

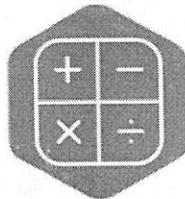**3 Secrets**
That Top Students
Use to be the Best!!

▶ Play
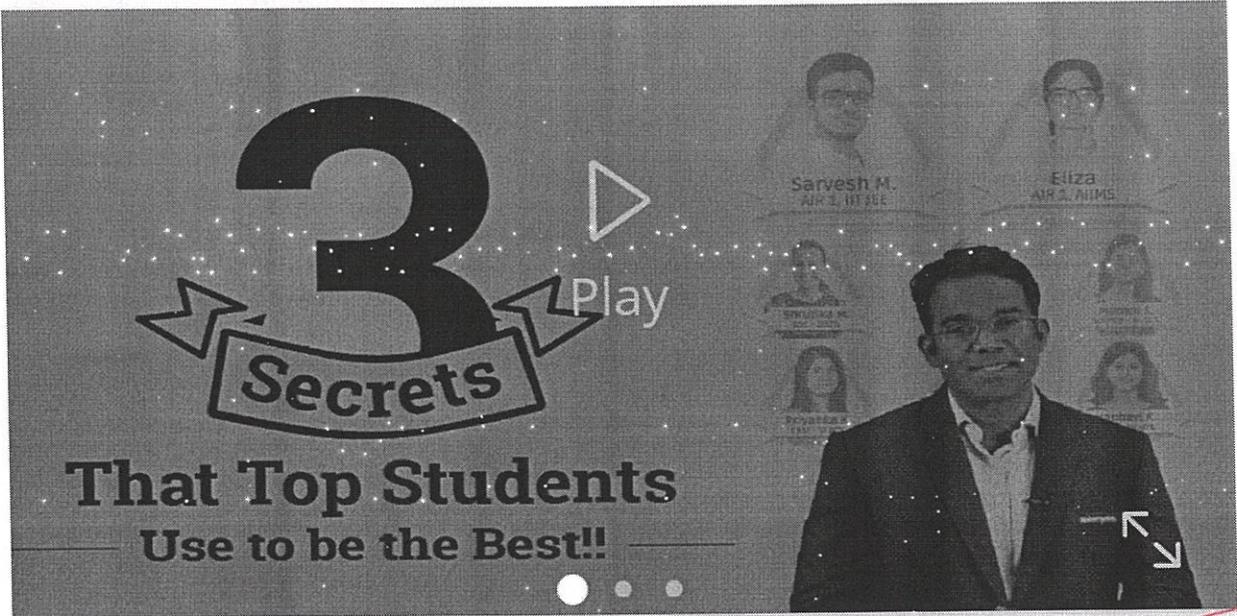
Tap a subject to access video lectures & tests

Social Science
0.0%

Mathematics
0.0%
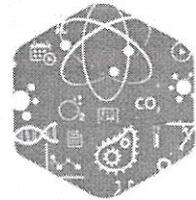
**English Com-
municate with ...**
0.8%

Dynamic Test
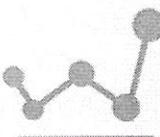
Progress

॥प्रढम् नाणं तओ दया॥

SHREE JAIN VIDYA PRASARAK MANDAL'S ADYAPAK MAHAVIDYALAYA (B.Ed), CHINCHWAD, PUNE- 411033.

B.ED COURSE:104

ASSESSMENT AND EVALUATION FOR LEARNING

- **COURSE RELATED PRACTICAL WORK**

DEVELOPING AN ACHIEVEMENT TEST WITH ITS BLUE PRINT

प्रात्यक्षिक कार्य

संपादन चाचणीचे विकसन आणि संविधान तक्ता.

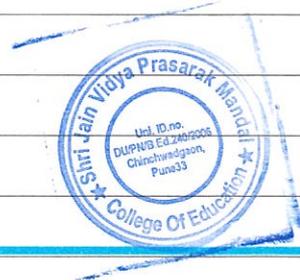### NAME OF THE STUDENT TEACHER

शिरसाठ शेजल विलास
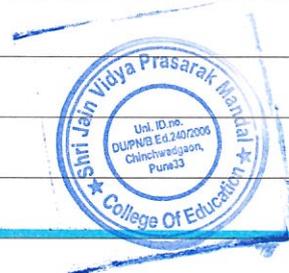
ROLL NO
e3

INCHARGE
ASST. PROF. AMAR PAPAL

i] उपघटकांना द्यावयाचे भारांश

अ.नं.	उपघटकाचे नाव	गुण	शेकडा गु
१)	प्लॅस्टिक	६	२४
२)	थर्मोकोल	७	२८
३)	काच	६	२४
४)	काचेचे गुणधर्म	६	२४
	एकूण	२५	१००

ii] उद्दिष्टांना द्यावयाचे भारांश

अ.नं	उद्दिष्ट्ये	गुण	शेकडा गुण
१)	ज्ञान	७	28
२)	आकलन	८	३६
३)	उपयोजन	८	४०
	एकूण	२५	१००

iii] प्रश्नप्रकारांना द्यावयाचे भारांश

अ.नं	प्रश्न - प्रकार	प्रश्नसंख्या	गुण	शेकडा गुण
१)	वस्तुनिष्ठ	९	९	२४
२)	लघुत्तरी	३	८	३६
३)	दिर्घोत्तरी	२	८	४०
	एकूण	१४	२५	१००

b) संविधान तक्ता

क्र.	उद्दिष्ट्ये	ज्ञान			आकलन			उपयोजन			एकूण
	उपघटक	व	ल	दी	व	ल	दि	व	ल	दि	
१.	प्लॅस्टिक	(e) e			(१) ३						(१०) १२
२.	थर्मोकोल				(१) २					(?)	(१) २
३.	काच				(१) ३					(१) ४	(२) ७
४.	काचेचे गुणधर्म									(१) ४	(१) ४
	एकूण	(e) e	—	—	(३) ८	—	—	—		(२) ८	(१४) २५
	एकूण	९			८			८			२५

• टिप - व = वस्तुनिष्ठ , ल = लघुत्तरी , दि = दिर्घोत्तरी

• घटक चाचणी •

श्री जैन विद्या प्रसारक मंडळ संचलित अध्यापक
महाविद्यालय , चिंचवड पुणे - ३३

शाळा

इयत्ता - ८ वी   विषय - विज्ञान   एकुण गुण - २५
तु   - अ   घटक - मानवनिर्मित पदार्थ   वेळ

विद्यार्थ्यांना सूचना :-
१) सर्व प्रश्न सोडविणे आवश्यक आहेत.
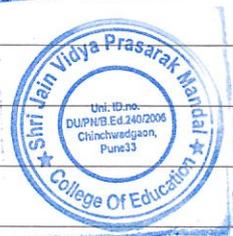२) उजव्या बाजूस दिलेली संख्या ही गुण दर्शविते.

प्रश्न.१ ला . रिकाम्या जागा भरा.   ——— ④

१) प्लॉस्टिकमध्ये _ _ _ _ _ हा गुणधर्म आहे, म्हणून
त्याला हवा तो आकार देता येतो.

२) मोटार भाट्यांना _ _ _ _ _ कोटींग करतात.

३) थर्मोकोल _ _ _ _ _ तापमानाला द्रव अवस्थेल जाते.

४) _ _ _ _ _ काच पाण्यात विरघळते.

प्रश्न २ रा. जोड्या लावा —————— ⑤

'अ' गट	'ब' गट
१) रिसेथुक्ल काच	अ) प्लेटस
२) बेकेलाइट	ब) चटया
३) थर्मोकोल	क) विद्युत वाहक
४) प्रकाशीय काच	ड) इलेक्ट्रिक स्विच
५) पॉलिप्रोपीलिन	इ) दुर्बीण

प्रश्न ३ रा. खालील प्रश्नांची उत्तरे २-३ ओळीत लिहा — (
(कोणतेही तीन प्रश्न सोडवा.)

१) थर्मोकोल कोणत्या पदार्थापासून तयार करतात ?

२) काचेमधील प्रमुख घटक कोणते आहेत ?

३) प्लॅस्टिक कसे तयार होते ?

४) PVC चे उपयोग लिहा.

प्रश्न ४ था. कोणत्याही दोन प्रश्नांची उत्तरे ७ ते ८ ओळीत लि

१) मानवनिर्मित पदार्थ व निसर्गनिर्मित पदार्थ यांतील
फरक स्पष्ट करा.

२) काचेचे गुणधर्म लिहा.

३) प्लॅस्टिकचे उपयोग लिहा.

Best of luck !!!