M. B. A. (Sem. II) (CBCS) Examination

April / May - 2016

SO-10207 - Research Methodology

Faculty Code : 010

Subject Code : 003207

Time : **3** Hours]   [Total Marks : **70**

Instruction : All questions carry equal marks.

1   Give very short answers : (any **seven**)   14
   (1)   Response rate
   (2)   Longitude research
   (3)   Type I and Type II error
   (4)   Research design
   (5)   Median
   (6)   Research problem
   (7)   Level of confidence
   (8)   Sampling distribution
   (9)   Null hypothesis

2   (a)   Why should a researcher review available literatures   7
         relating to his topic?

   (b)   In an industry, 200 workers employed for a specific   7
         job and were classified according to their performance
         on the basis of training received and not received.
         Following is the data from which test independence of
         training and performance. (at 5% level of significance
         table value is 3.84)

	Performance		
	Good	Not Good	Total
Trained	100	50	150
Untrained	20	30	50
Total	120	80	200

OR

2 (a) What do you mean by exploratory research? Explain **7**
the steps in exploratory research.

(b) The demands of the books from a library from Monday **7**
to Friday are given below :

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Demand	136	100	120	130	114

Test the hypothesis that the demand of number of books
do not depend upon the day of the week. (at 5 % level
of significance critical value of Chi-square is 9.49)

3 What do you mean by 'Research'? Briefly explain various **14**
steps in the process of research.

OR

3 The following yields were obtained by using the fertilizers **14**
in different plots :

Fertilizers	Yield			
A	1	4	3	3
B	6	5	4	2
C	7	3	5	6

Test the hypothesis that there is no significant difference
between the fertilizers using one way ANOVA test. (at 5%
level of significance table value of F is 4.26)

4 (a) Briefly explain focus group discussion and field **7**
investigation. - support your answer with suitable
example.

(b) What is bibliography? Explain the purpose of writing **7**
bibliography in research report.

OR

4 (a) Define sampling. Briefly explain non probability **7**
sampling methods with suitable examples.

(b) What do you mean by primary data collection? Write **7**
down advantages and disadvantages of primary data
collection.

5 Briefly describe the layout of a research report, covering **14**
all relevant points.

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