



Ph.D. ENTRANCE EXAMINATION, MAY 2018

Time : 3 Hours

Max. Marks : 100

Instructions :

- 1) Answer **any ten** questions from Part/Section **A** and **B**.
- 2) **All** questions carry **equal** marks.
- 3) Candidates should clearly indicate the **Section, Question Number** and **Question Booklet Code** in the answer booklet.
- 4) The candidates are **permitted** to answer questions **only** from the subject that comes under the **faculty** in which he/she seeks registration as indicated in the **application** form.

Name of candidate

Register Number

Answer Booklet Code

Signature of Candidate

Signature of Invigilator

-
1. **Faculty of Commerce – Commerce**
 2. **Faculty of Education – Education**
 3. **Faculty of Physical Education – Physical Education**



FACULTY OF COMMERCE

1. Commerce

Part – A

Research Methodology

Answer **any 10** questions. **Each** question carries **5** marks. **(10×5=50 Marks)**

1. Explain the essential qualities of a rating scale.
2. Distinguish between a leading question and a loaded question in a questionnaire.
What is a double barreled question ?
3. Distinguish between depth and coverage of literature review.
4. What is the difference between exploratory research and descriptive research ?
5. Explain the factors influencing sample size decision.
6. Discuss the merit and limitations of use of secondary data.
7. What are the advantages and disadvantages of using equipments in data collection ?
Mention any three commonly used equipments for data collection.
8. Discuss the sequential steps in research problem solving.
9. Distinguish between a research problem and indication of research problem with examples.
10. Explain the factors to be considered in deciding the statistical test to be used in data analysis.
11. How a factorial research design different from a Latin square design ?
12. Define data. What are its functions ?
13. What are the functions of a questionnaire ?
14. Discuss the ethical issues in social research.
15. The quality of a research report includes validity, appropriateness and brevity.
What do you mean by it ?

**Part – B****Commerce**

Answer **any 10** questions. **Each** question carries **5** marks. **(10×5=50 Marks)**

1. Explain the unique features of GST. What will be the economic impact of GST in India ?
2. Define capital asset as per Income Tax Act. What are the items exempted from the definition of capital asset ?
3. Discuss the challenges in implementing IFRS in India.
4. Discuss the economic functions of a stock exchange.
5. What do you understand by watered capital ? Under which circumstances it happen ?
6. Define corporate governance. What are the basic principles of corporate governance ?
7. What do you understand by target marketing ? What are the factors looked into while targeting ?
8. What do you mean by CVP analysis ? What are its uses in managerial decision making ?
9. What do you mean by time value of money ? What is its use in capital budgeting ?
10. What do you understand by income exempted from tax under Section 10 of the Income Tax Act ? List out any ten items.
11. Distinguish between standard deviation and beta as measures of risk. Which is a better measure for risk analysis in developing capital markets ?
12. What do you understand by CAPM ? What is its use ?
13. Distinguish between profit maximization and wealth maximization concepts of financial management.
14. Explain briefly Financial Accounting, Cost Accounting and Management Accounting.
15. Discuss the major reforms introduce in banking sector as part of liberalization during the last two decades.



FACULTY OF EDUCATION

2. Education

Part – A

Research Methodology

Answer **any ten** questions. **Each** question carries **5** marks. **(10×5=50 Marks)**

1. What are the sources to identify the Research Problem ?
2. List out the steps involved during Research Design Preparation.
3. Differentiate Null Hypothesis from Directional Hypothesis.
4. Explain the types of Educational Research.
5. What is Research Proposal ? Elaborate the structure of Research Proposal.
6. Discuss the need for review of Related Literature in Educational Research.
7. Distinguish between Primary Data and Secondary Data.
8. What is Action Research ? Explain its importance.
9. Define Validity. Briefly the types of validity.
10. Differentiate qualitative research from quantitative research.
11. Enumerate the features of Historical Research.
12. What is sampling ? Explain the different types of sampling methods.
13. What is meant by 'Limitation in Research Delimitation' ? Is it the same as of any research ?
14. Write the APA format of Bibliography for some Books, Journals and Encyclopaedia.
15. Briefly the structure of a Research Report.



Part – B
Education

Answer **any ten** questions. **Each** question carries **5** marks. **(10×5=50 Marks)**

1. Describe the education system prevalent during Pre and Post Independence periods.
2. Explain the basic education system of Mahatma Gandhi.
3. Brief the tenets of RTE Act, 2009.
4. List out the recommendations given by Kothari Commission 1964 – 66.
5. What are the uses of Educational Psychology ?
6. Explain the theory of Maslow's hierarchy of needs.
7. Differentiate between Growth and Development.
8. Describe the structure of intelligence developed by Guilford.
9. Compare Pragmatists and Realists Schools of Thought.
10. Highlight the implications of National Curriculum Framework for Teacher Education.
11. "Education in an Investment" – substantiate this statement with suitable illustrations.
12. Distinguish problem solving method from project method.
13. Unity and integrity of the Nation lies with every individual citizen – Illustrate this statement.
14. What do you mean by Instructional Strategy ? As a teacher, How do you benefit your learners by means of your instructional strategy ?
15. List out the ethical and moral principles that you wish to practise and impart to your learners.



FACULTY OF PHYSICAL EDUCATION

3. Physical Education

Part – A

Research Methodology

Answer **any ten** questions of the following. **Each** question carries **5** marks.

(10×5=50 Marks)

1. Distinguish between a research study and an experiment.
2. Explain various unscientific methods of problem-solving.
3. What do you understand by internal and external validity ?
4. Explain various types of analytical research.
5. Briefly explain the criteria for selecting a research problem.
6. What are the various secondary sources in historical research ?
7. What is the meaning and objectives of survey studies ?
8. What is a hypothesis ? Explain characteristics of a hypothesis.
9. Explain interview method of data collection.
10. What is nonprobability sampling and what are its types ?
11. What do you mean by research design and why it is needed in the research process ?
12. Explain the format of a research proposal.
13. What is data ? What are the various methods of data collection ?
14. Discuss various sources of literature review.
15. How can be the quality of research improved in physical education ?

**Part – B****Physical Education**

Answer **any ten** questions of the following. **Each** question carries **5** marks.

(10×5=50 Marks)

1. What are the common symptoms of poor adjustment to athletic and exercise injuries ?
 2. What is doping and explain the method of blood doping.
 3. Define equilibrium and what are the factors influencing equilibrium ?
 4. Discuss the implications of a learning curve in physical education and sports.
 5. What is psychodynamic approach to personality and why is it important ?
 6. Discuss training load and principles of intensity.
 7. What is socialization ? How is socialization achieved through sports ?
 8. Define the term 'lever'. Enlist its types and explain with suitable examples in sports.
 9. Calculate the Body Mass Index (BMI) of a male person whose weight is 80 kg and height is 1.6 m. Also, state the category in which he falls.
 10. Calculate the fitness index of a person whose total pulse count during recovery was 240 beats in Harvard Step Test.
 11. Explain one specific skill test battery of any game of the following : Hockey, Badminton.
 12. Explain any two of the following : Face validity, Reliability, Norms, Feasibility.
 13. What is the difference between growth and development ? Discuss the principles of growth and development.
 14. What do you mean by detraining and off-season period of training ? Define the major components of physical training.
 15. Define the term "Play". Discuss any two theories of play.
-