

2M5106

Roll No. _____

Total No of Pages: **3**

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M. B. A. II Sem. (Main / Back) Exam., April - May 2017
M-206A Research Methods in Management

Time: 3 Hours

Maximum Marks: 70

Min. Passing Marks: 28

Instructions to Candidates:

- (i) *The question paper is divided in two sections.*
- (ii) *There are sections A & B. Section A contains 6 questions out of which the candidate is required to attempt any 4 questions. Section B contains short case study / application based question which is **compulsory**.*
- (iii) *All questions carry **equal** marks.*

1. NIL

2. NIL

SECTION - A

- Q.1 (a) Define Research and discuss the objects of Research. [7]
(b) What are the various steps in Research Process? Briefly explain them. [7]
- Q.2 (a) What do you mean by analysis of research data? Explain the techniques of analysis. [7]
(b) What do you mean by interpretation of research data? [7]
- Q.3 (a) Distinguish between primary and secondary data. [7]
(b) Explain difference between a questionnaire and a schedule. [7]

Q.4 (a) What do you mean by hypothesis testing? [7]

(b) Explain the following – [7]

(i) Z – test

(ii) T – test

Q.5 On the basis of information given below about the treatment of 200 patients suffering from a disease, state whether the new treatment is comparatively superior to the conventional treatment?

Treatment	No. of Patients		Total
	Favorable Response	No. Response	
New	60	20	80
Conventional	70	50	120
Total	130	70	200

For drawing your inference use the value of χ^2 for one d.f. at 5% level of significance, viz, 3.84. [14]

Q.6 (a) Write short note on preparation and publication of Thesis. [7]

(b) Define 'Association of Attributes'. How will you examine the consistency of data classified according to different attributes? [7]

SECTION - B

Q.7 Case Study

Three varieties of wheat are tested in a completely randomized design with five replicants. Layout and yields are given in the following table. Prepare an analysis of variance table and test whether the difference in three varieties of wheat is significant as regards to yield? (Test at 1% level of significance). [14]

(Strains)	(Block)				
	I	II	III	IV	V
X	20	21	23	16	20
Y	18	20	17	15	25
Z	25	28	22	28	32
