



Seat No.	
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SB - 90

Total No. of Pages : 3

**B.A. (Part - III) (Semester - V) Examination, October - 2019**  
**HOME SCIENCE (Special Paper - XI)**  
**Research Methodology**  
**Sub. Code : 65365**

Day and Date : Thursday, 31 - 10 - 2019

Total Marks : 40

Time : 03.00 p.m. to 05.00 p.m.

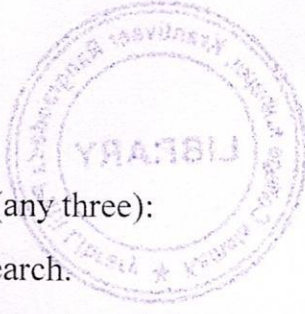
- Instructions:
- 1) All questions are compulsory.
  - 2) Figures to the right indicate full marks.
  - 3) Draw diagram wherever necessary.
  - 4) Use calculator wherever necessary.

**Q1) Fill in the blanks choosing correct alternative:**

**[5]**

- i) \_\_\_\_\_ technique is a primary source of data collection.
  - a) Diary
  - b) Letters
  - c) Interview
  - d) Memories
- ii) Mean of the following data is \_\_\_\_\_ observations - 08,11,23,07,26
  - a) 08
  - b) 12
  - c) 15
  - d) 23
- iii) \_\_\_\_\_ writing is the last step of research.
  - a) Research design
  - b) Result
  - c) Conclusion
  - d) Research Report
- iv) Study of adolescents problems is the thrust area of research in \_\_\_\_\_.
  - a) Home management
  - b) Human development
  - c) Nutrition
  - d) Extension education
- v) Research laboratory is a major requirement of \_\_\_\_\_ research.
  - a) Applied
  - b) Experimental
  - c) Historical
  - d) Fundamental

**P.T.O.**



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Q2) Write short notes (any three):

[15]

- Steps of research.
- Calculate the mode of following set.  
10,12,10,11,13,10,09,10,09,13
- Use of Research journals and internet for research.
- Thrust areas of research in extension education.
- Need of Research.

Q3) Solve the following questions (any two)

[20]

- Write simple random sampling methods.
- Explain the steps of report writing.
- Write in detail on thrust area of research in extension education.

### मराठी रूपांतर

- सूचना :
- सर्व प्रश्न आवश्यक आहेत.
  - उजवीकडील अंक पूर्ण गुण दर्शवितात.
  - आवश्यक तेथे सुबक आकृत्या काढा.
  - आवश्यक तेथे कॅल्क्युलेटरचा वापर करा.



प्र.1) योग्य पर्याय निवडून रिकाम्या जागा भरा.

[5]

- .....तंत्र हे तथ्य संकलनाचे प्राथमिक स्तोत्र आहे.
  - रोजनिशी
  - पत्रे
  - मुलाखत
  - आठवणी
- खालील तथ्याचा मध्य .....आहे. निरीक्षणे - 08,11,23,07,26
  - 08
  - 12
  - 15
  - 23

