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UNIVERSITY OF MUMBAI
No.UG/ 403 of 2005

CIRCULAR :

Attention of Principals of the affiliated colleges in the faculty of Arts and Professor-cum-Director is hereby invited to the syllabus and scheme of papers relating to the B.A. degree course vide pamphlet No.150 and to this office Circular No.UG/357 of 2003 dated 28th July, 2003 and they are hereby informed that the recommendation made by the Board of Studies in Education at its meeting held on 23rd February, 2005 has been accepted by the Academic Council at its meeting held on 2nd April, 2005 vide item No.4.12 and that in accordance therewith the syllabus and list of reference books in the subject of Education Paper VI (Optional) and Papers VII, VIII and IX at the T.Y.B.A. examination is as per Appendix and that the same has been brought into force with effect from the academic year 2005-2006.

Mumbai 400 032
27th September, 2005

V. K. 25/9
for REGISTRAR

To,

The Principals of the affiliated colleges in the faculty of Arts and Professor-cum-Director.

A.C.4.12/02.04.05

No.UG/ 403-A of 2005

27th September, 2005

Copy forwarded with compliments to the :-

- 1) the Dean, Faculty of Arts.
- 2) the Chairman, Board of Studies in Education.

V. K. 25/9
for REGISTRAR

Copy to :

The Director, Board of College and University Development, Deputy Registrar (Eligibility and Migration), the Director of students Welfare, the Personal Assistants to the Vice-Chancellor, the Pro-Vice-Chancellor, the Registrar and the Assistant Registrar Administrative sub-centre, Ratnagiri, for information.

The O.S.D. cum- Controller of Examinations (10 copies), the F. & A.O. (Accounts Section), Fort (2 copies), Record Section (5 copies), Publication Section (5 copies), D.R., Enrolment (2 copies), D.R. (Statistical Unit), D.R., Accounts Section, Vidyanagari, (2 copies), D.R. (Affiliation Section) (2 copies), A.R., A.A. Unit (2 copies), He is requested to treat this as action taken report on the concerned resolution adopted by the Academic Council/Management Council referred to in the above Circular and that no separate A.T.R. will be sent in this connection. A.R., CONCOL (1 copy), BUCTU (2 copies), In-charge, Central Computing Facility (1 copy), D.R., I.D.E. (10 copies), D.R., P.R.O., (2 copies), Supdt., Thesis Section (2 copies), Supdt., P.G. Section (2 copies), BUCTU (1 copy), Secretary, MUASA (1 copy), Dy. Acctt. (Unit V) (1 copy), Receptionist (1 copy), Telephone Operator (1 copy).

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UNIVERSITY OF MUMBAI



**Syllabus for
the
Education (Paper VI) (Optional)
at the
T.Y. B.A. Examination**

(with effect from the academic year 2005-2006)

Objectives:

1. To develop an understanding of the meaning & scope of educational psychology.
2. To understand the dimensions of growth & the causes of individual differences.
3. To understand the problem of adolescents & the role of education in solving them.
4. To understand the structure & functions of higher mental process.
5. To comprehend the process of learning & processes related to learning.
6. To understand the various theories of learning.
7. To develop the ability to analyze classroom teaching – learning & the ability to observe classroom behavior & group dynamics.
8. To understand the different aspects of personality.

Content:

1. Nature, meaning, scope & functions of Educational Psychology.
2. Methods of studying Educational Psychology: i) Introspection ii) Observation iii) Experimental method
3. A. Growth & Development – Meaning, Principles of growth & development.
B. Stages of growth & development – Infancy, childhood, adolescence.
Areas of development – Physical, social, emotional, intellectual & moral.
4. Individual differences – meaning, significance, causes of differences – genetic & environmental.
5. A. Learning – concept, nature & process of learning, maturation, learning curve.
B. Theories of learning – Trial & Error, Classical & Operant Conditioning, Learning by Insight.
C. Transfer of learning – concept & types.
6. Mental processes related to learning:
A. Memory – concept, type, factors affecting memory, artificial intelligence, techniques to develop memory.
B. Forgetting – Nature, causes, educational implications.
C. Thinking – Perceptual, conceptual, convergent & Divergent thinking, Inductive & Deductive reasoning.
D. Problem solving.
7. Motivation – Concept, principles, types, factors affecting motivation, Maslow's theory, motivational techniques.
8. Intelligence-
A. Concept, nature & types of intellectual abilities.
B. Intelligence tests – types & uses.
C. Creativity – nature & process of creative thinking, characteristics of creative persons.
9. A. Personality – Concept, assessment of personality –
B. Maladjustments – causes & prevention of maladjustment.
10. Group Dynamics- Characteristics of a group, types of groups, role & qualities of a leader.

Experiments to be conducted & recorded in the journal (any six):

- i) Memory –rote & logical, perseveration, recall & recognition
- b) Intelligence tests – verbal & non-verbal
- c) Transfer of learning (Mirror drawing)
- d) Motivation

First term – Units 1,2,3,4 & 5
Second term – Units 6,7,8,9 & 10.

Objectives –

1. To understand the concept & principles of educational research.
2. To acquaint with different methods of educational research.
3. To understand the various stages of educational research.
4. To understand the various data collection tools for educational research.
5. To understand the different aspects of writing a research report.

Content -

- 1.) Concept of educational research, significance, need & characteristics of educational research.
- 2.) Educational research in India – different organizations which promote educational research, major periodicals & journals of educational research.
- 3.) Methods of educational research –
 - a) Historical Method
 - b) Experimental method
 - c) Descriptive method.
- 4.) Stages in educational research-
 - a) Selection, formulation & definition of the problem.
 - b) Background of the study – review of related literature.
 - c) Collection of data & tools of research – questionnaire, rating scale, interview, observation.
 - d) Quantitative Analysis & interpretation of data using measures of central tendency & variability.
- 5.) The Research report
 - a) Aspects of research – the research question, the rationale, site description (where & who sample), methods of data collection, analysis & interpretation of data, reflection on results
 - b) List of references & bibliography.

Practical Work-

1. Review of any one educational research from 2001 onwards.
2. Identifying the research problem & reviewing its related literature.

Reference books –

1. Aggarwal J.C. – Educational Research, an introduction. (Arya Book Depot)
2. Lokesh Kaul – Methodology of Educational Research (Vikas publishing house)
3. Best J.W & Kahn J.V.– Research in Education – (Prentice Hall of India.)
4. Sharma R.A – Fundamentals of Educational Research (Loyal Book Depot, Meerut)
5. Garrett H.E Statistics in Psychology & Education. (Vakils, Pepper & Simons Pvt Ltd.)
6. Sukhia S P & Mehrotra – Elements of Educational research (Allied Publishers Pvt Ltd)
7. Rao Usha – Conducting Educational Research (Dasthane Ramchandra & Co. Pune)
8. Khan Mohammed Sharif – Educational Research

Objectives

- 1.) To understand the meaning of Comparative Education.
- 2.) To understand the scope of Comparative Education.
- 3.) To understand the educational system of different countries.
- 4.) To comprehend the different stages of education in different countries.
- 5.) To gain an insight into the various aspects of higher education in different countries.
- 6.) To compare the various aspects of education in the different countries studied with India.

Content-

- 1) Meaning, definition, scope & purpose of comparative education.
- 2) Factors affecting educational system in different countries such as historical background, geography of the country, ideological framework & political system.
- 3) Aims/objectives, philosophy & constitutional provisions for education in the U.K., U.S.A. & Indonesia.
- 4) Pre-primary, primary, secondary, higher secondary & higher education in the U.K., U.S.A. & Indonesia.
- 5) Various aspects of higher education in the U.K., U.S.A. & Indonesia including admission, finance, campus life, facilities, part-time employment opportunities, examinations, placement services.

Practical Work –

To write a paper on any one of the following topics.

- a) Student-teacher relationship in the U.S.A & India.
- b) The pattern of examinations in higher education in the U.S.A & India
- c) The medium of instruction at all levels in Indonesia & India.
- d) Planning in education in Indonesia & India.
- e) Unemployment of the educated in Indonesia & India.
- f) Planning in education in the U.K. & India.

Reference Books-

- | | |
|------------------------|--|
| 1. Chaube S.P. | Features of Comparative Education. |
| 2. Hans Nicholas | Comparative Education – A study of educational factors & traditions. |
| 3. Borrowman Merie L | Teacher Education in America. |
| 4. Khanna S D & others | Comparative Education made easy. |
| 5. Sodhi T S | Comparative Education. |
| 6. Ashby Evic | Any person, any sky – an essay on higher education in USA. |
| 7. Devane W C | Higher Education in the 20 th century America |

Objectives –

1. To understand the problems at different levels of education in India.
2. To comprehend the difficulties faced by the weaker sections of Indian society.
3. To gain insight into the various measures to tackle the problems in Indian education.
4. To understand the need for value education in the 21st century.
5. To understand the roles played by some agencies towards value education.
6. To understand the problems faced in inclusive education.

Content-

A) The following topics should be viewed in the light of the Indian Constitution & role of the government wherever applicable:

1. Universalization of primary education.
2. Education of the marginalized population - the backward class, scheduled caste/tribe, women.
3. Medium of instruction at primary, secondary & higher education levels.

- B) 1. Student indiscipline & management of crises
2. Admissions to higher education.
3. Examinations- need, defects, suggestions for improvement.
4. Value education – need, role of family & school.
5. Environmental education- concept, need, type- water, air, noise.
6. Unemployment- causes & steps to tackle the problem.
7. Inclusive education.

Practicals –

To present a paper on any one of the following -

1. Medium of instruction & its impact.
2. The need for continuous evaluation.
3. The need for increasing awareness of the masses towards the environment.
4. Problems faced by students during admission to professional courses.
5. The need for value education in the 21st century.

Reference books –

- | | |
|-----------------------------|--|
| 1. Balan K - | Education & Employment. |
| 2. Rao D B | Education for all – achieving the goal – 3 volume set. |
| 3. Laxmi S | Challenges in Indian Education. |
| 4. Rao D B | Current Trends in Indian Education. |
| 5. Veena D R | Educational Systems – problems & prospects |
| 6. Mehta P L & others | Free & Compulsory Education (Genesis & Execution of the constitutional philosophy) |
| 7. Sarangi R | Moral Education in schools – Basis & Implications |
| 8. Kirk S A & Gallaghen J J | Educating exceptional children. |
| 9. Godbole R D | Examination & Evaluation. |
| 10. Khan Mohammad Sharif | Education. Religion & Modern Age. |
| 11. Gore M S | Indian Education – Structure & problems |
| 12. Mohanty J | Modern trends in Indian Education. |

Objectives -

1. To develop awareness of the issues related to women's education.
2. To develop understanding of the cultural, social, economic, religious & political problems of women's education.
3. To highlight the efforts made by the government & social reformers to promote women's education.
4. To emphasis the role of the family, the school & the media in the empowerment of women.
5. To develop attitudes of gender equality.

Content-

- 1) Development of Women's education in post-independent India
 - a) Constitution.
 - b) University Education Commission, 1948-49
 - c) Secondary Education Commission, 1952-53
 - d) Education Commission, 1964-66
 - e) National Education Policy, 1986
 - f) Women's movement in India
- 2) Current status of Women's Education
 - a) Statistical profile with reference to 2001 census data
 - i) Literacy rate
 - ii) Enrolment ratios at different levels of education
 - iii) Dropout rates
 - iv) Distribution in various professions.
 - b) Factors affecting Women's Education.
 - i) Socio cultural
 - ii) Rural / Urban
 - iii) Political
 - iv) Economic
 - c) Promoting Women's new image in democratic India
 - i) Essential qualities: Self esteem, Role in democracy, Leadership.
 - ii) Role of school & family.
- 3) Efforts for Women's empowerment.
 - a) Central government policies - N.C.W.E.
 - b) State government policies for Women, Government of Maharashtra 1994.
 - c) Important legal measures.
 - d) Social reformers - Raja Ram Mohan Roy, Mahatma Jyotiba Phule, Pandita Ramabai.
 - e) Women's entrepreneurship - skilled based training & education.
- 4) Role of formal & non-formal agencies for gender equality
 - a) Formal agencies - School.
 - b) Non-formal agencies.
 - i) Open Universities
 - ii) Mass media
 - iii) Voluntary agencies

Practical Work -

Profile of two renowned Women achievers in Independent India.

Reference Books -

1. Sharma B M Women & Education
2. Dutt Suresh Women in Education (2 Volumes)

Objectives –

1. To understand the importance of computers in the modern changing society.
2. To understand the role of computers in the field of education.
3. To understand the various components of hardware & their functions.
4. To understand the skillful use of hardware through software.
5. To understand the need for an operating system software.
6. To understand the use of word processing software using MS Word.
7. To develop logic & skill, to write & structure simple programs, to manipulate data using basic programming
8. To understand & learn the use of data based management & spreadsheet through MS Office program Excel.
9. To create an awareness on multi-tasking & graphics using Paintbrush of windows program & MS Office Power Point.
10. To learn the use of internet, its basics – browser, search engine & e-mail.
11. To create use of computers in networking.

Content –

I. Introduction & fundamentals Of computers-

- i) concept of computer & computer systems & its characteristics & capabilities
- ii) types of computers – only knowledge of Main Frame, Mini Computer, Micro-Computer, PC/ XT-286,386,486, Pentium, Desktop, Laptop.
- iii) Computer peripherals – Input devices – keyboard, mouse, scanner
Output devices – monitor, printer.
Storage devices – hard disk, floppy disk & drives, memory stick & CD – ROMS which are multimedia
Memories – RAM, ROM, knowledge of types
- iv) System soft wares – WINDOWS, application software – MS OFFICE, MS WORD, EXCEL & POWERPOINT.

2.WINDOWS

- i) Introduction
- ii) windows concept & exploring windows features – multitasking desktop environment, task bar, menu bar, too bar, use of file manager or wind explorer, use of print manager, program groups.
- iii) Drawing through paint brush & use of calculator.

3. APPLICATION OF COMPUTERS IN EDUCATION

Use of Computers in a) Teaching b) Learning c) Evaluation & Testing.

4. MS-WORD. WORD PROCESSING SOFTWARE.

- i) Introduction – menus
- ii) Open & save a new or existing document
- iii) Create a document, editing a document – moving the text, using drag & droptext, copying between documents, using autocorrect & thesaurus, margin setting, changing line setting, justifying commands, insert pictures or clipart print document & enhancements
- iv) Mail merge document with examples

5. MS – EXCEL DATA BASE & SPREAD SHEET SOFTWARE -

- i) Introduction exploring features of spread sheets & work book, work sheet fundamentals & basics- data, its types.
- ii) Entering data, adjusting column width, loading & saving files or data base.
- iii) Copying data using file handle & moving data in worksheet
- iv) Windowing, titling, sorting & querying.
- v) Creating, saving & printing graphs with options.
- vi) Work sheet functions & formulae – DATE, SUM, AVG, LEFT, RIGHT, REPEAT, STR, INT, VAL, using IF – THEN statements for preparing result sheets, LOOKUP REFERENCE to convert marks into grades.
- vii) Preparation of mark list using EXCEL.

6. MS POWERPOINT PRESENTATION SOFTWARE

- i) Introduction to making presentations – preparation of slides & creating & editing a presentation.
- ii) Exploring the power point menus & toolbars features, slideshows & slide animation & multimedia features, slide transition during slide show.
- iii) Preparing slide presentation using features of multimedia (atleast 10 slides on any one unit)

7. INTERNET & EMAIL -

- i) Basics of Internet, genesis – browser, search engines, software & hardware (MODEM), surfing, search methods/ algorithms
- ii) Visiting educational websites, chat, bulletin boards & forums for exchange of ideas.
- iii) Uses of internet, net working, LAN, e-mail – creating & sending.

Note: The present syllabus should be subject to revision as per the hardware & software changes, on the condition that the Board of Studies should communicate the same to the concerned colleges at the beginning of the academic year.

Practical – Any one of the following to be done

1. Prepare a curriculum vitae with hyperlinks.
2. Prepare a power point presentation presenting ' MYSELF '.

Reference Books:

1. Dan Gooking : Windows – Windows for Dummies
2. D'Souza Eric S. : A text book on Computer Literacy Published by SKW Enterprises
3. Merrill Paul F., Hammons, : Computers in Education
Tolman, Christensen, Vincient
4. Raman Raja : Fundamentals of Computers
5. Stevens A.I. : Teach yourself Windows
6. Timothy, J.O. : Microsoft Office 2000 Published by C – DAC – Tata McGraw Hill series called 'The O'Leary series'.

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