

B A Part-I Sem-II
Economics
Paper-II
Economics of Firms and Markets -I

Unit-I	Forms of Market
A)	Perfect Competition – Characteristics, equilibrium of the firm.
B)	Monopoly- Characteristics, Price determination, Price discrimination
Unit-II A)	Monopolistic Competition-
	Characteristics, short run and long run equilibrium of a firm.
B)	Characteristics of oligopoly
Unit-III	Factor Pricing - I
A)	Marginal Productivity theory of distribution.
B)	Rent- Ricardian theory of Rent
C)	Modern theory of rent- Quasi Rent
D)	Wages and Causes of wage differentials- Wages and Collecting bargaining.
Unit-IV	Factor Pricing-II
A)	Interest- Classical theory of interest
B)	Lonable fund theory of Interest- Liquidity Preference theoro of Interest
C)	Profit- Innovation theory
D)	* Risks Bearing theory of Profit- * Uncertainty theory of Profit-

B A Part-I Sem-II
General Psychology
Paper-II

Unit. 1	Learning
1.1	Definition
1.2	Classical Conditioning
1.3	Operant Conditioning
1.4	Observational Learning
Unit No.2	Memory and Forgetting
2.1	Definition of Memory
2.2	Memory Processes :
	a) Encoding
	b) Storage
	c) Retrival processes
2.3	Types of Memory
	a) Sensory

	b) STM
	c) LTM
2.4	Freighting
	a) Definition
	b) Causes-
	Decay, interference, retrieval, failure, motivating, forgetting, Amnesia
Unit No.3	Intelligence
3.1	Definition
3.2	Theories of Intelligence- Factor Theories
3.3	Measuring Intelligence : Age scales-Binet Scales, S.B. Scales (1916,1937, &1960)
Unit No.4	Personality
4.1	Definition
4.2	Type Approaches- Hippocrates, Kreshmer, Sheldon, Jung and Eysenzk
4.3	Trait Approches- Allport, Rotter
4.4	Psychoanalytic Approach
4.5	Measuring Personality : Projective techniques- Rorschach, TAT

Books for Reading		
1.	Feldman Roberts S. (1996) :	Understanding Psychology, Tata-McGraw Hill, 4 th Edition
2.	Zimbardo (1985) :	Psychology and Life Scott Foresman and Co. London.
3.	Lefton L.A. and Laura Valvatue (1980) :	Mastering Psychology, 2 nd Edition, Allyn and Bacon Inc.
4.	Baron R.A. (1995) :	Psychology : The Essential Science New York, Allyn & Bacon

Reference Books		
1.	Feldman, Roberts S (2005) :	Understanding Psychology, Tata McGraw Hill Publishing Company Limited, New Delhi, 6 th Edition
2.	Fernald L. Dodge and Fernald, Peter S. (2005) :	Munn's Introduction of Psychology, Fifth Edition, A.I.T. B.S. Publishers and Distributors, Delhi.
3.	Passer, Michael W., Smith, Ronald E : Psychology :	The Science of Mind and Behavior, Third Edition, Tata McGraw Hill Publishing Company Limited New Delhi.
4.	प्रा.हिरवे, प्रा.तडसरे (2003)	सामान्य मानसशास्त्र, फडके प्रकाशन, कोल्हापूर.
5.	कोटूरकर, वा.कृ. (1990)	तुमच्याही लक्षात राहील. (आठवण आठवण), ज्ञानप्रबोधिनी प्रकाशन. पुणे.
6.	पंडित कुलकर्णी, मोरे (1999)	सामान्य मानसशास्त्र, पिंपळापुरे अँड कं. पब्लिशर्स, नागपूर

B A Part-I Sem-II
History
Paper No. II
RISE OF THE MARATHA POWER (1675 – 1707)

Unit – V Chh. Shivaji Maharaja's Karnatak expedition.

- a) Causes
- b) Achievements of the expedition.
- c) Importance

Unit – VI Chh. Shivaji Maharaja's Administrative System.

- a) Astapradhans.
- b) Fort administration.
- c) Naval Policy.

Unit – VII Maratha – Mughal relations (1681-1707)

- a) Chh. Sambhaji. (1681-1689)
- b) Chh. Rajaram. (1689 – 1700)
- c) Maharani Tarabai. (1700 – 1707)

Unit – VIII Social and Economic Condition.

- a) Village Communities.
- b) Agricultural Production.
- c) Industries – Trade and Commerce.

List of Reference books:

- a) Maratha – Mughal Relation, 1680 - 1707 : Setu Madhavrao Pagadi
- b) The Life of Shivaji Maharaj : N. S. Takakhav
- c) The founding of Maratha Freedom : S. R. Sharma.
- d) The deliverance or the Escape of Shivaji The great from Agrha : G. K. alias Babasaheb Deshpande.
- e) English Records on Shivaji – Shivaji Tercentenary Memorial Series – Vol. VI : B. I. S. M., Pune.
- f) Foreign Biographies of Shivaji : S. N. Sen.
- g) Tarabai and her Time : Brij Kishore.
- h) मराठी सत्तेचा उदया : जयासिंगराव पवार
- i) शिवपुत्रा संभाजी – : वकमल गोखले
- j) ज्वलज्ज्वलनतेजस संभाजीराजा – : सदाशिव शिवदे.
- k) मराठी सत्तेचा उदया – : ए.जी. थोरात,
ए.वेक.वकारदगे,
व्ही.पी.पवार,
व्ही.एस.पवार,
शिरोळकर.

B A Part-I Sem-II
Paper-II
Political Process in India

Unit – I Centre-State Relations

- A) Legislative
- B) Administrative A+B+C
- C) Financial (4+4+4) = 12

Unit – 2 Electoral Process in India

- A) Election Commission
- B) Electoral Reforms A+B+C
- C) Review of India's electoral experience (2+4+4) = 10

Unit – 3 A) Political Parties=party system

National Congress 3

BJP 3

Communist Party 2

B) Changing nature of party system form one party Dominant system to multi party system A+ B

(8+6) = 14

Unit – 4 Nation Building process in India and Challenges before it

A) Nation Building process 4

B) B) Challenges before building of nation – Casteism 3

Communalism 3

Regionalism 3

Terrorism 3

B A Part-I Sem-II
Paper-II
राज्यशास्त्र

भारतातील राजकीय प्रक्रिया –

घटक 1 – केंद्र – राज्यसंबंध

- अ. कायदेविषयक
- ब. प्रशासकीय
- क. आर्थिक

घटक 2 – भारतातील निर्वाचन प्रक्रिया

- अ. निर्वाचन आयोग
- ब. निर्वाचन विषयक सुधारणा
- क. भारतातील निवडणूकांचा आढावा

- घटक 3 – अ) राजकीय प्रश्न व पक्षपद्धती राष्ट्रीय काँग्रेस, भारतीय जनता पक्ष, साम्यवादी पक्ष
ब) राजकीय प्रश्नपद्धतीमधील स्थित्यंतरे – एक प्रबळ पक्षपद्धती ते बहुपक्षपद्धती

घटक 4 – राष्ट्र निर्मितीची प्रक्रिया त्यासमोरील आव्हाने

- अ. राष्ट्र निर्मितीची प्रक्रिया
ब. राष्ट्र निर्मिती समोरील आव्हाने
जातीयवाद , जमातवाद, प्रादेशिकतावाद, दहशतवाद.

A) Basic Reading

- 1) P.R. Brass- Language, Religion and Politics in North India
- 2) D.C. Gupta- Govt & Politics in India.
- 3) A.Kohil- India's Democracy. An Analysis of changing state society relations.
- 4) P.R. Brass- Politics of India since Independence 2nd ed. Cambridge University Press 1974
- 5) N.Chandoke- Beyond Secularism : The Rights of Religious Minorities Delhi, OOP- 1999
- 6) Moin Shakir, state and Politics in Contemporary India, Delhi Ajanta, 1986
- 7) Myron Weiner-Party politics in India Princeton University Press 1957
- 8) Chand A. Federalism in India

B) Recommended Books

- 1) Fadia Babulal- The Constitution of India 2004
- 2) Johari J.C.- Indian political system-Anmol Pub Delhi- 1996
- 3) Pylee M.V. – Constitutional Government in India S. Chand & Co. Ltd 1984
- 4) S.P. Sathe- Judicial Activism & Consitutional Democracy in India Bombay N.P. Tirupathi – 1992
- 5) र. घ. वराडकर .
- 6) चिं.ग. घांगरेकर – भारतीय राज्यघटना – स्वरूप आणि राजकारण मंगेश प्रकाशन नागपूर
- 7) प्रा.बी.बी. पाटील – भारतीय शासन आणि राजकारण – फडके प्रकाशन, कोल्हापूर

C) Additional Reading

- 1) भा. ल. भोळे – भारतीय गणराज्याचे शासन आणि राजकीय – पिंपळापूरे अँड कंपनी पब्लिशर्स – नागपूर 2003
- 2) Kothari Rajan – Caste in Indian Politics orient Longman

B A Part-I Sem-II
Paper-II
SOCIOLOGY
Principles of Sociology

- 1) **Socialization**
 - A) Definition and process of socialization
 - B) Agencies of Socialization
 - C) Importance of Socialization
- 2) **Social Groups**
 - A) Meaning and Characteristics of social Groups
 - B) Bases of Classification of Social Groups
 - C) Primary and Secondary Groups
- 3) **Social Deviance and Control**
 - A) Social Deviance : Meaning and causes
 - B) Meaning of Social Control
 - C) Functions of Social Control
 - D) Forms of Social Control
- 4) **Social Change**
 - A) The Meaning of social change
 - B) Factors of social change
 - C) Obstacles to Social change

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.

श्री.मोहिते एस.एल. – संपादक सामाजशास्त्र परिचय, – 2 (दूरशिक्षण) 2008

.....

B A Part-I Sem-II
Philosophy Paper-II
Outlines of Philosophy (Western)

SEMESTER -II		
Unit : 1		Philosophy of Socrates & Plato
	A)	Socrates
		1) Socratic Method
		2) Ethical Teachings
	B)	Plato
		1) Theory of Knowledge
		2) Doctrine of Ideas
Unit : 2		Philosophy of Aristotle
	A)	Theory of Causation
	B)	Doctrine of Form & Matter
	C)	Views on God
Unit : 3		Philosophy of Rene Descartes
	A)	Method of Doubt
	B)	Cogito Ergo sum
	C)	Mind-Body Interactionism
	D)	Nature and proof for existence God
Unit : 4		Philosophy of Locke
	A)	Expiricism
	B)	Origin of Ideas
	C)	Theory of Knowledge

B A Part-I Sem-II
Paper-II
तत्त्वज्ञान पेपर –1
तत्त्वज्ञानाची रूपरेषा (पाश्चिमात्य)

सत्र दुसरे		
घटक : 1		सॉक्रेटिस व प्लेटोचे तत्त्वज्ञान
	अ)	सॉक्रेटिस
		1)सॉक्रेटिसची पद्धती

		2)सॉक्रेटिसची नैतिक शिकवण
	ब)	प्लेटो
		1)प्लेटोची ज्ञान उपपत्ती
		2)प्लेटोची कल्पना उपपत्ती
घटक : 2		अॅरिस्टॉटलचे तत्त्वज्ञान
	अ)	कारण उपपत्ती
	ब)	आकार व द्रव्यतत्त्व
	क)	ईश्वरविषयक विचार
घटक : 3		रेने देकार्तचे तत्त्वज्ञान
	अ)	संशय पद्धती
	ब)	मी जाणतो म्हणून मी अस्तित्त्वात आहे.
	क)	शरीर –मन आंतरक्रियावाद
	ड)	ईश्वराच्या अस्तित्त्वाचे पुरावे
घटक : 4		लॉकचे तत्त्वज्ञान
	अ)	अनुभववाद
	ब)	कल्पनांची उपपत्ती
	क)	ज्ञान उपपत्ती

Books for Reading		
1.	F. Copleston	History of Philosophy
2.	D.J.O. Connor	A critical History of Western Philosophy
3.	Outlines of Philosophy	Shivaji University Publication Prof.Hirave, Prof.Waghmode, Prof.Nagare Prof.Pitke and Prof.Phatare
4.	ग.ना. जोशी	पाश्चात्य तत्त्वज्ञानाचा इतिहास खंड – 1 व 2
5.	तत्त्वज्ञानाची रूपरेषा	शिवाजी विद्यापीठ प्रकाशन प्रा.हिरवे, प्रा.नांगरे, प्रा.पिटके, प्रा.फडतारे, प्रा.वाघमोडे

**B A Part-I Sem-II
Paper-II
Scientific Method (Compulsory)**

SEMESTER -II		
Unit : 1		Hypothesis
	A)	Definition and nature of hypothesis
	B)	Conditions of valid hypothesis
	C)	Verification and Proof of hypothesis
Unit : 2		Laws and Scientific Explanation
	A)	Meaning of Law and Kinds of Laws
	B)	Kinds of Laws of Nature

	C)	Nature of Scientific explanation definition and Kinds.
Unit : 3		Scientific Attitude
	A)	Nature and importance of Scientific Attitude.
	B)	Ecological Balance
	C)	AIDS Awareness
	D)	Population Control
Unit : 4		Computer Education
	A)	Definition and Nature of Computer
	B)	Hardware and Software
	C)	Parts of Computer
	D)	Uses of Computer in various fields

B A Part-I Sem-II
Paper-II
वैज्ञानिक पद्धती (आवश्यक)

घटक : 1		अभ्युपगम (सिद्धांतकल्पना)
	अ)	अभ्युपगमाची व्याख्या व स्वरूप
	ब)	युक्त अभ्युपगमाच्या अटी
	क)	अभ्युपगमाची प्रचिती व सिध्दता
घटक : 2		नियम व वैज्ञानिक स्पष्टीकरण
	अ)	नियमाचा अर्थ व प्रकार
	ब)	निसर्ग नियमांचे प्रकार
	क)	वैज्ञानिक उपपादनाचे स्वरूप, व्याख्या व प्रकार
घटक : 3		वैज्ञानिक दृष्टिकोण
	अ)	वैज्ञानिक दृष्टिकोणाचे स्वरूप व महत्त्व
	ब)	पर्यावरणीय समतोल
	क)	एडस् जाणीव जागृती
	ड)	लोकसंख्या नियंत्रण
घटक : 4		संगणक शिक्षण
	अ)	संगणकाची व्याख्या व स्वरूप
	ब)	हार्डवेअर व सॉफ्टवेअर
	क)	संगणकाचे भाग
	ड)	विविध क्षेत्रातील संगणकचे उपयोग

Books for Reading		
1.	An Introduction to Logic and Scientific Method	Cohen and Nasel
2.	Essentials of Scientific Method	Wolf
3.	Science and Scientific Method	Korade Sawant
4.	Introduction to Logic	K.T. Basantani
5.	A.BC of Computer	M.G. Patkar
6.	AIDS Education for student	Arain Mounal

	youth	
7.	Scientific Method	Shivaji University Publication Hirve, Pitake, Nargare Mrs. Patankar
8.	तर्कशास्त्र आणि वैज्ञानिक पद्धती	वाडेकर, हरोलीकर
9.	तर्कशास्त्र	श्री.ह. दीक्षित
10.	वैज्ञानिक पद्धती	ज.रा. दाभोळे
11.	वैज्ञानिक पद्धती	शिवाजी विद्यापीठ कोल्हापूर. प्रा.हिरवे, प्रा.नांगरे, प्रा.पिटके, प्रा.फडतारे, प्रा.वाघमोडे
12.	तर्कशास्त्र व वैज्ञानिक पद्धती	काळे, कावळे, हुलाळकर
13.	कॉम्प्युटरचा वाटाड्या	शशिकांत वाकरे
14.	जैव तंत्रज्ञान	डॉ.प्रमोद जोगळेकर

B A Part-I Sem-II
Paper-II
Social Work Parper-II
NTRODUCTION TO METHODS OF SOCIAL WORK

Unit 1 :- Social work profession, misconception about Professional Social work.

Unit 2:- Social case work- Nature, Definition,Components And Principles,

Unit 3:- Social Group work- Nature,Definition,Components And Principles.

Unit 4:- Community Organization-Nature,Definition,Principles Community organization and community Development

Books for Reference

- | | | |
|--------------------------|---|--|
| 1. Friedlander,W.A. | - | Indurodution to Social Welfare |
| 2. Fink,A.E. | - | Fields of Social work. |
| 3. Stroup H.H. | - | Social Work |
| 4. Wadia A.R. | - | History and Philosophy of Social Work in India(Second Edition) |
| 5. Dr. Sachdev | - | social welfare administration |
| 6. M.M.Bhattacharya | - | social welfare administration in India |
| 7.डॉ. प्राजक्ता टाकसाळे | | व्यवसायिक समाजकार्य |
| 8. डॉ. प्राजक्ता टाकसाळे | | गटकार्य |
| 9. भारती शाहा | | समाजकार्य परिचय |
| 10 इंदुमती चिपूळणकर | | व्यक्ती सहयोग कार्य |

B A Part-I Sem-II
Paper-II
NATIONAL SERVICE SCHEME (N.S.S.)

Unit 5 : Special camping programme :

- i) Nature and its objectives.
- ii) Selection of camp site and physical arrangement.
- iii) Organization of N.S.S. camp through various committees and discipline in the camp.
- iv) Activities to be undertaken during the N.S.S. camp.
- v) Use of the mass media in the N.S.S. activities.

Unit 6 : Impact of Modernization on the social institutions such as family and marriage.

- i) Modernization – Concept and Nature.
- ii) Family – Meaning and Changing Pattern.
- iii) Marriage – Meaning and Changing Pattern.

Unit 7 : Social problems in General :

- i) Water Scarcity.
- ii) Child labour.
- iii) Drug addiction.
- iv) Women harassment.

Unit 8 : National Integration :

- i) Meaning and definition.
- ii) Various obstacles in the way of National Integration ; such as caste, religion, language and provisional problems etc.
- iii) Various solution for the building of the National Integration.

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-II

Paper-II

Adventure Activities in NCC

(NCC) Military Science (Optional)

Unit V : Drill & Adventure Training

- a) Saluting at the halt, Getting on parade, falling out & Visarjan.
- b) Marching in quick time & halt.
- c) Necessity & Planning of adventure training
- d) Cycle expedition
- e) Trekking

Unit VI : Map Reading

- a) Introduction to map & conventional signs.
- b) Cardinal points & Finding north.
- c) Service protector, Prismatic compass and its use
- d) Setting a map and finding own position.

Unit VII: Leadership

- a) Discipline and duties
- b) Duties of good citizen

- c) Leadership Traits
- d) Man Management

Unit VIII : Social Services

- a) Types of social service i) Tree plantation ii) Blood donation iii) Aids awareness iv) Adult Education v) Anti Dowry
- b) Aid during natural calamities
- c) Fire fighting and equipments fire fighting operation
- d) Home guard services

B A Part-I Sem-II Paper-II JOURNALISM (Optional) Basics in Reporting and Editing

Unit-1 News- What is News? Meaning and definitions of news; News making factors News Values, Writing of News- Five W's and One H Inverted pyramid, Lead or Intro of News, Types of Lead.

Unit-2 Types of News & News Stories.

Sources of News, News Agencies, PTI, UNI, Hindustan Samachar, News agencies Bureaus.

Unit-3 News Reporting- Covering Speeches and Lecture

Series, Press Conferences, Election meetings, Legislature Courts, Sports Seminars, Festivals & cultural occasions.

Unit-4 Current Trends in Reporting- Investigative Interpretative and Depth reporting Development reporting, Editing of Newspaper, Feature writing, Editorial, Side article, Readers letters to editor, cartoon, news- photographs, use of page maker and New software's in editing.

Reference Books :

1. Kamat M.V. 'The Journalist Handbooks', Vikas publishing, New Delhi
2. Melwin Menchar, 'Basic News'
3. Harbart Stertz, News Reporters and News Sources, Prentice Hall, New Delhi.
4. Wainwright David, 'Journalism made Simple, Rupa and Company, London.
5. ताम्हाणे चंद्रकांत, वार्ता संकलन
6. पोतदार केशव, 'संपादक आणि संपादकिय' कौस्तुभ प्रकाशन, नागपुर
7. धारूरकर वि.ल., 'संपादन, कला आणि शास्त्र' चैतन्य प्रकाशन, औरंगाबाद
8. माळी सुनिल, 'वार्तासंकलन', राजहंस प्रकाशन, पुणे.

B A Part-I Sem-II
Paper-II
Geography
Introduction to Climate

Unit 1: <u>Atmosphere.</u>	9
i) Composition and structure of atmosphere.	
ii) Weather and its element.	
iii) Climate- factors affecting the climate.	
Unit 2: <u>Insolation, Temperature and Atmospheric pressure.</u>	17
i) Isolation: solar constant, factors affecting the distribution of insolation.	
ii) Heat balance of the Earth.	
iii) Distribution of Temperature: horizontal, vertical, inversion of temperature, Range of Temperature.	
iv) Formation of pressure belts.	
v) Shifting of pressure belts and their effects.	
Unit 3: Winds, <u>Humidity</u> and precipitation.	17
i) Winds: planetary, Land and sea wind and Local winds.	
ii) Introduction to Air masses.	
iii) Hydrological cycle.	
iv) Types of humidity.	
v) Precipitation: formation and types	
Unit 4 : <u>Practical (only theory)</u>	17
i) Methods of representation of relief- Hatuchers, Spot heights ,Bench Marks and Trig, Point, Form Lines, contours and layer tinting.	
ii) Representation of Relief by contours: convex and concave slope, Terraced Slope, Conical Hill, plateau, River Valley, waterfall, Ridge , Spur, Clief.	

iii) Isobars: Definition and characteristics, Isobaric Pattern , cyclone

Anti Cyclone, Wedge, Col

iv) Weather instruments: Principle, mechanism and function of following

Instruments - Thermograph, Barograph , cup anemometer and Rain gauge.

REFERENCES

- | | |
|-------------------------|---|
| 1) Barry R.G. & Clorley | (1985) - 'Atmosphere, weather climate' ELBS Pub. |
| 2) Triwartha | (1980) - 'An Introduction to climate' Tata Mc. Gran Hill Pub London. |
| 3) घरपूरे विठ्ठल | (2004)– हवामानशास्त्र (दूसरी आवृत्ती) पिंपळापूरे प्रकाशन, नागपूर |
| 4) . तावडे मो. द | – भूरूपशास्त्र, म. वि. ग्रंथ नि. मंडळ. नागपूर. |
| 5) . दाते एस. पी. | – प्राकृतिक भू विज्ञान विद्या प्रकाशन. नागपूर. |
| 6) सवदी कोळेकर | (2004)– प्राकृतिक भूगोल निराली प्रकाशन, पुणे. |
| 7) सारंग सुभाषचंद्र | – प्राकृतिक भू विज्ञान विद्या प्रकाशन, नागपूर. |
| 8) Majid Hussain | 2001 - 'Principals of physical Geography' 'Rawat; Publication-Jaipur. |
| 9) सवदी कोळेकर | – भूगोलची मुलतत्वे खंड-9 निराली प्रकाशन, पुणे(2009) |
| 10) सवदी कोळेकर | – प्राकृतिक भूगोल – शिवाजी विद्यापीठ,निराली प्रकाशन,(2009) |
| 11) Triwartha | – The Earth s Problem-Climates. |
| 12) Petterson | – Introduction to meterology. |
| 13) D.S. Lal | – Climatology. |
| 14) Critchfield | – General Climatology. |

B A Part-I Sem-II

Paper-II

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

Specific Objectives:-

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

UNIT	No.of Lectures
Unit 1	(No.of Lectures – 15)
Disaster Management	
1.1) Types of Disasters	
1. Earthquake	
2. Flood	
3. Storm and Tyfoons	
1.2) 1. Fire	
2. Accident	
3. Crowd	
Unit 2	(No.of Lectures – 15)
Means of Communication and Information Technology	
2.1) A brief history of communication	
2.2) Information Technology	
2.3) Origin of Computer and Development Importance	
2.4) Types of Computer	
2.5) Computer Mechanism	
2.6) Operating System	

- 2.7) Computer Network
- 2.8) Internet
- 2.9) Computer Viruses

Unit 3

(No.of Lectures – 15)

Eminent Scientists of India

- 3.1) Dr. C.V. Raman
- 3.2) Dr. J.C. Bose
- 3.3) Dr. Homi Bhaba
- 3.4) Dr. Swaminathan
- 3.5) Dr. A.P.J. Abdul Kalam

Unit 4

(No.of Lectures – 15)

Science Technology in Space and Ocean Research

- 4.1) Beginning of Satellite Era in the World
- 4.2) Rocket Technology
- 4.3) Artificial Satellite and S.L.R.
- 4.4) Satellite Programme of India
- 4.5) Importance of Oceanic Study
- 4.6) Indian Institute of Oceanography
- 4.7) Progress of India Oceanic Research
- 4.8) Antarctica Expedition of India

(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

**B A Part-I Sem-II
Paper-II
HOME SCIENCE**

FUNDAMENTALS OF NUTRITION

WORK LOAD

TOTAL MARKS :

50

THEORY : 2 LECTURES / WEEK

THEORY

: 40

PRACTICAL : 2 LECTURES / WEEK/ BATCH

PRACTICAL : 10

Objectives :

This course will enable the students to

1. understand the concept of nutrient and nutrition.
2. understand the sources and functions of nutrients. Their requirements, deficiency and excess (in brief).

COURSE CONTENT.

THEORY

Unit I -- PROTEINS:

06

- Concept and definition of Nutrients, Nutrition.
- Proteins.
 - Classification.
 - Sources.
 - Functions.
 - RDA
 - Deficiency and excess.

Unit II -- CARBOHYDRATES AND LIPIDS:

10

- Classification.
- Sources.
- Functions.
- RDA
- Deficiency and excess.

Unit III – VITAMINS :

10

- Classification.
- Sources, functions, R.D.A., deficiency and excess of Vitamin A, Vitamin D, Vitamin E, Vitamin K and Vitamin B, Vitamin B₂, Vitamin B₃, Vitamin C.

Unit IV – MINERALS AND WATER :

08

- Classification.
- Functions, Sources, R.D.A., deficiency and excess of Calcium and Iron.
- Function, Sources, requirement and deficiency and excess of water.

PRACTICALS :

I Calculations of Nutritive value.

02

II Planning and Preparation of Nutrient rich recipes with
Nutritive 12

value calculations. (one recipe of each nutrient)

- 1) Protein.
- 2) Energy.
- 3) Vitamin A (β carotene)
- 4) Vitamin B₁ **or** Vitamin B₂ **or** VitaminB₃.
- 5) Vitamin C.
- 6) Calcium **or** Iron.

Nature of Practical Examination.

Total Marks - 10

- 1) Preparation of any one nutrient rich recipe with nutritive value calculations. **08**

Scheme of marking -

- Writing of ingredient and method - 02 marks
- Nutritive value calculations - 02 marks
- Organoleptic evaluation - 04 marks
(Taste – 1, Texture – 1, Appearance – 1, Overall – 1)

- 2) Practical book. **02**

References :

- 1) Dr. M. Swaminathan- Advanced Text book on Food and Nutrition, Vol. I, BAPPCO, Bangalore.
- 2) M. Reheena Begum- A Text book on Food, Nutrition and Dietetics, Serfing New Delhi.
- 3) M. E. Barasi - Human Nutrition : a health perspective, Arnold, New Delhi.
- 4) Subhangini Joshi - Nutrition And Dietetics, Tata McGraw-Hill Publishing Company Ltd., New Delhi.
- 5) सरल लेले - पोषण व आहारशास्त्र परिचय, पिंपळापुरे अँड कं. पब्लिशिंग, नागपूर
- 6) डॉ. आशा देऊस्कर - मानवी पोषण व आहारशास्त्राची मुलतत्वे, विद्या प्रकाशन, नागपूर.
- 7) मंगला कानगो - पोषण एवं पोषाहार पंचशील प्रकाशन, जयपूर

B A Part-I Sem-II
Paper-II
Sociology and Education

UNIT I) Nature and scope of Education Sociology need of Social Approach of Education.

UNIT II) Role of Mass Media in Education T.V.& Press

UNIT III) Social Group : Primary and Secondary, Social Interaction

UNIT IV) Current Social problems relating to Education in India.

A) Problem of Illiteracy

B) Specific problem of Education in Urban and Rural Areas.

B A Part-I Sem-II
Paper-II

शिक्षणशास्त्र – अभ्यासक्रम
(समाजशास्त्र आणि शिक्षण)
(सेमीस्टर 2)

प्रकरण-1 शैक्षणिक समाजशास्त्राचे स्वरूप व्याप्ती, शिक्षणाला सामाजिक दृष्टिकोणाची गरज.

प्रकरण-2 समूह संपर्क शिक्षणातील भूमिका-दूरदर्शन व वृत्तपत्रे

प्रकरण-3 सामाजिक समूह: प्राथमिक आणि दुय्यम, सामाजिक आंतरक्रिया

प्रकरण-4 भारतातील शिक्षणाच्या संदर्भातील सामाजिक समस्या-

अ) निरक्षरतेची समस्या

ब) नागरी आणि ग्रामीण क्षेत्रातील शिक्षणाच्या विशिष्ट समस्या

B A Part-I Sem-II
Paper-II

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 : Foundation of Phy. Education

A) Body Posture

- a) Meaning, Definition, Kinds of body Posture , Characteristics of good body posture

B) Physical Differences between two sexes with reference to Phy. performance-strength, speed, endurance, Agility, Flexibility etc.

Unit 2 : A) Physical fitness and Health

- a) Physical Fitness
- b) Factors of Phy. Fitness.
- c) Balance Diet.
- d) Bad Habits with Special reference to Phy. Fitnessess Alcohol and Tobacco.
- e) Walking- Meaning, Neet and Importance

B) Play –

- a) Meaning, Definitions, Concepts
- b) Work and Play
- c) Theories of play
 - i) surplus energy – जादा शक्तीचा
 - ii) Anticipatory Theory- पूर्वतयारीचा
 - iii) Recapulatory Theory- पुनरावृत्तीचा
- d) Importance of Play.

(A Batch of 20 students for Practical period and examination).

Details of the Practical Examination : (Practicals – 25 Marks)

I) One ball game – Volley-ball – 10 Marks

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

II). Jong Jump - - 5 Marks

- 3 Marks

- a) Performance - 4.50 Mtrs. - 3 Marks
- (Men) - 4.25 Mtrs. - 2 Marks
- (Women) - 3.00 Mtrs. - 3 Marks
- 2.75 Mtrs. - 2 Marks

For Technique & Modern Style

– 2 Marks

III) Record Book – 5 Marks

The Record Book will cover the following :

i) Brief History; ii) Various diagrams; iii) Names of different fundamental skills in team events and different styles in Athletic events, iv) Rules and regulations (This should be completed as per syllabus).

The record book will be assessed internally and mark should be submitted to the External Examiner.

1V). Indian Excises - Asnanas

5 Mark

B. Assance-पाश्चिमोत्तानासन, भुजंगासन, धनुरासन, सर्वांगासन, वज्रसन, हलासन

(टिप:- प्रत्येक आसन 2 मिनिटे करणे.)

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 II

Exam No.	Roll No.	Name	Athletics	Indian Exercises	One ball game	Record book	Total
			5	5	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 स्वरूप – 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 पद्धती पुणे.
7. Principles of Physical Education : J. F. Williams, W.B. Sanders Complany, 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.
13. 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 ट्क् अँड प्रकाशन, पुणे.

