2M5106

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M. B. A. II Sem. (Main / Back) Exam., June-July 2016

M-206 A 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.*

SECTION – A

Q. 1 (a) Explain the concept of research and its application in various functions of management. [7]

(b) What are the different types of business problems encountered by the researcher? [7]

Q. 2 What do you mean by research design? Explain various methods of research design. [14]

Q. 3 (a) What do you understand by primary and secondary data? Explain the various methods of collection of primary data and sources of secondary data. [7]

(b) What is questionnaire? What is difference between questionnaire and schedule? What precautions should be taken in drafting a good questionnaire? [7]

Q. 4 (a) Explain sub–divided bar diagrams and Pie–Diagrams with illustration and their significance. [7]

(b) Distinguish between parametric and non-parametric tests. Give advantages of a non-parametric test. [7]

Q. 5 (a) What are the precautions should be taken in preparing the research report. [7]

(b) Write a short note on thesis. [7]

Q. 6 (a) A certain medicine given to each of the 12 patients resulted in the following increase of blood pressure. Can it be concluded that the medicine will in general be accompained by an increase in blood pressure?

(t. 05 for df. = 11 is 2.201) +5, +2. +8, -1, +3, 0, +6, -2, +1, +5, 0, .+4. [7]

(b) How many pairs of items should be included in a sample so that for r = +.42, the calculated value of t may be more than 2.72? [7]

OR

The marks obtained in an examination follow the normal distribution with mean 180 and standard deviation 40. If 10,000 students appeared at the examination. [14]

(a) Calculate the number of students scoring between 140 and 150 marks,

(b) Lowest marks of 1000 toppers

(c) Highest marks of 500 worst performers.

[Z (P = 0.4) = + 1.28]

SECTION – B

Case Study

Q. 7 The following table gives the yields on 15 sample fields under three varieties of seeds (viz A,B,C): [14]

A	B	C
20	18	25
21	20	28
23	17	22
16	25	28
20	15	32

Test at 5% level of significance whether the average yields of lard under different varieties of seed show. Significant differences (Table value of F at 5 % level for $V_1 = 2$ and $V_2 = 12 = 3.88$)
