Ph.D. ENTRANCE EXAMINATION, DECEMBER 2021

Time : 3 Hours   Max. Marks : 100

Instructions :

1) Answer ***any ten*** questions each from Part ***A*** and ***B.***

2) Each question carries ***five*** marks.

3) Candidates should clearly indicate the ***Part, 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

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1.	**FACULTY OF COMMERCE**	–	**COMMERCE**
2.	**FACULTY OF EDUCATION**	–	**EDUCATION**
3.	**FACULTY OF FINE ARTS**	–	**MUSIC**
4.	**FACULTY OF LAW**	–	**LAW**
5.	**FACULTY OF PHYSICAL EDUCATION**	–	**PHYSICAL EDUCATION**
6.	**FACULTY OF MANAGEMENT**	–	**1. MANAGEMENT**
		–	**2. TOURISM**

1. FACULTY OF COMMERCE

Commerce

Part – A

Research Methodology

I. Answer any **ten** questions :

1. State the objectives of social science research.

2. Distinguish between descriptive and analytical research.

3. What is meant by Research Ethics? What is the relevance of ethics in research?

4. Explain briefly Case Study method of research.

5. How do you identify the research problem? Explain.

6. What is Literature Review? Why is it needed in Social Science Research?

7. What is a Research Design? State the contents of a research design for social science.

8. What is meant by Hypothesis? Distinguish between Null Hypothesis and Alternative Hypothesis.

9. What is meant by Research Proposal? What are the contents of a research proposal?

10. Distinguish between probability sampling and non probability sampling.

11. What are sampling errors? How do they arise?

12. Discuss the merits and demerits of Secondary Data.

13. What is Factor Analysis? State its practical applications in research.

14. On what basis a Research Report can be adjudicated? Discuss.

15. Discuss briefly the career opportunities to researchers in Commerce other than academic profession.

(10 × 5 = 50 Marks)

Part – B

Commerce

II. Answer any **ten** questions :

1. Explain how long term investment decisions are useful for Corporates in the modern competitive era.

2. How do you select the right portfolio for investment decisions? Explain.

3. "Indian business units experience different challenges in the field of international business after the introduction of LPG". Elucidate.

4. Discuss briefly the major functions of International Finance Managers.

5. As HR Manager how can you minimise the attrition rate in private enterprises in India?

6. Explain briefly the HR strategies adopted by the MNCs during post COVID situation.

7. How do you undertake a market research for a newly introduced product after the occurrence of COVID 19?

8. Discuss briefly the issues and challenges of IT Organisations in current competitive business environment.

9. Suggest any five Tax Planning methods suitable for Salaried Class assessees.

10. "The introduction of GST has benefited to the customers, Government and the Economy of our Country to a significant extent". Elucidate.

11. What is meant by IFRS? Explain how is it beneficial to investors.

12. Write a note Indian GAAP and USGAAP.

13. What is meant by Inflation Accounting? Discuss.

14. Explain briefly the emerging trends in Financial services in India.

15. "Management Accounting is an invaluable tool to management of business for decision making" – Discuss.

(10 × 5 = 50 Marks)

2. FACULTY OF EDUCATION

> **Education**

Part – A

Research Methodology

I.   Answer any **ten** questions :

1.   What do you mean by qualitative research? What are the characteristics of it?

2.   Explain the concept of 'Triangulation'. How will you incorporate different types of Triangulation for data collection?

3.   What are the factors that decide the size of a sample in a research?

4.   What is item-analysis? How is it useful in test construction?

5.   Mention any three differences between 'Likert' and 'Thurston' technique for construction of an attitude scale.

6.   Briefly describe how will you test the significance of a coefficient of correlation?

7.   How is 'inferential statistics' different from 'descriptive statistics'?

8.   How do ethnographic methods differ from scientific methods with respect to data gathering and data interpretation?

9.   How would you establish reliability and validity of data in historical research?

10. Describe the concept and assumptions of analysis of covariance.

11. What are the advantages of converting raw scores into standard scores and T scores?

12. Distinguish between 'Statistic' and 'Parameter'.

13. List out different types of Hypothesis giving example for each type.

14. Distinguish between 'Confidence Interval' and 'Confidence Level'.

15. What do you mean by Mixed method of research?

(10 × 5 = 50 Marks)

Part – B

Education

II. Answer any **ten** questions :

1. Explain the need for modernization of education in the 21st Century.

2. What do you mean by curriculum development? Give a diagrammatic representation for designing the learning experience.

3. Explain the assessment strategies that can be used for teacher education.

4. List out the preparatory measures for collaborative learning to be successful.

5. Describe giving examples from classroom events, the type of learning identified by Gagne and their hierarchical nature.

6. Clarify the duties of a teacher as a techno-pedagogue.

7. Briefly explain 'social alienation' and 'social exclusion' and what are their educational implications?

8. What are the strategies of technology enhanced learning?

9. What do you mean by 'Advance Organizer'? How 'Integrative Reconciliation' strengthen cognitive structure?

10. Briefly describe the role of 'Portfolio's in the technology driven education'.

11. What do you mean by 'Alternative Education'? Explain its significance in Indian Context.

12. Write a critical note on 'Bloom's Taxonomy of objectives'.

13. Define learning style. What are the characteristics of kinesthetic learners?

14. How does assistive technology help the learners with disabilities?

15. Suggest some ways for women to attach equal opportunities in the community.

(10 × 5 = 50 Marks)

3. FACULTY OF FINE ARTS

MUSIC

Part – A

Research Methodology

I. Answer any **ten** questions :

1. Explain various types of research.

2. What are the different sources for Data collection?

3. Explain the structure of a thesis.

4. Explain the Modern trends in the development of Music with reference to Books, journals, Education and Research.

5. What is plagiarism? Explain the methods to find out plagiarism in publications.

6. What is the structure of a research article?

7. How important are primary source materials in a research?

8. Explain bibliography, footnote and glossary.

9. What is the difference between qualitative research and quantitative research?

10. What are the main components of a thesis?

11. How important is aim and objective in developing a research thesis?

12. Narrate some of the music websites where information on Carnatic music is available.

13. How to prepare a synopsis; what are the components of a synopsis?

14. Summaries the limitations in music research.

15. What is review of literature?

(10 × 5 = 50 Marks)

Part – B

MUSIC

II. Answer any **ten** questions :

1. 72 Melakartha scheme is an important land mark in the history Carnatic music – Explain.

2. List the important landmarks in the history of Indian music.

3. Examine the significance of Kudumiamalai inscription in the development of South Indian Music.

4. Explain various Tala Systems of South Indian Music.

5. Explain the Angas of the Musical form Kriti.

6. Write an essay on the evolution of concerts.

7. Write the raga lakshana of Sahana and Amrithavarshini.

8. Explain the various stages in the rendering of a Pallavi.

9. Write an essay on the music in Kathakali and instruments used in it.

10. List the Group kritis of Swathi Thirunal.

11. Elucidate the music chapters in Bharata's Natya Sastra.

12. Discuss the music of Post Tyagaraja period.

13. Explain the Bharata's experiment of 22 srutis.

14. Compare the musical forms Kriti and Keerthana.

15. Explain the madhura bhakti theme used in musical compositions.

(10 × 5 = 50 Marks)

4. FACULTY OF LAW

Law

Part – A

Research Methodology

I.   Answer any **ten** questions :

1.   Explain the importance of research in the development of a society.

2.   Examine the significance of identification of research problem.

3.   What are the major steps involved in a legal research?

4.   What are the structure of a research report?

5.   Explain different kinds of legal research.

6.   Describe the tools of legal research.

7.   Explain the relevancy of data collection in a legal research.

8.   Explain the relevancy of a hypothesis in legal research.

9.   Explain important aspects of observation as a method of data collection.

10.   What are the different kinds of surveys?

11.   Describe the precautions that should be taken in sampling technique.

12.   How a questionnaire can be formulated?

13.   What are the types and characteristics of a good schedule?

14.   How social survey helps for a good outcome of a research?

15.   What are the merits and demerits of sampling method?

(10 × 5 = 50 Marks)

Part – B

Law

II. Answer any **ten** questions :

1. Gender justice and Transgender.

2. Right to privacy as a fundamental right.

3. Critical analysis of measures for the enforcement of human rights in India.

4. Independence of judiciary.

5. Good governance and right to information.

6. Critical analysis of legal provisions relating to marital rape.

7. Distinguish between murder and culpable homicide not amounting to murder.

8. Analysis of rule against bias.

9. Doctrine of fairness in decision making process.

10. Judicial review of administrative discretion.

11. Scope of administrative law during crisis.

12. Role of directive principles of state policy in a welfare state.

13. Application of doctrine of mens rea in statutory offences.

14. Child in conflict with law after Nirbhaya case.

15. Extent of private defence available to person and property.

(10 × 5 = 50 Marks)

5. FACULTY OF PHYSICAL EDUCATION

Physical Education

Part – A

Research Methodology

I.   Answer any **ten** questions :

1.   What are the steps involved in historical research?

2.   Explain in detail about the method of writing research proposal.

3.   Define sample. Distinguish between probability method and non-probability method of sampling. Illustrate sampling techniques.

4.   Explain equated group and factorial design with example.

5.   Explain various chapter in research report.

6.   Describe the method of conducting survey study.

7.   Explain systemic and cluster sampling.

8.   Explain the procedure to locate a research problem.

9.   Define research and classify.

10.   What is laboratory research? Explain various research designs.

11.   Differentiate between research hypothesis and null hypothesis. Discuss the importance of research hypothesis and null hypothesis in research.

12.   Explain the importance of limitation and delimitation in a research.

13.   What is the importance of survey in research? Describe the steps to be followed in the construction of a questionnaire.

14.   Write the meaning of philosophical research and explain the steps in critical thinking.

15.   What is sampling? Explain sampling errors.

(10 × 5 = 50 Marks)

M – 2936

Part – B

Physical Education

II.   Answer any **ten** questions :

1.   Give a detailed note on prevention of sports injuries.

2.   Explain blood doping and IOC regulation in doping.

3.   Define overload and explain the symptoms of overload.

4.   Discuss the effect of training on Cardio respiratory system of human body.

5.   What is the importance of curriculum designing? Describe in brief the principles of curriculum planning.

6.   Explain the mechanics of breathing.

7.   Explain how arousal and anxiety affect performance.

8.   Briefly explain the energy metabolism and fatigue in working muscle.

9.   Describe the skills of management and the role of manager in the management of Physical Education and sports.

10.   Describe the process of anaerobic glycolysis.

11.   Explain Roger's Physical fitness test.

12.   Explain levers. Elaborate on the various classes of lever.

13.   What are the various categories of nutrients? Describe.

14.   Enumerate the recent innovations in the area of educational technology.

15.   Elucidate the postural deviations and suggest corrective exercises.

(10 $\times$ 5 = 50 Marks)

M – 2936

6. FACULTY OF MANAGEMENT

> **1. Management**

Part – A

Research Methodology

I.   Answer any **ten** questions :

1.   How would you identify and formulate research problems?

2.   How are research design classified? What are the distinguishing features of each?

3.   How can one establish the authenticity of the information collected by secondary sources? Are there clear quality checks that a researcher must be aware about?

4.   Distinguish between internal and external sources of data collection. In what situation would you recommend the usage of one over the other?

5.   What is observation method? What are the different types of observation methods available to the researcher?

6.   What are the advancement have been made in the interview method in data collection? How has technology helped in the conduction of interview?

7.   Distinguish between pilot study and pre-test.

8.   What is scaling? Describe the various scaling techniques used in business research.

9.   Define measurement. Explain the most widely uses classification of measurement scale with examples.

10. What are the criteria of a sound questionnaire? How can one improve the quality of the instrument design?

11. What is need of sampling? Explain the factors which should be considered while selecting a sample for research.

12. List out the similarities and differences between the quota sampling and stratified sampling.

13. Explain the various steps involved in the test of hypothesis exercise.

14. What are parametric test? Where do you use it?

15. What are the guidelines for effective report writing? Illustrate with examples.

(10 × 5 = 50 Marks)

Part – B

Management

II. Answer any **ten** questions :

1. Define planning. Explain the nature and scope of planning with respect to modern management.

2. What are the various control techniques used in the modern organization give examples.

3. Explain the theory X and Theory Y. How Theory Y is an improvement over traditional views?

4. Explain the Dangers of :

   (a) Excess working capital and

   (b) Inadequate working capital.

5. What are the various data collection methods to map competency?

6. Discuss the important pre-requisites needed before a performance management system is launched.

7. Define financial statement analysis. How is it useful to different for management and creditors and discuss its nature and limitations of financials statement.

8. What are the significance and limitations of the debt equity ratios as a measure of the firm solvency?

9. How do you differentiate between risk and uncertainty?

10. What are the various dimensions of setting corporate objective?

11. List out the reasons for business diversification strategies.

12. What is brand image? How brand image can be created and sustained?

13. Explain the significance of hypothesis in statistical investigation.

14. Examine the various impact of world trade organization (WTO) on international business.

15. How would you use SWOT analysis to identify and select the location for service business in India?

(10 × 5 = 50 Marks)

FACULTY OF MANAGEMENT

| 2. Tourism |

Part – A

Research Methodology

I. Answer any **ten** questions :

1. Differentiate between quantitative and qualitative research.

2. Write short notes on skewness and kurtosis of a data set.

3. What is hypothesis? Give any five basic concepts of testing the hypothesis.

4. What do you mean by Sample Design? Discuss different types of sampling techniques with the help of suitable examples.

5. Write the meaning and differences between t-test and chi-square test.

6. Distinguish between Parametric and Non-Parametric Tests.

7. Explain the meaning of analysis of variance. Briefly describe the technique of analysis of variance for one way and two-way classifications.

8. Illustrate the construction of Likert scale/summated scale with an example.

9. Explain questionnaire as a tool for data collection. Mention its advantages and disadvantages.

10. What is random sampling? What are the types of random sampling? Explain them with examples.

11. Explain the structure of a research report.

12. What is literature review? Discuss the sources of literature review.

13. Differentiate between bivariate analysis and multivariate analysis.

14. What is Citation Analysis? How is it used as a tool for research evaluation?

15. Explain the concept of Meta Analysis.

(10 × 5 = 50 Marks)

M – 2936

Part – B

Tourism

II. Answer any **ten** questions :

1. Explain the 3A's of tourism components with relevant examples.

2. Explain Doxey's Irridex Index and Stanley Plog's model tourism systems.

3. Examine the need for the conservation of wildlife.

4. Discuss the importance of nature-based tourism resources of India.

5. Describe hotel industry and its relationship with tourism development.

6. Explain the role of rail transport in tourism development of our country.

7. What are the things should be considered while costing a tour? What are the different kinds of ancillary services provided in a tour?

8. Discuss the characteristics of service marketing with relevant examples.

9. Explain the process of new product development related with tourism.

10. Throw light on the tourism policy of the Kerala government.

11. Is hospitality management in India in the field of tourism satisfactory? Substantiate your answer with example.

12. Explain the functions of management.

13. Explain the term motivation. Explain any one motivational theory.

14. Explain the effects of globalization and liberation in improving tourism growth.

15. Write short notes on 'Dekho Apna Desh' organised by Ministry of Tourism, Government of India.

(10 $\times$ 5 = 50 Marks)

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M – 2936

ROUGH WORK

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