

Shivaji University, Kolhapur
B A (Part-I) Sem-I and II
Revised Syllabus to be implemented from 2010-11
(i.e. from June- 2010) onwards.

Sr.No.	Subjects	Name of the Paper
1.	B.A. Part-I Economics	
	Semester - I	Micro Economics Paper-I
	Semester - II	Economics of firms and Markets Paper- II
2.	Psychology	
	Semester - I	General Psychology Paper- I
	Semester - II	General Psychology Paper- II
3.	Political Science	
	Semester - I	Indian Government Paper- I
	Semester - II	Political Process in India Paper-II
4.	Sociology	
	Semester - I	Introduction to Sociology Paper- I
	Semester - II	Principals of Sociology Paper- II
5.	Philosophy	
	Semester - I	Outlines of Philosophy (Indian) Paper- I
	Semester - II	Outlines of Philosophy (Western) Paper- II
6.	Scientific Method (Comp)	
	Semester - I	Scientific Method (Comp) Paper- I
	Semester - II	Scientific Method (Comp) Paper- II
7.	B.A.- I History	
	Semester - I	Rise of the Maratha Power (1600 -1674) Paper- I
	Semester - II	Rise of the Maratha Power (1674 -1707) Paper- II
	B.Com.- I	History of Civilization
	Semester - I	History of Civilization Paper- I
	Semester - II	History of Civilization Paper- II
8.	Social Work	
	Semester - I	Introduction to Social Work Paper- I
	Semester - II	Introduction to Methods of Social Work Paper- II
9.	NSS	
	Semester - I	NSS Paper-I
	Semester - II	NSS Paper-II
10.	NCC	
	Semester - I	Basic Training in NCC Paper-I
	Semester - II	Adventure Activities in NCC Paper-II

11.	Education	
	Semester - I	Philosophy and Education paper- I
	Semester - II	Sociology and Education paper- II
12.	Physical Education	
	Semester - I	Introduction of Physical Education and Sports paper- I
	Semester - II	Introduction of Physical Education and Sports paper- II
13	Geography	
	Semester - I	Paper-I Introduction to Physical Geography.
	Semester - II	Paper-II Introduction to Climate.
14	S.T.D	
	Semester - I	Science Technology and Development (S.T.D.) Paper – I
	Semester - II	Science Technology and Development (S.T.D.) Paper – II
15	Home Science	
	Semester - I	Fundamentals of Food Science
	Semester - II	Fundamentals of Nutrition

Shivaji University, Kolhapur

B A (Part-I) Sem-I

Economics

Paper - I

Revised Syllabus to be implemented from 2010-11(i.e. from June- 2010) onwards.

Unit-I	Introduction
A)	Nature & Scope of economics, difference between Micro & Macro Economics
B)	Nature of Economic Problem
C)	Basic Postulates
D)	Meaning & Functions of Price Mechanism
Unit-II	Consumer's Behavior
A)	Utility- Concept- Law of diminishing marginal utility- Law of equi marginal utility- Consumer's Surplus
B)	Indifference curve analysis- Properties- Consumer's equilibrium
C)	Price, Income and substitution effects
Unit-III	Demand Analysis
A)	Law of Demand
B)	Elasticity of Demand, Types of Price elasticity of demand.
C)	Income and Cross elasticity of demand.
Unit-IV	Theory of Production and Cost
A)	Production Function- Law of variable proportions - Returns to scale

B)	Economics of Scale
C)	Costs Concepts their interrelationship
D)	Optimum firm

B.A. PART – I SEM - I

PSYCHOLOGY

GENRAL PSYCHOLOGY

PAPR- I

Unit. 1 Introduction to Psychology

- 1.1 Definition (Modern)
- 1.2 Approaches.
 - a) Biological
 - b)Psychodynamic
 - c)Behaviorist
 - d)cognitive
 - e) Humanistic
- 1.3 Methods :
 - a) Observation
 - b) Experimental method
 - c) Interview

Unit No.2 Biological Bases of Behavior

- 2.1 The Neuron
- 2.2 The Synapse
- 2.3 The Central Nervous System
- 2.4 The Peripheral and Autonomic Nervous System
- 2.5 Endocrine Glands

Unit No.3 Attention and Perception

- 3.1 Attention :
 - a) Definition
 - b) Types
 - c) Determinants
- 3.2 Perception
 - a) Definition
 - b) Perceptual organization

Unit No.4 Motivation

- 4.1 Motivation- Definition

- 4.2 Biogenic Motives
 - a) Hunger
 - b) Thirst
 - c) Sex
- 4.3 Sociogenic Motives :
 - a) Achievement Motivation
 - b) Aggression
- 4.4 Frustration – Definition and Sources
- 4.5 Conflict- Definition and Types

B.A. PART – I SEM - I

History

PAPR- I

RISE OF THE MARATHA POWER (1600 – 1674)

Unit- I Rise of the Maratha Power.

- a) Causes of the rise of Maratha Power.
- b) Birth, childhood and education of Chh. Shivaji Maharaj.
- c) Early activities of Chh. Shivaji Maharaj.

Unit – II Chh. Shivaji Maharaja’s conflict with Adilshahi kingdom.

- a) Expedition to Javali.
- b) Defeat of Afzalkhan.
- c) Siege of Panhala.

Unit – III Chh. Shivaji Maharaja’s conflict with the Mughals.

- a) Expedition of Shahistekhan.
- b) Attack on Surat.
- c) Expedition of Jaisingh and Agra visit of Chh. Shivaji Maharaj.

Unit – IV Chh. Shivaji Maharaja’s coronation.

- a) First coronation – causes.
- b) Account of the coronation and its importance.
- c) Second coronation.

List of Reference books:

- | | | |
|---|---|------------------------|
| 1) Rise of the Maratha Power | : | M. G. Ranade. |
| 2) Shivaji and his Times | : | Jadunath Sarkar. |
| 3) House of Shivaji | : | Jadunath Sarkar. |
| 4) Chhatrapati Shivaji | : | Setu Madhavrao Pagadi. |
| 5) History of the Maharattas, Vol- I | : | James Grant Duff. |
| 6) New History of the Maratha Power, Vol- I | : | G. S. Sardesai. |
| 7) The Rise of the Maratha Power, Vol- I | : | S.L. Karandikar. |
| 8) Shivaji the great, Vol. I, II, III, IV | : | Bal Krishna. |
| 9) Shivaji | : | S.V. Raddy |
| 10) मराठी सत्तेचा उदय | : | जयासिंगराव पवार |
| 11) मराठी सत्तेचा उदय | : | ए. जी. थोरात, |
| | | ए. वेक. वकारदगे, |

व्ही. पी. पवार,
व्ही. एस्. पवार,
षिरोळकर.

B.A. PART – I SEM - I
Political Science
Indian Government
PAPR- I

Unit-I A) Historical Background of Indian Constitution (period from 1909 to 1950)
B) Preamble and Basic Features of Indian Constitution

A+B
(6+6)=12

Unit-2 A) Fundamental Right

B) Fundamental Duties
C) Directive Principles of state policy

A+B+C
(8+2+4)=14

Unit-3 Organization of Union Government

A) Parliament A+B+C
B) President (6+4+4)=14
C) Prime Minister And Council of Ministers

Unit-4 Supreme Court

A) Composition
B) Power & Functions
C) Provisions made for Independence of Judiciary
including Judicial review

A+B+C
(4+4+4)= 12

Total: 12+14+14+12= 52

A) Basic Reading

- 1) G. Austin- The Indian Constitution : Corner stone of a Nation Oxford University press 1966
- 2) D.D.Basu- An Introduction to the Constitution of India New Delhi, Prentice Hall 1994
- 3) S.K. Chaube- Constituent Assembly of India Spring board Revolution
- 4) M.V. Pylee- Constitutional Govt. in India, Bombay Asia Pub. House 1977
- 5) M.V. Pylee - An Introduction to Constitution of India New Delhi.

B) Additional Reading

1. भारताचे संविधान – भारत सरकार विधिमंत्रालय प्रकाशन – 2006
2. डॉ. भोळे भा.ल. – भारतीय गणराज्याचे शासन आणि राजकारण पिंपळापूरे प्रकाशन नागपूर 2003
3. घांगरेकर – भारताचे शासन आणि राजकारण
4. बाचल आणि गोवळकर – भारताचे गणराज्य

C) Refernce Reading

1. टी.के. टोपे – भारताचे संविधान
2. किशोर बेडकिहाळ – भारतीय राजकीय व्यवस्था
बी. ए. भाग 1, राज्यशास्त्र पेपर – 1

भारतीय शासन

- घटक 1 – अ. भारतीय राज्यघटनेची ऐतिहासिक पार्श्वभूमी (1909 ते 1950)
ब. भारतीय राज्यघटनेचा सरनामा (उद्देशपत्रिका) आणि मुलभूत वैशिष्ट्ये
- घटक 2 – अ. मुलभूत हक्क
ब. मुलभूत कर्तव्ये
क. राज्याच्या धोरणांची मार्गदर्शक तत्वे
- घटक 3 – केंद्र सरकारचे संघटन
अ. संसद ब. राष्ट्रपती क. पंतप्रधान व मंत्रिपरिषद
- घटक 4 – सर्वाच्च न्यायालय
अ. रचना ब. अधिकार व कार्ये
क. न्यायालयीन स्वातंत्र्य – न्यायालयीन पुर्नविलोकन

B.A. PART – I SEM - I

(SOCIOLOGY) PAPR- I Introduction to Sociology

- 1 **The Nature of Sociology**
A) Sociology : Definition and Subject matter of Sociology
B) Origin and Development of Sociology : A Brief outline
C) Sociology as a Science
D) The uses of Sociology
- 2 **Basic Concepts**
A) Social Interaction : Meaning and Types
B) Society : Meaning, Characteristics of Human Society
C) Social Structure
- 3 **Social Institutions**
A) Meaning and Characteristics
B) Family : Definition and Distinctive Characteristics
C) Religion : Definition and functions
D) Education : Meaning and Types
- 4 **Culture**
A) Definition and characteristics
B) Components of Culture
C) Functions of Culture
D) Impact of Culture on personality

Books Recommended:

Brom, Leonard and Selznick Philip: *Sociology*, Raw, Peterson and Company, New York, 1957.

Chinoy, Ely : *Society –An Introduction to Sociology*, Random House, 1961

Daivd Dressler and Willis, W. M.: *Sociology -The study of Human Interaction*, Alfred A Knof, New York 1976

Davis, Kingsley : *Human Society*, Macmillan, New York, 1948

Harlambos, M. and R. M. Heald: *Sociology- Themes and Perspectives*, Oxford University Press, New Delhi, 1994

Horton and Hunt : *Sociology*, Mac Graw Hill, Tokyo, 1976

Inkeles Alex: *What is Sociology?* :Inglewood Cliffs, Inc., Prentice Hall, New Delhi 1964

Johnson, Harry M. : *Sociology -A Systematic Introduction*, Allied Publishers, Pvt. Ltd., Bombay New 1970

MacIver and Page : *Society - An Introductory Analysis*, Mac Millan & Co. Ltd., London, 1965

Rawat, H. K.: *Sociology*, Rawat Publications, Jaipur, 2007.

Tischler, H. L., Whitten, Phillip & Hunter, David E. K.: *Introduction to Sociology*, Holt, Rinehart and Winston, 1983

Salunkhe, Sarjerao: *Samajshastrateel Moolbhoot Sankalpana*, (in Marathi), Narendra Publication, Appa Balawant Chowk, Pune, 2006

Jadav, Ramesh: *Samajshastra* (in Marathi), C. Jamanadas and Co. Mumbai, 1988

Sangave, Vilas: *Samajshastra* (in Marathi), Popular Prakashan, Mumbai.

Nadgonde, Gurunath: *Samajshastra chi Mooltatve* (in Marathi), Continental Prakashan, Pune.

Bhandarkar, P. L and Vaidya N. S. : *Samajshastriya Siddhant*, Maharashtra Granth Nirmiti Mandal, Nagpur, 1986.

डॉ.साळुंखे सर्जेराव – संपादक सामाजशास्त्र परिचय, (दुरशिक्षण) 2008



B.A. PART – I SEM - I

Philosophy PAPR- I

Outlines of Philosophy (Indian)

Unit : 1		Nature of Indian Philosophy
	A)	Common Characteristics of Indian Philosophy
	B)	Kinds of Darshanas
	C)	Philosophy of Charavaka
		1) Theory of Knowledge
		2) Ethical Views
Unit : 2		Jaina Darshana
	A)	Nature and Principles of Ahimsa
	B)	Anekantavada : Nayavada and Syadavada
	C)	Jaina Metaphysics : Jiva and Ajiva
Unit : 3		Buddhism
	A)	Four Nouble – truths
	B)	Asthangyoga- marga
	C)	Doctrine of Pratyasamutpadvada
	D)	Concept of Nirvana
Unit : 4		Advaita Vedanta
	A)	Nature of Brahman
	B)	Mayavada and Sattatraya Sidhanta
	C)	Nature of Moksha

तत्त्वज्ञानाची रूपरेषा (भारतीय)

सत्र पहिले		
घटक : 1		भारतीय तत्त्वज्ञानाचे स्वरूप :-
	अ)	भारतीय तत्त्वज्ञानाची समान वैशिष्ट्ये
	ब)	दर्शनांचे प्रकार
	क)	चार्वाकांचे तत्त्वज्ञान
		1)ज्ञान विषयक उपपत्ती
		2)नीतिशास्त्रीय विचार
घटक : 2		जैन दर्शन
	अ)	जैन तत्त्वज्ञानाचे स्वरूप आणि अहिंसातत्त्व
	ब)	अनेकान्तवाद : नयवाद व स्याद्वाद
	क)	जैन : जीव व अजीव तत्त्वे
घटक : 3		बौद्ध दर्शन
	अ)	बौद्धांची चार आर्यसत्ये
	ब)	बौद्धांचा अष्टांग-मार्ग
	क)	प्रतित्यसमुत्पादवाद उपपत्ती
	ड)	निर्वाण संकल्पना
घटक : 4		अद्वैत वेदान्त
	अ)	ब्रह्माचे स्वरूप
	ब)	मायावाद व सत्तात्रय सिद्धांत
	क)	मोक्षाचे स्वरूप

Books for Reading		
1.	M.Hiriyanna	Outlines of Indian Philosophy
2.	S.Radhakrisnan	Indian Philosophy Vol-I & II
3.	Outlines of Philosophy	Shivaji University Publication Prof.Hirave, Prof.Waghmode, Porf.Nagare Prof.Pitke and Prof.Phatare
4.	श्री.ह. दीक्षित	भारतीय तत्त्वज्ञान
5.	श्री.द.वा. जोग	सर्वदर्शन संग्रह
6.	श्री.भा.ग. केतकर	भारतीय तत्त्वज्ञानाची रूपरेषा (अनुवादित)
7.	भारतीय तत्त्वज्ञानाची रूपरेषा	शिवाजी विद्यापीठ प्रकाशन प्रा.हिरवे, प्रा.नांगरे, प्रा.पिटके, प्रा.फरतारे, प्रा.वाघमोडे, प्रा.चौगुले

Scientific Method (Compulsory)

Unit : 1		Nature of Science
	A)	Definition and Characteristics of Science
	B)	Commonsense and Science
	C)	Classification of Sciences
		1) Natural and social Sciences
		2) Positive and alternative Sciences
Unit : 2		Postulates of Science
	A)	Uniformity of Nature
	B)	Principle of Causality
	C)	Objectivity
Unit : 3		Scientific Investigation
	A)	Stages of Scientific investigation
	B)	Nature and Characteristics of Scientific observation
	C)	Fallacies of observation
	D)	Merits and demerits of observation and Experiment
Unit : 4		Techniques of Social Research
	A)	Survey
	B)	Questionnaire
	C)	Interview

B.A. PART – I SEM - I

PAPR- I

(SOCIAL WORK)

INTRODUCTION TO SOCIAL WORK

Unit 1:- Nature Concept and Definition of Social Work, Characteristics of social work, principles of Social work, Objectives, Factors responsible for the development of social work in Indian.

Unit 2 :- History of social work in India.

Unit 3 :- A) Relationship of social work with other social Sciences-
1)sociology 2) psychology 3) Economics 4) Political Science
5) History
B) Social work & other Concepts- social work & Social welfare, social service, social security, Social reform,

Unit 4 :- Introduction to fields of Social work
1) Child welfare 2) Family welfare 3) Women welfare
4) Youth welfare 5) Rural welfare 6) urban welfare

B.A. PART – I SEM - I
PAPR- I
NATIONAL SERVICE SCHEME (N.S.S.) PAPER NO. 1

PREAMBLE:

The Board of Studies should briefly mention foundation, core and applied components of the course/paper. The student should get into the prime objectives and expected level of study with required outcome in terms of basic and advance knowledge at examination level.

Unit 1 : a) History and Philosophy of Social Science in India.

b) Contribution of Social Reforms in India :

- i) Mahatma Jotiba Phule.
- ii) Rajashri Shahu Chhatrapati.
- iii) Dr. B.R. Ambedkar.

Unit 2 : Social Sciences of :

- i) Gadge Baba.
- ii) Mother Teresa.
- iii) Baba Amte.
- iv) Abhay Bang and Rani Bang.

Unit 3: National Service Scheme :

- i) History and its objectives.
- ii) Organizational structure of N.S.S. at National, State, University, and College levels.
- iii) Advisory committee and their functions with special reference to college principal, programme officer, N.S.S. group leader and N.S.S. volunteers in the implementation.

Unit 4 : N.S.S. Regular Activities :

- i) Nature and scope.
- ii) College campus activities.
- iii) N.S.S. activities in Urban & rural areas special reference to slums adoption and slum improvement programme.
- iv) Placement of N.S.S. volunteers in Hospitals, Remand home, Jail, Institutions for physically and mentally & handicap children, Orphan houses, Homes for the senior citizens.

REFERENCE BOOKS

1. Chhatrapati Shahu – The Pillar of Social Democracy, Ed. P.B. Salukhe.
2. National Service scheme Manual, Govt. of India.
3. Training Programme on National programme scheme, TISS.
4. Orientation courses for N.S.S. programme officers, TISS.
5. Case material as Training Aid for field workers, Gurmeet Hans.
6. History of Freedom Movement in India, Vol.II, Tarachand.

7. Social Service Opportunities in Hospitals. Kapil K. Krishan, TISS.
8. Women and Law, J.B. Reddy.
9. Social Problems in India, Ram Ahuja.
10. History of Social Reforms in Maharashtra, Ed. J.Y. Bhosale, S.U. Kolhapur.

संदर्भ ग्रंथांची यादी

१. महात्मा फुले समग्र वाङ्मय, संपा., य.दि.फडके.
२. महात्मा फुले गौरव ग्रंथ, संपा., पी.बी.साळुंखे.
३. महात्मा फुले : शोधाच्या नव्या वाटा, संपा. हरी नरके.
४. क्रांती सुक्ते : राजर्षि छत्रपती शाहू, संपा, एस्.एस्. भोसले.
५. राजर्षि शाहू स्मारक ग्रंथ, संपा., जयसिंगराव पवार.
६. डॉ. बाबासाहेब आंबेडकर लेखन आणि भाषणे खंड १८, भाग १,२,३.
७. व्यावसायिक समाजकार्य, प्राजक्ता टांकसाळे.
८. गाडगे बाबा, वसंत पोतदार.
९. लोकोत्तर गाडगे बाबा, जीवन आणि कार्य, भोसले द.ना.
१०. बाबा आमटे, भ.ग.बापट.
११. मदर तेरेसा, अनुवाद दिपक शेडगे.
१२. भारतीय तत्वज्ञानाचा बृहद इतिहास, खंड १० वा.ना.जोशी.
१३. राष्ट्रीय सेवा योजना, पुरुषोत्तम शेठ, सौ.जयश्री खबारे, सौ.शैलजा माने.
१४. समाजकार्याची मूलतत्वे, पुरुषोत्तम थोटे.
१५. महाराष्ट्रातील समाजसुधारणेचा इतिहास, संपा. थोरात, भोसले, जाधव.
दूरशिक्षण केंद्र, शिवाजी विद्यापीठ, कोल्हापूर.
१६. भारतीय गणराज्याचे शासन आणि राजकारण, भास्कर लक्ष्मण भोळे,
पिंपळापुरे अँड पब्लिशर्स, नागपूर २००३.
१७. हिंदू विधी व तरतूदी, अँड. राजेश देवगांवकर.

B.A. PART – I SEM - I

PAPR- I

(N.C.C.) [Military Science] (Optional)

Basic Training in NCC

Unit I : NCC Organization :

- a) General Introduction to Defence Service.
 - i) Army ii) Navy iii) Air Force
- b) Organization of NCC, Moto and objectives of NCC
- c) Incentives of NCC
- d) NCC song

Unit II : Drill and Weapon Training

- a) Attention, Stand at easy and stand easy, turning
- b) Sizing forming up in threes, open and close order march and dressing.

- c) Characteristics of Rifle and Rifle ammunition.
- d) Stripping, assembling, care and cleaning & site setting
- e) Loading, Unloading & Bolt Operations.
- f) Holding & trigger operation and firing.

Unit III : Hygiene, Sanitation and Posture training.

- a) Personal hygiene & preventive measures.
- b) Purification of water & its storage
- c) Causes of bad posture and remedial & preventive measures.
- d) Correct standing & exercise.

Unit IV : Field Craft and Battle Craft

- a) Description of Ground
- b) Judging Distance
- c) Field Signal
- d) Section formation

B.A. PART – I SEM - I

PAPR- I

**JOURNALISM (Optional)
Principles of Journalism**

Unit -1 Journalism Definitions, Nature, scope and importance, Functions of News paper; Four Theories of Press- Authoritarian Theory, Libertarian or Free press Theory, Social Responsibility Theory and Communist Theory

Unit-2 Duties and responsibilities of press in society; Government and Press, Press in Democracy, Freedom of Press, Press Council of India.

Unit-3 Structure of a Newspaper organisation different sections and their functions, Duties and responsibilities of Reporter, Chief reporter; sub-editor, News-Editor, Editor.

Unit-4 Newspaper design and production - Printing technology, offset-printing Reference Library and Photo reference services, Internet and Web Journalism, video Conferencing, Journalism in 21st Century.

Reference Books :

1. Kamat M.V.; Prefessional Journalism : Vikas Publication, New Delhi
2. Padhya Prabhakar, 'Principles of Journalism' Popular, Mumbai.
3. Honenberg John; 'Professional Journalist'
4. पवार सुधाकर, 'वृत्तपत्रांचे तत्वज्ञान, विद्यापीठ ग्रंथनिर्मिती मंडळ, नागपुर.
5. नटराजन् एस, (अनुवाद देवदत्त दाभोळकर), 'लोकशाही व वृत्तपत्रे', समाज प्रबोधन संस्था, पुणे.

6. पाध्ये प्रभाकर, अनुवाद प्र.ना. परांजपे, वसुधा परांजपे, ' पत्रकारितेची मुलतत्वे ' मेहता पब्लिशिंग, पुणे.
7. धारूलकर वि.ल. 'आजकालची पत्रकारिता' रामराज्य प्रकाशन, औरंगाबाद.

B.A. PART – I SEM - I
GEOGRAPHY
Introduction to Physical Geography.
PAPR- I

SECTION-I

Unit 1: <u>Physical Geography.</u>	9
i) Definition, nature and scope. ii) Branches of physical geography. iii) Relation of physical geography with social sciences. iv) Approaches the study of Physical Geography v) Recent trends in physical geography.	
Unit 2: <u>The Earth Crust</u>	17
i) Characteristics of land and water distribution. ii) Evolution and distribution of Continents and Oceans. iii) Wegner's theory of continental drift. iv) Plate Tectonic theory.	
Unit 3: <u>Earth movements.</u>	17
i) Endogenetic and exogenetic forces and their effects. ii) Earthquake: causes, effects, and distribution. iii) Earthquakes in India.	
Unit 4: <u>Weathering.</u>	17
i) Weathering: physical, chemical and biological. ii) Concept of cycle of Erosion. Fluvial cycle of Erosion iii) Erosional and depositional features of River and Wind.	

REFERENCES

- 1) Clyton. K. (1986) - 'Earth Crust' Adus Brooks London.
- 2) Davis W.M. (1909) - 'Geographical Essay' Ginnia Co.
- 3) Garland G.D. (1966) - 'Continental Drift' Uni. of Torontp press- Canada.
- 4) Hodgson J.H. (1964) - 'Earthwakes and Structure' Prentice Hall inc.
- 5) Dayal B (1946) - 'A text book of Gemorphology' Shukla Book depot, Patana.
- 6) Kale V & Gupta (2001) - 'Elements of Geomorphology' Oxford Uni. Press Calcutta.Pub.

- 7) Pitty A.F. (1971) - 'Introduction of Geomorphology' Adus Brooks London.
- 8) Strahler A.N. (1968) - 'Physical Geography' Eastern P. Ltd. New Delhi.
- 9) Steers (1958) - 'Earth Crust' Adus Brooks London.
- 10) Monkhouse (1951) - 'Principle of Physical Geography' Me Graw Hill Pub-New York.
- 11) Wegner A. (1924) - 'The Origin of Continents and Oceans' Mathhen & Co. Ltd. London.
- 12) Wooldridge & Morgan (1966) - 'An Outline of Gemorphology' Longman London.
- 13) Savindersingh (1998) - 'Physical Geography' Prayag Pub. Allahabad.
- 14) Triwartha (1980) - 'An Introduction to climate' Tata Mc. Gran Hill Pub London.
- 15) Griffith J.F. - 'Applied Climatology'
- 16) घारपूरे विठ्ठल (2003)– भूरूपशास्त्र (दूसरी आवृत्ती) पिंपळापूरे प्रकाशन, नागपूर.
- 17) घारपूरे विठ्ठल (2001)– प्राकृतिक भूगोलाची मूलतत्वे पिंपळापूरे प्रकाशन, नागपूर.
- 18) घारपूरे विठ्ठल (2004)– हवामानशास्त्र (दूसरी आवृत्ती) पिंपळापूरे प्रकाशन, नागपूर
- 19) . तावडे मो. द. – प्राकृतिक भू विज्ञान, म. वि. ग्रंथ नि. मंडळ. नागपूर.
- 20) . तावडे मो. द – भूरूपशास्त्र, म. वि. ग्रंथ नि. मंडळ. नागपूर.
- 21) . दात एस. पी. – प्राकृतिक भू विज्ञान विद्या प्रकाशन. नागपूर.
- 22) . पवार सी. टी, आडसूळ इ. – प्राकृतिक भू विज्ञान सप्रेम प्रकाशन. कोल्हापूर.
- 23) गुप्ते, तावडे – प्राकृतिक भू विज्ञान, म. वि. ग्रंथ नि. मंडळ. नागपूर.
- 24) केचे, सवदी (1996)– भूमिस्वरूपे निराली प्रकाशन, पुणे.
- 25) सवदी कोळेकर (2004)– प्राकृतिक भूगोल निराली प्रकाशन, पुणे.
- 26) खतीब के. ए. – प्राकृतिक भूगोल मेहता प्रकाशन, पुणे.
- 27) सारंग सुभाषचंद्र – प्राकृतिक भू विज्ञान विद्या प्रकाशन, नागपूर.
- 28) Majid Hussain 2001 - 'Principals of physical Geography' 'Rawat; Publication- Jaipur.
- 29) सवदी-कोळेकर- भूगोलाची मुळतत्वे –खंड-1 निराली प्रकाशन-(2009)
- 30) सवदी-कोळेकर- प्राकृतिक भूगोल- शिवाजी विद्यापीठ निराली प्रकाशन-(2009)

Science Technology and Development (S.T.D.) - I

Specific Objectives:-

A brief note :- (On expected level of study from examination and assessment point of view)

No.of Lectures
(No.of Lectures – 15)

Unit 1

Introduction to Science and Technology

- 1.1) Science and Technology : Definitions Nature, Scope and Science its Types
- 1.2) Fundamental Concepts in Scientific Thinking
- 1.3) Stages in the Study of Science observation, experiment – Analysis, Result and Hypothesis
- 1.4) Science and Superstitions
- 1.5) Scientific outlook and social development
- 1.6) A brief history of science and technology

Unit 2 (No.of Lectures – 15)

Contribution of eminent scientist in fundamental sciences

- | | |
|------------------|---------------|
| 2.1) Aristotle | 2.2) Newton |
| 2.3) Lui Pascher | 2.4) Einstein |
| 2.5) Edison | |

Unit 3 (No.of Lectures – 15)

Power Resources of India

- 3.1) Concept of Resource and Classification of Resources and Conservation
- 3.2) Non Conventional Power Resources
 1. Solar Energy
 2. Wind Energy
 3. Bio Gas Energy
 4. Hydel Power Energy
 5. Geo Thermal Energy
 6. Nuclear Power Energy

Unit 4 (No.of Lectures – 15)

Science, Technology and Human Health

- 4.1) Impact of science and technology on human health
- 4.2) Human Blood – Blood Groups, Importance of matching blood group in human health
- 4.3) AIDS – A Challenge before world facts, figures, causes, effects, treatment, prevention misbelips and facts social outlook.
- 4.4) Addiction a social problem types, causes, effects and solution

4.5) Public Health : social need, Gramswachhata
Abiyan, Nirmal Gram
Yojana.

(vi) Recommended Reading :
(In MLA/APA Style Sheet Format)

a) Basic Reading :-

b) Additional Reading :-

c) References :-

1. Baliga A. V.(Ed) : Science and Society. Lalvani Publishing House, 1972.
2. Bose D. M. (Ed) : A Concise History of Science in India. Indian National Science Academy, 1971
3. Butle J.A.V. : Science and Human Life. Pergamon Press, London.
4. Encyclopedia Britannica
5. Every Man's Science. Vol. 4 (1), 1969; 6 (1), 1971; 7 (2), 1972, 9 (3), 1974; 10(3), 1975; 10(6), 1975.
6. Flower W.S. : The Development of Scientific Method. Pergamon Press, London, 1962
7. Giorgio de Santilama : The Origins of Scientific Thought. New American Library, 1961.
8. Gupta. S. P. : Science Technology and Society in the Modern Age. Ajanta Books International, Delhi.
9. Moorehouse W. (Ed) : Science and Human Condition in India and Pakistan. Popular Prakashan, 1968.
10. Sarabhai Vikram : Science, Policy and National Development. McMillan Pub., New Delhi, 1974.

मराठी पुस्तके :-

- 1 कमलाकर दिक्षीत : विज्ञानाचा समाज धारणेवरील परिणाम, समाज प्रबोधन संस्था
- 2 शहा अ.भि. : शास्त्रीय विचार पद्धती, समाज प्रबोधन संस्था
- 3 संपादन : जीवनाभिमुख विज्ञान, शिवाजी विद्यापीठ, कोल्हापूर प्रकाशन
- 4 संपादन : वैज्ञानिक अभ्युदयाची गाथा, शिवाजी विद्यापीठ, कोल्हापूर प्रकाशन
- 5 मराठी विश्वकोष

PAPR- I
(HOME SCIENCE)
FUNDAMENTALS OF FOOD SCIENCE

WORK LOAD

THEORY : 2 LECTURES / WEEK

PRACTICAL : 2 LECTURES / WEEK/ BATCH

TOTAL MARKS: 50

THEORY : 40

PRACTICAL : 10

Objectives :

This course will enable the students to

1. understand the functions of food.
2. be familiar with the different methods of cooking, their advantages and disadvantages.
3. know and identify the common adulterants.

COURSE CONTENT.

THEORY

Unit I -- INTRODUCTION TO FOOD:

08

- Definition and concept of food.
- Functions of food.
- Classification of food –
According to -
 - Food Science.
 - Five basic Food groups.
- Selection of Food.

Unit II -- METHODS OF COOKING:

10

- Objectives of Cooking.
- Traditional cooking methods :
 - Boiling, steaming, pressure cooking, roasting, baking, frying, combination.
- Recent cooking methods –
 - Solar, Microwave, infrared.
- Advantages and disadvantages of various cooking methods.

Unit III – FOOD ADULTERATION:

08

- Definition of adulterant and food adulteration.
- Common food adulterants.
- Identification of food Adulterants.
- Food Adulteration Prohibition Act.

Unit IV – FOOD HYGIENE AND FOOD SAFETY:

- Definition and importance.
- Guidelines for safe handling of food for maintaining food Hygiene.

PRACTICALS :

I	INTRODUCTION TO LABORATORY RULES	2
II	BASIC TERMINOLOGY USED IN FOOD PREPARATION	2
III	WEIGHT AND MEASURES	2
IV	PREPARATION OF RECEIPIES BY USING FOLLOWING	5
	COOKING METHODS (Any one Recipe from each method)	
1)	Steaming - Idali / Dhokala / Modak	
2)	Deep Frying - Samosa / Bhakarvadi / Pakoda	
3)	Shallow Frying - Cutlate / Paratha / Uttapa	
4)	Baking - Cake / Nankhtai / Biscuit	
5)	Combination - Pulao / Gulabjam / Kheer	
6)	Recent Cooking methods - Inframatic / Microwave / Solar	
7)	Identification of food Adulteration (Any Five)	1

● Nature of Practical Examination - Total Marks 10

- 1) Preparation of any one recipe using given cooking methods : 8 marks

● Scheme of marking

- Writing of ingredients and method - 04 marks
- Organoleptic evaluation - 04 marks
- (Taste, Texture, Appearance, overall - 1 mark each.)

- 2) Practical book : 2 marks

References :

- 1) B. Shrilakshmi - Food Science (second edition)
New Age International (P) Ltd. Publishers,
New Delhi.
- 2) Sumati R. Mudambi - Fundamentals of Food and Nutrition
(third edition) Wiley Eastern Ltd., New Delhi.
- 3) Norman N. Potter - Food Science (fifth edition)
Joseph H. Hotchkiss CBS Publishers and Distributors, New Delhi.
- 4) डॉ. आशा देऊस्कर - मानवी पोषण व आहारशास्त्राची मुलतत्वे,
विद्या प्रकाशन, नागपूर.
- 5) मंगला कानगो - पोषण एवं पोषाहार
पंचशील प्रकाशन, जयपूर

PAPR- I
Philosophy and Education

UNIT I) Role of Philosophy in Education

- (A) Concept of philosophy and Education
- (B) Relation Between philosophy and Education with regard to following Educational components.
 - (1) Aims
 - (2) Curriculum
 - (3) Methods of teaching
 - (4) Discipline
 - (5) Pupils and teacher

UNIT II) Function of Education

- (A) Individual Development
(Development of knowledge, skill, Interest Appreciation)
- (B) Preservation and transmission of Heritage.

UNIT III) Freedom and Discipline

- (A) Concept of Freedom and Discipline.
- (B) Cause of Indiscipline and remedies to mention discipline.

UNIT IV) Some Major Schools of Philosophy and Study of some Educators.

- (A) Education for Masses- Dr. Karmveer Bhaurao Patil
- (B) Education of Bowntroddens – M. Phule

B.A. PART – I SEM - I
PAPR- I
शिक्षणशास्त्र – अभ्यासक्रम
(तत्त्वज्ञान आणि शिक्षण)

प्रकरण-1 तत्त्वज्ञानाची शिक्षणातील भूमिका

- अ) तत्त्वज्ञान आणि शिक्षण यांच्या संकल्पना
- ब) तत्त्वज्ञान आणि शिक्षण यांच्यातील संबंध—खालील घटकांच्या संदर्भात

- 1) शिक्षणाची ध्येये
- 2) अभ्यासक्रम
- 3) अध्यापन पद्धती
- 4) शिस्त
- 5) विद्यार्थी – शिक्षक

प्रकरण-2 शिक्षणाची कार्ये

- अ) व्यक्तिविकास (ज्ञान, कौशल्य, अभिरुची, गुणग्राहकत्व)
- ब) सांस्कृतिक वारशाचे जनत आणि संक्रमण

प्रकरण-3 शिस्त आणि स्वातंत्र्य

- अ) शिस्त आणि स्वातंत्र्याच्या संकल्पना
- ब) बेशिस्तीची कारणे आणि शिस्त राखणेसाठी उपाययोजना

प्रकरण-4 अ) बहुजन समाजसाठी शिक्षण – डॉ. कर्मवीर भाऊराव पाटील

- ब) पददलितांचे शिक्षण— म. ज्योतीराव फूले

B.A. PART – I SEM - I

PAPR- I
PHYSICAL EDUCATION (Optional)

Introduction of Phy. Education and Sports

Theory : 25 Marks (2 hours)

Practicals – 25 Marks

A – 25 Marks Pra. Exam.

(2 Periods for Theory + 2 Periods for Practical per week)

A batch of 20 students for practical period and Exam.:-

Per Unit 15 Period

Unit 1 :The meaning of Phy. Education and Sports

A) Meaning, Definition and concept of Phy. Edu.

B) Changing concept of Phy. Education

- a) Exercise
- b) Physical Training
- c) Gymnastics
- d) Recreation
- e) Games & Sports
- f) Health & Phy. Education

Unit 2 : Aim and Objectives of Phy. Education

A) General Aim

B) Objectives

- a) Organic Power
- b) Phy. Skills
- c) Mental and Emotional Development
- d) Social Development
- e) Professional Development
- f) National integration

Marking System :

Practical Examination - 25 Marks

I) Athletics – 10 Marks

1. Sprinting – 100 M – 3 marks.

a) The candidates running 100 Mtrs.

100 Mtrs. (Men) - 14.00 to 14.50 Sec. -3 Marks
- 14.50 to 15.50 Sec. - 2 Marks
- 15.50 to 16.50 Sec. -1 Mark

100 Mtrs. (Women)- 16.00 to 16.50 Sec. - 3 Marks
- 16.50 to 17.50 Sec. - 2 Marks
- 17.50 to 18.50 Sec. - 1 Marks

a) For Technique & Modern Style – 2 Marks

2. Shot-put - 05 Lbs - 3 Marks
- a) Performance - 5.50 Mtrs. - 3 Marks
- (Men) - 5.00 Mtrs. - 2 Marks
- 4.50 Mtrs. - 1 Mark
- (Women) - 5.00 Mtrs. - 3 Marks
- 4.50 Mtrs. - 2 Marks
- 4.00 Mtrs. - 1 Mark
- b) For Technique & Modern Style - 2 Marks

II) One Indian Game : Kabaddi– 10 Marks.

- a) Fundamental skills - 6 Marks
- b) Knowledge of rules and regulations - 4 Marks

III) Indian Exercises: 05 Marks

A. Suryanamaskar- Boyes-20, Girls-15 - 5 Marks

N. B. 1 : Separate Heads of passing –

- a) Theory Papers – Minimum passing 8 Marks Out of 25.
- b) Practical – Minimum Passing 9 Marks Out of 25
- c) Total Passing (Theory & Practical) – Minimum 17 Marks. out of 50 Marks.

N. B. 2 : Practical Examination conducted –

- a) A batch of 20 students for Practical Period & examination.
- b) One organizer (Internal subject teacher).
- c) Two Examiner appointed by University.
- d) Peons – Two peons for Ground marking, water supply, equipment supply and collecting etc.

= RESULT SHEET = (Practical) Semester -I

Exam No.	Roll No.	Name	Athletics	Indian Game	Indian Exercises	Total
			10	10	5	25

N. B. 1 : Theory paper shall be of 1 1/2 hours duration carrying 25 Marks.

2- The Practical will carry 25 Marks.

- a) Practical examination shall carry 25 marks.

(टिप:-Norms, Revise केल्याप्रमाणेच राहतील.)

Books Recommended

1. शारीरिक शिक्षण : तत्वे व स्वरुप – भा. रा. गोगटे, अखिल महाराष्ट्र शारीरिक शिक्षण मंडळ प्रकाशन, पुणे.
2. शारीरिक शिक्षण : तत्वे व व्यवस्थाद्ध हिराजी पाटील, ठोकळ प्रकाशन, पुणे.
3. शारीरिक शिक्षणाचे स्वरुप : प्रा. श्रीपाल जर्दे व सौ. सुनिता जर्दे, चंद्रमा प्रकाशन, कोल्हापूर.
4. शारीरिक शिक्षणाचा ओनामा : भा. रा. गोगटे, व्हीनस प्रकाशन, पुणे.
5. क्रीडा मानसशास्त्र : डॉ. प. म. आलेगांवकर, श्री. गजानन बुक डेपो, पुणे-30.
6. शारीरिक शिक्षणाचे आधुनिक स्वरुप : दि. गो. वाखारकर, नीलकंठ प्रकाशन व अध्यापन पध्दती पुणे.
7. Principles of Physical Education : J. F. Williams, W.B. Sanders Complaney, Philadelphia, London.
8. Scientific Foundations of Physical Education : C.C. Cowell, Happer and Brothers, New Your.
9. Foundation of Physical Education – C. A. Bucher, W. B. Sanders Company, Philadelphia, London.
10. Recreation and Physical Fitness for Youths and Men : Board of Education, London.
11. Physical Education : Interpretations and objectives – J. B. Nash, The Ronald Press Company – New York.
12. Introduction to Physical Education : L. R. Sharman, A. S. Barnes and Company, New York.
93. कबडडी – नरेंद्र दाभोळकर, म.वि.ग्रं. नि. मंडळ, नागपूर.
14. कबडडी – प्रा. श्रीपाल जर्दे व प्रा. विजय पाटील, अंबा प्रकाशन, कोल्हापूर.
15. कबडडी – प्रा. एन. एम. भैरट.
16. आधुनिक हॉलीबॉल – व्यंकटेश वांगवड, गजानन बुक डेपो, पुणे-30.
17. अॅथलेटिक्स – राम भागवत, टॅक अँड फोल्ड पब्लिकेशन, पुणे-9.
18. मैदानी स्पर्धा व नियम आयोजन – रमेश तावडे, राम भागवत ट्क अँड प्रकाशन, पुणे.

**समाजिकशास्त्रे व शिक्षणशास्त्र विद्याशाखेच्या सत्र पध्दतीनुसार
(40 गुणांचे) कॉमन प्रश्नपत्रिकेचे स्वरुप**

प्रश्न 1	वस्तुनिष्ठ प्रश्न	05 गुण
प्रश्न 2	टीपा लिहा / लघुत्तरी प्रश्न (5 पैकी 3 – प्रत्येक प्रश्नाकरीता 05 गुण)	15 गुण
प्रश्न 3	दीर्घोत्तरी प्रश्न (3 पैकी 2 – प्रत्येक प्रश्नाकरीता 10 गुण)	20 गुण
	एकुण गुण	40

Q. No. 1 to 3 are Compulsory

बी.ए. भाग- 1 अर्थशास्त्र
समकक्ष विषय

बी.ए. भाग— 1 मानसशास्त्र
सकमक्ष विषय

बी.ए. भाग— 1 इतिहास
सकमक्ष विषय

Sr. No.	Title of old Paper	Title of New Paper
1.	The Rise of Martha Power	1) Sem. I – Rise of the Maratha Power (1600-1674) 2) Sem. II - Rise of the Maratha Power (1675 – 1707)

बी.ए. भाग— 1 राज्यशास्त्र

सकमक्ष विषय

Sr. No.	Title of Old Paper	Title of New Paper
1.	Paper I Indian Government and Politics	1. Sem-I Indian Government 2. Sem-II Political Process in India.

बी.ए. भाग— 1 समाजशास्त्र

सकमक्ष विषय

Sr.No.	Title of old paper	Title of New paper
1)	Introduction to Sociology	Introduction to Sociology Sem.- I Paper- I Principles of Sociology Sem.- II – Paper- II

बी.ए. भाग— 1 तत्वज्ञान

सकमक्ष विषय

Sr.No.	Title of old paper	Title of New paper
1)	Out lines of Philosophy Paper- I (Indian & Western)	1) Outlines of Philosophy Paper-I (Indian) Sem.- I 2) Outlines of Philosophy Paper-I (Western) Sem.- II

बी.ए. भाग— 1 वैज्ञानिक पद्धती

सकमक्ष विषय

Sr.No.	Title of old paper	Title of New paper
1)	Scientific Method (Compulsory)	3) Scientific Method (Compulsory) Sem.- I 4) Scientific Method (Compulsory) Sem.- II

बी.ए. भाग— 1 समाजकार्य

सकमक्ष विषय

Old Subject	New Subject
Introduction to Social Work	Sem-I Introduction to Social Work Sem-II Introduction to Methods of Social Work.

बी.ए. भाग— 1 एन.एस.एस.

समकक्ष विषय

Sr. No.	Title of Old Paper	Title of New Paper
1.	N.S.S. Paper I	N.S.S. Paper I Semester-I
		N.S.S. Paper I Semester-II

B.A.-I NCC [Military Science]

समकक्ष विषय

Pre-Revised	Revised
NCC (Military Science) Optional Paper - I	Basic Training in NCC Paper-I (Semester-I)
	Adventure Activities in NCC Paper-II (Semester—II)

बी.ए. भाग— 1 वृत्तपत्रविद्या व संवादशास्त्र

समकक्ष विषय

Old Paper	New Paper
Journalism and New Reporting	1) Principles of Journalism –Sem.- I Paper-I 2) Basics in Reporting of Editing – Sem.-II Paper-II

बी.ए. भाग— 1 भूगोल

समकक्ष विषय

Sr. No.	Title of Old Paper	Title of New Paper
1.	Physical Geography	Paper– I (Sem-I) Introduction to Physical Geography. Paper-II(Sem-II) Introduction to Climate.

बी.ए. भाग— 1 एस.टी.डी.

समकक्ष विषय

Sr.No.	Title of Old Paper	Title of New Paper
1.	Science Technology and Development (S.T.D.) (Old)	Science Technology and Development (S.T.D.) Paper – I (New)

बी.ए. भाग— 1 होम सायन्स
समकक्ष विषय

Sr.No.	Title of old Paper	Title of New Paper
1)	Food and Nutrition	5) Fundamentals of Food Science Sem.-I 6) Fundamentals of Nutrition Sem.-II

बी.ए. भाग— 1 शिक्षणशास्त्र
समकक्ष विषय

Title of old paper	Title of New paper
Philosophy Education and Sociology Education	Philosophy and Education Sem.- I Paper –I Sociology and Education Sem.-II Paper-II

बी.ए. भाग— 1 शारिरिक शिक्षणशास्त्र
समकक्ष विषय

B.A.Part-I	B.A Part-I
Title of old paper	Title of New paper
Introduction of Phy. Education and Sports	Introduction of Phy. Educationand Sports Paper -I Introduction of Phy. Educationand SportsPaper-II