

**M.A. (Education) Semester-II Examination 2023**  
**Course: EDN-323: Curriculum Studies**  
**Techniques of Analysis in Educational Research**

**Time: 3 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

1. Answer any four out of the following: 4×10=40
  - a. Differentiate between technical scientific approach and non-technical non-scientific approach to curriculum development. Discuss any model of curriculum development of non-technical and non-scientific approach. 3+7
  - b. What is curriculum implementation? How do the administrators minimize the resistance during curriculum implementation? Describe any one model of curriculum implementation. 2+3+5
  - c. What are the definitional debates of curriculum? Differentiate managerial approach from humanistic approach of curriculum development. 4+6
  - d. Justify the appropriate relationship between curriculum and instruction. State the major recommendations of NCF 2005 for designing school curriculum. 3+7
  - e. State the salient features and curriculum structure of Finland education system. 10
2. Answer any four out of the following: 4×5=20
  - a. Elucidate the purpose of curriculum evaluation. Briefly describe the important approaches to curriculum evaluation. 2+3
  - b. How is the curriculum design affecting through internal and external boundaries? 5
  - c. What is curriculum certification? State the responsibilities of curriculum workers. 2+3
  - d. Define grass-root model of curriculum development. State any two implications of this model. 2+3
  - e. Discuss the curriculum structure of teacher education as per NCFTE 2009, 5
3. Attempt all the questions: 2×3=6
  - a. How Maria Montessori has influenced in terms of appropriate learning experiences?
  - b. What is Utilitarian approach to curriculum development?
  - c. Differentiate between NRT and CRT.
4. Write appropriate response for all of the following: 4×1=4
  - I. Structure of school curriculum as per NEP 2020;
    - A. 10+2+3
    - B. 4+3+3+4
    - C. 5+3+3+4
    - D. 4+3+3+5
  - II. Which of the following is not the source of curriculum design?
    - A. Science
    - B. Spiritualism
    - C. Society
    - D. Moral doctrine

III. Who is not a progressive educator to participate in curriculum development?

- A. John Dewey
- B. John Holt
- C. Taylor and Bobbit
- D. Phillip Jackson

IV. Technical approach to curriculum development may not discuss about;

- A. Principles of curriculum development
- B. Curriculum design
- C. Curriculum evaluation
- D. Learner's experiences of curriculum

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Course: EDN-321: Techniques of Analysis in Educational Research

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Questions are of value as indicated in the margin.

1. Answer **any four** out of the following:

4×10=40

- a) What is meant by Normal Probability Curve? Discuss its characteristics. Given a Normal Distribution with a mean of 50 and a standard deviation of 10, what percentages of cases will lie i) between 35 to 70; ii) below 45 and iii) above 60?

2+2+6

- b) (1) What is meant by Point-Biserial Correlation? Compute Point-Biserial correlation coefficient from the data given below:

1+4

Score on the Adjustment Scale	Success on Job	Failure in Job
10-19	2	1
20-29	5	2
30-39	6	5
40-49	10	8
50-59	11	11
60-69	8	9
70-79	4	5
80-89	0	3
90-99	1	2

- (2) A number of candidates who passed and failed item 1 and item 2 of a certain test are entered in the following Table:

Item 2	Item 1	
	Passed	Failed
	80	55
Failed	25	65

Compute the phi correlation between item 1 and item 2. Why phi correlation is regarded as a better and more dependable statistic than tetrachoric correlation?

3+2

- c) Differentiate parametric statistics and nonparametric statistics. In an experiment of 1600 beans on the breeding of peas, the researcher obtained the following data from four groups 882, 313, 287 and 118. The theory predicts the proportion of beans, in four groups A, B, C and D should be 9:3:3:1. Does the experiment result support the genetic theory? Test at the .05 level.

3+7

- d) Distinguish t-ratio and F-ratio. Apply ANOVA to find out the significance of difference between the following two sets of creativity scores of eighth grade boys and girls at the .05 significance level:

VIII Boys	8	6	10	12	9	14	16			
VIII Girls	11	18	15	8	12	17	9	16	13	17

What is the t-ratio? Is it significant? Interpret the obtained result.

7+1+2

- e) What are the inferential statistics used for testing different hypotheses? Test the following research hypothesis from the given set of data:

Research hypothesis: Science achievement of tenth grade boys is higher than their girl counterparts.

Data:

	N	SD	Mean		N	SD	Mean
Boys	57	3.5	35	Girls	38	5.9	24

Draw the conclusion based upon the outcome of hypothesis testing.

2+7+1



2. Answer **any four** out of the following:
  - a) Explain the basic assumptions of using parametric statistics in educational research.  $4 \times 5 = 20$
  - b) 'Conclusion drawn from hypothesis testing through inferential statistics is error free.'  
Comments.
  - c) Describe with graphical presentation of one-tailed test and two-tailed tests of significance at the 01-significance level.
  - d) For a group of 96 middle school children, a mean score of 34 with a SD of 2.7 are found in an Emotional Intelligence Test. Determine middle school children population Mean and Standard Deviation.
  - e) Find out the differences between qualitative and quantitate data. What are the common procedures of analyzing data in any qualitative research?
3. Attempt **all** the questions:  $2 \times 3 = 6$ 
  - a) What is regression?
  - b) Distinguish t distribution and normal distribution.
  - c) What are different Software techniques to analyze qualitative data in educational research?
4. Write appropriate response for **all** of the following:  $4 \times 1 = 4$ 
  - I. A null hypothesis is not accepted when:
    - A. The obtained CR is only above 2.58
    - B. The obtained CR is less than 1.96
    - C. Zero lies within the confidence interval
    - D. Limits of confidence interval does not contain zero
  - II. Which of the following follows the process of abstraction of data analysis in grounded theory research?
    - A. Axial coding to process coding
    - B. Open coding to Selecting coding
    - C. Selecting coding to Axial coding
    - D. Context coding to process coding
  - III. Co-variate in ANCOVA is an:
    - A. An extraneous variable
    - B. An intervening variable
    - C. An independent variable
    - D. An auxiliary variable
  - IV. The standard deviation of the sampling distribution of the means of infinite equal-sized samples from a certain population is:
    - A. The actual population standard deviation
    - B. The estimated population variance
    - C. The standard error of the sample standard deviation
    - D. The standard error of the sample Mean

M.A. (Education) Semester-II Examination 2023  
EDN-322: Development of Education in India

Time: 3 Hours

Full Marks: 70

Questions are of value as indicated in the margin.

1. Answer any **four** the following:  $4 \times 10 = 40$ 
  - a. What do you understand by the term 'Sruti' in Vedic education system? Highlight the major educational implications of Vedic education system. 3+7
  - b. Elaborate the key teaching methodologies employed in Buddhist education. How does the integration of the Eight-fold Path in education contribute to the holistic development of a child? 6+4
  - c. Analyze the important features of Gandhiji's Basic education in the light of issues and challenges of present school education in India. 10
  - d. Discuss the major features of 'national education movement'. Illustrate its role to promote 'Unity in Diversity' during Indian national movement. 6+4
  - e. Discuss the journey of education as fundamental right. How the case 'Unni Krishnan vs. State of Andhra Pradesh' is associated with 'Right to Education'? 7+3
2. Answer any **four** of the following:  $4 \times 5 = 20$ 
  - a. Elucidate the basic principles of Islamic education.
  - b. Enumerate relevance of Buddhist education in contemporary education system.
  - c. Write a short essay on Sargeant Report-1944.
  - d. Critically analyze Lord Kurzon's Policy on Education in India.
  - e. Discuss relevance of the recommendations of Sadler Commission.
3. Answer **all** the questions:  $3 \times 2 = 6$ 
  - a. What are the four noble truths in Buddhist philosophy?
  - b. List up recommendation of Wood's Despatch.
  - c. What is 'Right to Education Act'?
4. Answer **all** the questions:  $4 \times 1 = 4$ 
  - a) CABE was set up in:
    - (i) 1920
    - (ii) 1925
    - (iii) 1935
    - (iv) 1940
  - b) Which commission/ committee recommended setting up 'All India Council for Technical Education' (AICTE)?
    - (i) Sargent Report
    - (ii) Wood's Despatch
    - (iii) Hunter Commission
    - (iv) Abbot-Wood Report
  - c) Refresher course for professional development of the teachers recommended by:
    - (i) Sargent Report
    - (ii) Wood's Despatch
    - (iii) Hartog Committee
    - (iv) Abbot-Wood Report
  - d) The oldest department of Education in Indian Universities is:
    - (i) Department of Education, University of Madras
    - (ii) Department of Education, University of Calcutta
    - (iii) Department of Education, Annamalai University
    - (iv) Department of Education, University of Bombay

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M.A. (Education) Semester-II Examination 2023  
EDN-322: Development of Education in India

Time: 3 Hours

Full Marks: 70

Questions are of value as indicated in the margin.

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**M.A. (Education) Semester-II Examination 2023**  
**EDN-324: Educational Planning and Management**

**Time: 3 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

**Group-A**

1. Attempt any **Four** of the following: 4x10=40
- a. Discuss the concept and importance of planning in education. 3+7
  - b. What is NITI Ayog? Discuss its structure and role. 2+3+5
  - c. Critically discuss the management thought and practices of Elton Mayo. 10
  - d. Explain the concept of 'human resource'. Discuss how human resource is critical for national development. Suggest measures for better management of human resource in an educational institution. 2+4+4
  - e. What is Planning, Programming and Budgeting System? Give a blueprint of it for management of a secondary school. 4+6

**Group-B**

2. Attempt any **Four** of the following: 4x5=20
- a. Differentiate between Rolling Plan and Five Year plan
  - b. What are the functions of agencies of educational planning at the state level?
  - c. What are salient features of management thought of F.W. Taylor?
  - d. Explain the SWOT Analysis.
  - e. What was the policy perspective of NPE-1986 with regard to educational management?

**Group-C**

3. Attempt **all** the questions: 2x3=6
- a. Explain the concept of PERT.
  - b. How can you as headmaster/ mistress mobilize financial resources for management of a primary school?
  - c. Explain how inter-personal conflicts affect educational management.

**Group-D**

4. Attempt **all** of the following 4x1=04
- i. MBO means :
    - A. Management by Operation
    - B. Management by Observer
    - C. Management by Objectives
    - D. Management by On-line control
  - ii. When the emphasis is on inspiring team members, the Leadership is called :
    - A. Democratic
    - B. Transactional
    - C. Laissez-faire
    - D. Transformative
  - iii. Division of work as a management principle was introduced by :
    - A. Henry Fayol
    - B. F.W. Taylor
    - C. Elton Mayo
    - D. Kurt Lewin
  - iv. The relevance of ethics is in its :
    - A. Understanding
    - B. Principles
    - C. Codification
    - D. Application

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**M.A. Semester-II Examination, 2024**  
**Subject: Education**  
**EDN-322: Development of Education in India**

**Time: 3 Hours**

**Full Marks-70**

(Questions are of value, as indicated in the margin)

1. **Answer any four of the following:** **4x10=40**
  - a. Compare the Vedic and Buddhist Education system with reference to objectives, curriculum, role of teacher and teaching methods in ancient Indian education system.
  - b. Why did Lord Curzon want to control higher education in India? Discuss the recommendations of Indian Universities Act (1994). 2+8
  - c. Why was Calcutta University Commission appointed? Discuss the relevance of the recommendations of the Commission in the present education system of India. 2+8
  - d. Discuss the constitutional provisions and amendments relevant in promoting education in India. 6+4
  - e. Discuss the major recommendations of University Education Commission-1948 for the development of higher education in India.
2. **Answer any four of the following:** **4x5=20**
  - a. How medieval period in India maintained the parallel system of Hindu and Muslim education?
  - b. Discuss the role of Early Missionaries' activities in promoting western education in Colonial India.
  - c. Discuss the recommendations of Hunter Commission (1882) with reference to primary education in colonial India.
  - d. Illustrate the role of national education movement to promote 'Unity in Diversity' during Indian national movement.
  - e. How the case 'Unni Krishnan vs. State of Andhra Pradesh' is associated with *Right to Education*?
3. **Answer all the following:** **3x2=6**
  - a. Why Wood's despatch known as *Magna carta* in Indian education?
  - b. What is meant by *Downward Filtration Theory*?
  - c. List up the important features of Gandhiji's Basic education.
4. **Select the most appropriate alternative for the following:** **4x1=4**
  - a. Which missionary is known for translating the Bible into several Indian languages, including Bengali and Sanskrit?  
i) William Carey  
ii) Alexander Duff  
iii) Robert de Nobili  
iv) Henry Martyn
  - b. What was the primary objective of the Charter Act of 1813 regarding education in India?  
i) Introduction of Western education  
ii) Establishment of universities  
iii) Promotion of vernacular languages  
iv) Funding for missionary education
  - c. 'Education for the New Era' was authored by:  
i) Annie Besant  
ii) Charles Wood  
iii) Michael Sadler  
iv) Charles Grant
  - d. Inter-University Board (IUB) of India was formed in the year:  
i) 1920  
ii) 1925  
iii) 1930  
iv) 1935

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M.A. Semester-II Examination, 2024

Subject: Education

EDN-252: Curriculum Studies

323

Time: 3 Hours

Full Marks-70

(Questions are of value, as indicated in the margin)

1. Answer any four of the following:

4x10=40

- What do you mean by non-technical and non-scientific approach of curriculum development? Describe any one model of this approach. 3+7
- What are the purposes of curriculum evaluation? Compare the scientific and humanistic approach to curriculum evaluation. 2+3+5
- Why curriculum implementation is regarded as a 'change process'? How to minimize the resistance during curriculum implementation? Discuss any one model of curriculum evaluation. 2+3+5
- Why Psychology is treated as 'screen' to curriculum development? Discuss different theories of cognitivism and their contribution on curriculum development. 3+7
- State the salient features of National Curriculum Framework-2016 of education system in Finland.

2. Answer any four of the following:

4x5=20

- Differentiate between NRT and CRT. 2+3
- Differentiate the basic features of education system of China and India. 2+3
- Why Taba's model and Tyler's model are termed as 'grassroot rational' and 'administrative approach' respectively? 2+3
- What are the criteria of curriculum validation? Differentiate between horizontal and vertical organizations of curriculum design. 2+3
- Discuss the major contributions of NEP 2020 in re-structuring school curriculum and pedagogy.

3. Answer all the following:

3x2=6

- State the basic features of NCFTE 2009 in terms of curriculum structure of teacher education.
- How does Behaviourist Reinforcement theory give a new turn to curriculum development ideas?
- Who are the participants of curriculum development?

4. Select the most appropriate alternative for the following:

4x1=4

- Which one of this is an oldest conservative Philosophy?
  - Essentialism
  - Idealism
  - Perennialism
  - Realism
- Connoisseurship and criticism models developed by:
  - Eisner
  - Stufflebeam
  - Stake
  - Parlett
- Broad-field curriculum design is called as:
  - Interdisciplinary design
  - Disciplinary design
  - Subject-based design
  - Learner-based design
- Who described the connection between stimulus and response in relation to drive and reward?
  - E.L. Thorndike
  - Clark Hull
  - Robert Gagne
  - B.F. Skinner

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(Questions are of value, as indicated in the margin)

## 1. Answer any four of the following:

4x10=40

a. Define 'data' in educational research. Classify 'data in educational research' in terms of their types, usage and nature, with suitable examples. 1+(3+3+3)

b. The result of pre and post test on 'attitude towards using statistical treatment in educational research' was administered over a group of ten students is as follows:

Pretest	18	12	16	18	19	13	11	19	17	14
Post-test	24	16	18	22	24	17	19	25	23	18

Formulate a null hypothesis, test it and draw conclusion.

10

c. What is NPC? Mention its uses. Suppose, 1000 students are classified into five equal segments according to their ability. If the trait counted under ability is normally distributed, determine how many students should be placed in each category. 2+2+6

d. What is regression? Given with the number of years of education (X) and salaries (Y) in thousands of rupees of 8 working men chosen from random are as follows:

X: 20, 22, 24, 25, 12, 18, 16, 20

Y: 10, 15, 17, 14, 18, 20, 21, 23

i) Find out the coefficient of correlation between the number of years of education and the salary earned by these men. Interpret your result.

ii) What salary would you predict for a man with 25 years of education? 6+4

e. What is meant by Point-Biserial correlation? Compute the correlation coefficient of Point-Biserial from the data given below. Interpret the result. 3+6+1

Score on the adjustment scale	Success in Job	Failure in Job
10-19	1	1
20-29	6	1
30-39	8	6
40-49	11	8
50-59	13	9
60-69	4	12
70-79	1	6
80-89	0	3
90-99	1	1

## 2. Answer any four of the following:

4x5=20

a. Categorization approach of data-analysis.

b. Degree of Freedom.

c. One-tailed tests and two-tailed tests of significance.

d. Standard error of difference

e. PR & PP

## 3. Answer all the following:

3x2=6

a. What is sampling error?

b. What are the causes of divergence?

c. What is the difference between critical ratio (CR) and 't'?

## 4. Select the most appropriate alternative for the following:

4x1=4

a. Parametric Test is:

i) F-test

ii) Chi-square test

iii) Median Test

iv) Sign Test

b. Choose the option with the appropriate relation

i) chi-square=Phi Square

ii) chi-square=N X Phi Square

iii) chi-square=N<sup>2</sup> X Phi Square

iv) None of the above

c. R denotes:

i) Correlation

ii) a free package

iii) a software

iv) a data analysis device

d. Usually, the graphical representation of scores obtained on specialized papers by the postgraduate students depicts a distribution, which is by nature::

i) Abnormal ii) normal iii) skewed iv) heterogeneous

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**Subject: Education**  
**EDN-324: Educational Planning and Management**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

- 1. Answer any four of the following:** **4x10=40**
  - a. Explain the concept of planning. Discuss why planning is so impotent in Education. 3+7
  - b. Discuss the procedure of developing plans of education at centre and state level. 5+5
  - c. Discuss how education was getting managed in ancient India. Which system of management of ancient India can be adopted in modern times? Justify your answer. 6+4
  - d. Critically discuss Henry Fayol's thoughts and practices of management. 10
  - e. What do you mean by code of Ethics? What are different code of ethics that students and teachers should follow for better management of human resources and educational institutions? 2+4+4
  - f. Discuss how intra and inter-personal conflicts adversely affects the personal and institutional interest. Suggest some techniques for management of both types of conflicts. 5+5
- 2. Answer any four of the following:** **4x5=20**
  - a. Explain the social demand approach to planning.
  - b. Justify the application of systems approach in educational management.
  - c. What were the different policy measures of educational management in NPE-1986?
  - d. Explain how SWOT analysis helps in educational management.
  - e. Which type of leadership is most suitable to manage institutions like Visva-Bharati? Justify your answer.
- 3. Answer all the following:** **3x2=6**
  - a. Explain the concept of Annual Plan.
  - b. Why Five Year Plan was replaced by NITI Ayog?
  - c. What are different private sources of income for educational institutions?
- 4. Select the most appropriate alternative for the following:** **4x1=4**
  - a. The Full form of PERT is :
    - i) Programme Expert Review Technique
    - ii) Programme Exchange Renew Technique
    - iii) Programme Extension Review Technique
    - iv) Programme Evaluation Review Technique
  - b. Management is more of a :
    - i) Manual work
    - ii) Mechanical work
    - iii) Mental work
    - iv) Monetary work
  - c. Which of the following factors facilitate the Professional Growth of Teachers most?
    - i) Regular classroom observations
    - ii) Access to digital tools
    - iii) Ongoing training and workshops
    - iv) Annual performance appraisal
  - d. The primary purpose of budgeting in an educational organization is to :
    - i) Economize the expenditure
    - ii) Allocate resources effectively and plan for financial needs
    - iii) Achieve educational excellence
    - iv) Develop infrastructure.

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