



# UNIVERSITY OF THE PUNJAB

Seventh Semester – 2019

Examination: B.S. 4 Years Program

Roll No. in Fig. ....

Roll No. in Words. ....

PAPER: Research Methods-II  
Course Code: BSCS-401 Part-I (Compulsory)

MAX. TIME: 15 Min.  
MAX. MARKS: 10

Signature of Supdt.:

**Attempt this Paper on this Question Sheet only.**

**Please encircle the correct option. Division of marks is given in front of each question.**

**This Paper will be collected back after expiry of time limit mentioned above.**

**Q.1. Encircle the right answer, cutting and overwriting is not allowed. (1x10=10)**

i. Subset of population

- (a) Population (b) Sample  
(c) Independent variable (d) A, B & C

Subset کے Population کو کہتے ہیں۔ .i

(ب) سمپل (الف) آبادی  
(د) الف، ب اور ج Independent Variable (ج)

ii. Sample is selected mathematically and chances of selection are equal.

- (a) Probability sampling (b) Non probability sampling  
(c) Purposive sampling (d) A, B & C

ریاضیاتی طریقہ سے سمپل کا انتخاب اور برابر مواقع .ii

Non probability sampling (ب) Probability sampling (الف)  
(د) الف، ب اور ج Purposive sampling (ج)

iii. In-depth interview and Focus groups are:

- (a) Quantitative methods (b) Qualitative methods  
(c) Mix methods (d) A, B & C

In-Depth انٹرویو اور فوکس گروپ ہیں۔ .iii

Qualitative methods (ب) Quantitative methods (الف)  
(د) الف، ب اور ج Mix methods (ج)

iv. Representative sample

- (a) Qualities of population (b) Qualities of sample  
(c) Presentable (d) A, B & C

Representative سمپل: .iv

(ب) سمپل کی خصوصیات (الف) آبادی کی خصوصیات  
(د) الف، ب اور ج (ج) پیش کرنے کے قابل

v. Summated Rating scale is known as:

- (a) Semantic differential scale (b) Likert scale  
(c) Guttman scale (d) Thurstone scale

Summated ریٹنگ سکیل کو کہا جاتا ہے: .v

(ب) Likert سکیل (الف) Semantic differential سکیل  
(د) Thurstone سکیل (ج) Guttman سکیل

P.T.O.



# UNIVERSITY OF THE PUNJAB

Seventh Semester – 2019

Examination: B.S. 4 Years Program

Roll No. ....

PAPER: Research Methods-II

Course Code: BSCS-401 Part – II

MAX. TIME: 2 Hrs. 45 Min.

MAX. MARKS: 50

**ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED**

**Q.2. Give short and comprehensive answers of the following questions. (5x4=20)**

- i. What is difference between independent and dependent variable?  
Independent اور Dependent دہری اہل کے درمیان کیا فرق ہے؟ .i
- ii. What is the difference between hypothesis and research question?  
تحقیقی مفروضہ اور سوال میں کیا فرق ہے؟ .ii
- iii. What is difference between quantitative and qualitative research?  
Quantitative اور Qualitative تحقیق میں کیا فرق ہے؟ .iii
- iv. What is the difference between construct and concept?  
Concept اور Construct میں کیا فرق ہے؟ .iv
- v. What is difference between Nominal and Ordinal data?  
Ordinal اور Nominal ڈیٹا میں کیا فرق ہے؟ .v

**Q.3. Give detailed answers of the following questions. (3x10=30)**

- i. Discuss in detail the method of survey research in social sciences.  
سوشل سائنس میں سروے طریقہ تحقیق پر نوٹ لکھیں۔ .i
- ii. What is sampling? Discuss in detail the sampling techniques which can be employed by the researcher while she wants to collect.  
سیمپلنگ کیا ہے؟ محقق ڈیٹا اکٹھا کرنے کے لئے جو طریقہ کار استعمال کرتا ہے وہ تفصیل سے بیان کریں۔ .ii
- iii. What steps are followed when a scientific research is conducted? Discuss all steps in detail procedure of a scientific research.  
سائنسی طریقہ تحقیق کے مراحل پر نوٹ لکھیں۔ تمام مراحل اور طریقہ کار پر تفصیل سے بحث کریں۔ .iii