

M.Ed. Semester-I Examination, 2023
Subject: Education
MED-214: Methodology of Educational Research

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. 'Educational research is an iterative process involving multiple activities'- Elucidate the statement with examples from the area of teacher education. 10
 - b. What is meant by experimental design? Examine similarities and dissimilarities between true and quasi experimental research designs. Explain Solomon's four groups design with an example in the field of teacher education. 2+4+4
 - c. Distinguish action research and applied research. State three action research problems in classroom, school and community settings. How to carry out a classroom-based action research problem? Discuss with suitable example. 3+2+5
 - d. What is sampling? Differentiate probability and non-probability sampling. Explain the probability sampling techniques with suitable example. 1+2+7
 - e. Suggest a tentative format of writing a research report. Suggest the fundamental guidelines for writing a good research report. 4+6
- 2. Answer any four of the following:** **4x5=20**
 - a. What could be the measures of controlling extraneous variables in experimental research in the field of education? 5
 - b. What is meant by ethnographic research in education? Does it differ from grounded theory research? 2+3
 - c. What is Hawthorne effect in research? How can a researcher overcome of this? 2+3
 - d. What is meant by case-study research approach? Explain the three major types of case studies with example. 2+3
 - e. Explain the principles of writing items for a questionnaire with examples. 5
- 3. Answer all the following:** **3x2=6**
 - a. What is meant by ex-post facto research in education?
 - b. What is rogeting?
 - c. Differentiate citation and in-text citation.
- 4. Select the most appropriate alternative for the following:** **4x1=4**
 - a. Which of the following is commonly shared by trend study and cohort study?
 - i. Sample is drawn from a general population in time.
 - ii. Sample is drawn from a specific population in time.
 - iii. Data are collected at specified points in time.
 - iv. Data are collected through simple random sampling technique.
 - b. The quantitative and qualitative data either converging and presenting consistent findings or diverging and showing contradictory findings related to the following mixed method research design:
 - i. Convergent Parallel Design
 - ii. Divergent Sequential Design
 - iii. Embedded Parallel Design
 - iv. Explanatory Sequential Design
 - c. The appropriate sampling technique to study the adjustment problems of slum-dwellers is:
 - i. Simple Random Sampling
 - ii. Cluster Sampling
 - iii. Stratified Random Sampling
 - iv. Systematic Sampling
 - d. In which of the following research tool the questions are presented to the respondents in face-to-face situation?
 - i. Test
 - ii. Inventory
 - iii. Questionnaire
 - iv. Schedule

M.Ed. Semester-I Examination, 2023
Subject: Education
MED-213: Psychological Perspective on Education

Time: 2 Hours

Full Marks-50

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

- 1. Answer any two of the following:** **2x10=20**
 - a. How cultural tools affect human psychological tool during the process of learning? Discuss Lev Vygotsky's Social-Constructive theory with suitable examples. 2+8
 - b. Why antecedent action is important to understand a learner's behavioural consequences in Behaviourism? Discuss the differences between S-conditioning and R-conditioning with suitable examples. 4+6
 - c. What do you mean by Intelligence? Discuss Howard Gardner's theory of multiple-intelligence. Write its implications for career choice. 2+5+3
- 2. Answer any four of the following:** **4x5=20**
 - a. Explain Thematic Apperception Test to assess personality. 5
 - b. Differentiate Verbal and Nonverbal tests of intelligence with two examples of each. 5
 - c. How sensory memory works during memory formation? Differentiate the terms working memory and long-term memory with suitable examples. 1+4
 - d. What is spiral curriculum? State the stages of concept formation as per Jerome Bruner's theory of Discovery learning. 1+4
 - e. Define conservation. Critically explain any two stages of Jean Piaget's Cognitive Development Theory. 1+4
- 3. Answer all the following:** **3x2=6**
 - a. Differentiate Id and Ego.
 - b. List any two chief features of a standardized test.
 - c. Discuss any two classroom strategies adopted by a teacher to develop meta-cognitive skills among students.
- 4. Select the most appropriate alternative for the following:** **4x1=4**
 - a. Which one does not come under the scope of Educational Psychology?
 - i. To study what the individual behavior ought to be.
 - ii. To study the natural behavior of the individual.
 - iii. To study the conscious behavior of the individual.
 - iv. To study the sub-conscious behavior of the individual
 - b. The book named 'The language and thought of the child' was written by:
 - i. Jean Piaget.
 - ii. Lev Vygotsky.
 - iii. Jerome Bruner.
 - iv. William James.
 - c. A Helpful guide for choosing the most effective reinforcers is :
 - i. Premack Principle
 - ii. Prompting
 - iii. Cueing
 - iv. Effective instruction
 - d. Halo effect is concerned to:
 - i. Interviews
 - ii. Observations
 - iii. Check lists
 - iv. Questionnaires

M.Ed. Semester-I Examination, 2023
Subject: Education
MED-212: Philosophical Perspective of Education

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. Define Education from Indian and Western Perspectives. Explain the relationship between Philosophy and Education. 6+4
 - b. What is Metaphysics? Discuss four branches of Metaphysics. 2+8
 - c. What are the educational objectives of the Upanishad? Draw the educational implications of the *Upanishad* for both teachers and students. 4+3+3
 - d. Discuss J. Krishnamurti's thought about education. Critically discuss the idea of an ideal school as visualized by Krishnamurti. 4+6
 - e. Discuss the salient features of Pragmatism. Explain how pragmatism has influenced the content and the process of contemporary education. 4+6
- 2. Answer any four of the following: 4x5=20**
 - a. Discuss any four categories, along with *Pramana*, in the '*Nyaya*' system.
 - b. Discuss in brief the different sources and theories of knowledge.
 - c. Discuss the educational implications of realism.
 - d. Briefly discuss about five Mahabratas of Jainism.
 - e. Discuss why Santiniketan has been recognized as a living heritage as declared by UNESCO.
- 3. Answer all the following: 3x2=6**
 - a. What are the pramanas as per *Advaita Vedanta*?
 - b. What are the principles of Bhakti?
 - c. What is A P J Abdul Kalam's idea about developed India?
- 4. Select the most appropriate alternative for the following: 4x1=4**
 - a. Verbal Testimony is associated with :
 - i. Logic
 - ii. Axiology
 - iii. Metaphysics
 - iv. Epistemology
 - b. According to Advaita Vedanta, Soul and Brahma are :
 - i. Different
 - ii. Unrelated
 - iii. Indifferent
 - iv. Distinct
 - c. The most appropriate meaning of Non-violence is
 - i. Absence of violence
 - ii. Presence of love
 - iii. Absence of hatred
 - iv. Presence of strength
 - d. Praxis is the study of
 - i. Educational practice
 - ii. Educational theories
 - iii. Experiment
 - iv. Integrating theory and practice

M.Ed. Semester-I Examination, 2023

Subject: Education

MED-211: Educational Studies

Time: 3 Hours

Full Marks-70

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

1. Answer any four of the following:

4x10=40

- Compare and explore the relative merits and demerits of the education systems prevailed during Vedic, Muslim, British and Post-independent era with special reference to structure, curriculum, pedagogy, discipline and management.
- 'Culture is the activity of thought and receptivity of goodness and beauty' - Critically analyze the statement and narrate the function of education for paving the path of civilization.
- Distinguish between traditional and progressive society, with especial reference to education.
- Innumerate the concept of 'discipline' and establish Education as a discipline.
- Critically analyze the process of genesis of knowledge.

2. Answer any four of the following:

4x5=20

- 'Education is a process as well as the product of the same process' - locate education as a 'system' in the light of the above quote.
- What are the noble truths of Buddhist Education system?
- Cite five examples depicting that science and technology are appearing as hindrances in the process of education and development.
- Annotate 'trans-disciplinary' approach with suitable example.
- Appraise learning resources with rational classification.

3. Answer all the following:

3x2=6

- List-up the basic roles of Directorate of Public Instruction (DPI).
- What are the differences between institution and organization?
- Detect the major educational concerns of Gurudev Rabindranath Tagore.

4. Select the most appropriate alternative for the following:

4x1=4

- Instruction occurs in the presence of
 - Civil societies & communities
 - Civil societies & objectives
 - Study resources & objectives
 - Study resources & civil societies.
- Process of acquiring knowledge is dealt in:
 - Axiology
 - Epistemology
 - Ontology
 - Metaphysics
- 'A merely well-informed man is the most useless bore on God's earth' - the quote is placed in the volume, titled:
 - Process and reality
 - Adventures of ideas
 - The aims of education
 - Science and the modern world
- System of education in an ideal society leads to technological and social development in a given point of time, depicting a gap in between in terms of rate of change, known as:
 - Cultural change
 - Social lag
 - Cultural lag
 - Social change

M.Ed. Semester-I Examination, 2024

Subject: Education

MED-211: Educational Studies

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 *in a tabular form* the relative merits and demerits of the education systems prevailed during *Vedic, Buddhist, Muslim and British* period, with special reference to *structure, curricula, pedagogy, and discipline*. 4x2.5
- b) What is Discipline? Justify Education as a discipline. 2+8
- c) Critically analyze the *concepts, principles, theories, assumptions and constructs* related to the issues those are unique to education as a discipline. 5x2
- d) Enumerate the contribution of the disciplines, *anthropology, sociology, philosophy, history and psychology* for emergence of the discipline, 'education' till the end of twentieth century. 5x2
- e) Explore the role of *media, technology-usage, NGOs, activist-groups operative in civil societies, and teacher-organizations* in revamping school-education system in your state. 5x2

2. Answer any four of the following:

4x5=20

- a) 'Education is a process as well as the product of the same process' - locate education as a 'system' in the light of the above quote.
- b) State the components of development, those possess direct bearing with education.
- c) Cite five examples depicting that science and technology are appearing as hindrances in the process of education and development.
- d) Define LR and classify its various forms.
- e) List-up major five the significant features of NCF, 2005.

3. Answer all the following:

3x2=6

- a) State the distinctive features of pedagogy and andragogy.
- b) State the concept of *inert-ideas* in pretext of education.
- c) Distinguish science and technology in extending education.

4. Select the most appropriate alternative for the following:

4x1=4

- a) 'Manan', the stage of acquiring knowledge possesses association with the following education system:
(i) Vedic (ii) Buddhist (iii) Muslim (iv) British
- b) System of education in an ideal society leads to technological and social development in a given point of time, depicting a gap in-between in terms of rate of change, known as:
(i) Cultural change (ii) Social lag (iii) Cultural lag (iv) Social change
- c) 'Application of science is referred to as:
(i) Engineering (ii) Education (iii) Multimedia (iv) Technology
- d) 'The concept of Education' was authored by
(i) Bruner (ii) Peters (iii) Dearden (iv) Broudy

M.Ed. Semester-I Examination, 2024
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MED-213: Psychological Perspective on Education

Time: 2 Hours

Full Marks-50

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

- 1. Answer any two of the following:** **2x10=20**
 - a) Differentiate the terms self-efficacy and self-concept. Explain the Observational learning theory of Albert Bandura with suitable examples. 2+8
 - b) Enumerate the importance of private speech in cognitive processing? Discuss the Socio-cultural theory of Lev Vygotsky in terms of classroom implications. 2+8
 - c) What is free association? Explain Sigmund Freud's Psychoanalytic theory of Personality. 2+8
- 2. Answer any four of the following:** **4x5=20**
 - a) Explain the 5E cycle of constructivism.
 - b) Define deferred imitation. Describe the pre-operational stages of cognitive functioning as per Jean Piaget's theory. 1+4
 - c) Briefly write any two projective techniques to assess personality.
 - d) Discuss how emotional intelligence is more important than intelligence in our life.
 - e) Explain between interpersonal and intrapersonal intelligence as suggested by Gardner.
- 3. Answer all the following:** **3x2=6**
 - a) What is spiral curriculum?
 - b) Differentiate verbal and non verbal tests of intelligence.
 - c) How Meta cognition is different from cognition?
- 4. Select the most appropriate alternative for the following:** **4x1=4**
 - a) The ability of conservation is NOT related with:
 - i) Number series
 - ii) Colour themes
 - iii) Structure
 - iv) Manipulation
 - b) Which one of these is not an example of iconic mental representation according to Jerome Bruner?
 - i) Image
 - ii) Figure
 - iii) Sign
 - iv) Text
 - c) Which one of the following is not a test of personality?
 - i) Minnesota Multi phasic personality
 - ii) 16 Personality factor Inventory
 - iii) Draw-a-man test
 - iv) Draw-a-person test
 - d) Which one is NOT a type of intelligence as proposed by Howard Gardner
 - i) Space intelligence
 - ii) Spatial intelligence
 - iii) Linguistic intelligence
 - iv) Mathematical intelligence

Logical.

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MED-214: Methodology of Educational Research

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) Make a brief research proposal on any educational area following the step-wise general format known to you.
 - b) Explain the causal-comparative research with example. How is it different from experimental research? 6+4
 - c) What do you mean by sample and sampling technique? Describe probability sampling techniques with examples. 2+2+6
 - d) Define educational research? Distinguish basic, applied and action research with examples. Which one among the above stated research types predominates the area of teacher education and why? 2+6+2
 - e) What is 'case' in a case study? How conducting a case study is different from action research in a school setting? Explain with suitable examples. 2+2+6
- 2. Answer any four of the following:** **4x5=20**
- a) What is Plagiarism? What are the consequences of plagiarism in academics? How can you avoid it? 1+2+2
 - b) Explain the steps involved in ethnographic research in education.
 - c) What is Hawthorne effect in research? How a researcher can overcome this effect? 2+3
 - d) Describe the types of hypothesis.
 - e) What are the basic steps of a research tool construction?
- 3. Answer all the following:** **3x2=6**
- a) Differentiate between cross-sectional and longitudinal research.
 - b) What is 'triangulation' in research?
 - c) Differentiate between reference and annotated reference.
- 4. Select the most appropriate alternative for the following:** **4x1=4**
- a) Which sampling technique is commonly used in qualitative research when studying hard-to-reach populations?
 - i. Cluster sampling
 - ii. Snowball sampling
 - iii. Systematic sampling
 - iv. Quota sampling
 - b) Which of the following is a key feature of grounded theory?
 - i. It starts with a hypothesis to be tested
 - ii. It uses deductive reasoning
 - iii. It involves constant comparison of data
 - iv. It relies on large sample sizes
 - c) What is the purpose of the 'abstract' in a research report?
 - i. To provide a detailed literature review
 - ii. To list all the references used in the study
 - iii. To present raw data collected during the research
 - iv. To summarize the entire study concisely
 - d) What is the purpose of a placebo in an experiment?
 - i. To eliminate the effects of participant bias
 - ii. To replace the need for a control group
 - iii. To ensure all participants receive the treatment
 - iv. To replace the independent variable

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MED-212: Philosophical Perspective on Education

Time: 3 Hours

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

Full Marks-70

1. Answer any four of the following:

- a) Discuss the etymological meaning of education. Explain the Indian concept of Education. 4x10=40
- b) What is 'Epistemology'? Discuss the sources and types of knowledge. 4+6
- c) What are the educational objectives of Bhagabad Gita? Discuss the curriculum and methods of teaching as per Bhagabad Gita. 3+7
- d) Discuss the educational vision and values of Dr. A.P.J. Abdul Kalam. 4+3+3
- e) Discuss salient features of Idealism. Elucidate about the curriculum, method of teaching and discipline as per idealism. 4+6

2. Answer any four of the following:

- a) Discuss how philosophy and education are related 4x5=20
- b) Explain 'Teleology' and 'Cosmology'
- c) Discuss the concept of 'Triratnas'.
- d) Explain the Banking concept of Education
- e) Give justification for 'Open Air classes' of Rabindranath Tagore

3. Answer all the following:

- a) What is the concept of 'Avidya'? 3x2=6
- b) Explain 'Nishkama Karma'
- c) What do you mean by 'Vedanta'?

4. Select the most appropriate alternative for the following:

- a. Axiology is associated with : 4x1=4
 - i. Logic
 - ii. Values
 - iii. Knowledge
 - iv. Reality
- b. Charvak philosophy is associated with :
 - i. Testimony
 - ii. Inference
 - iii. Comparison
 - iv. Perception
- c. Who was the Advaita Vedantist ?
 - i. Madhabacharya
 - ii. Ramanujacharya
 - iii. Sankaracharya
 - iv. Kripacharya
- d. Project Method is more akin to :
 - i. Idealism
 - ii. Naturalism
 - iii. Humanism
 - iv. Pragmatism
