IIHMR DELHI | INTERNATIONAL INSTITUTE OF HEALTH MANAGEMENT RESEARCH

Fellow Program in Management

2024-2027 Batch

2nd Semester End Examination

Course & Code	:	**Research Ethics and Advance Scientific Writing-FP 730**	**Reg. No. :**
Semester & Batch	:	**II, 2024-2027**	**Date : 19-08-2025**
Timing & Duration	:	**02:00 – 05:00 P.M. (3 Hrs.)**	**Max. Marks : 70**

Instructions:

- Budget your time as per the marks given for each question and write your answer accordingly.

Part A (Total marks 30)

The questions in this section are based on the article given to you. The answers to your questions should be specific to the article.

1. What study design have the authors used for this study? (2)
2. What was the 'exposure' in the study? (2)
3. How did the authors ascertain the exposure? (2)
4. How was the dose response relation between exposure and outcome investigated? (2)
5. What are the possible sources of bias in a cohort study? How were those addressed in this study? (4)
6. Do you think the results obtained in the study were due to 'chance'? Why? (3)
7. Do you think misclassification had affected the study findings? How? (3)
8. What other study design/s do you think would be useful to study the association between use of mobile phones and cancers? (2)
9. What advantages and disadvantages will be there with this design compared to the one that authors have chosen? (5)
10. What could be the possible challenges of replicating the same study in India? (5)

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Part B (Total marks 40) - Answer any 4 questions.

1. You have to design a study on the association of gym exercises and heart attacks. What are the points that should be covered under Ethical considerations. (10)

2. Frame relevant research questions for the following: (10)
    a. Burden of bronchial asthma in Delhi
    b. Benefit of reducing screen time in children

3. How do you define 'H" index? What are the problems with using "H" index measurement? (10)

4. Mention the points that you would want to include in the Background section for a proposal on "Assessing the effectiveness of digital intervention to improve uptake of immunization in children". (10)

5. What are the functions of the Ethics Committees. (10)