

NEW EXAMINATION SCHEME

Part	Total No. of Questions	Marks of each question	Total Marks
A	10	1	10
B	5	7	35
C	3	10	30
Total			75

Note;-In calculations, statistical tables and calculators are allowed. When using a calculator, the calculated values of each step has to be written down.

B.A. FINAL YEAR-2019-20

PAPER I PSYCHOLOGICAL METHODS AND STATISTICS

- Unit 1: Basic Elements, Research problem, Hypothesis and Variables:
Basic elements of the scientific Methods, Research, Problem, Hypothesis and Variables. Research Design: nature and types, Randomized Group Design Matched Group Design and Before-After Design
- Unit 2: Methods of Data Collection:
Sampling: The Representativeness of Sample, Random, Stratified, Incidental and Purposive sampling. Observation: Simple, uncontrolled, Participant and Non-Participant observation.
Questionnaire: Construction of the Questionnaire and Schedule, Pilot study and Pre-test, Problem of Validity, Mailed-Questionnaire.
Interview: Interviewing as a Social process, Rapport, Carrying the interview forward, The Probing, Recoding
- Unit 3: Normal Curve Percentiles and Ogive Curve:
Normal Curve: Introduction to Normal Curve and its applications, Skewness, Kurtosis.
Percentiles and Percentile Rank, Ogive.
- Unit 4: Correlation: Nature of Correlation: Calculation of Pearson's and Spearman's "rho"
- Unit 5: Significance and Hypothesis Testing:
Test of significance: Standard Error of Mean, Confidence Interval and confidence limit; Hypothesis Testing, 't' for correlated and independent Means, Calculation of Chi Square (equal probability and 2x2)

BOOKS RECOMMENDED

Goode and Hatt: Methods in Social Research, Tokyo, Mc-Graw Hill International Edition, 1986.

Garratt: Statistics in Psychology and Education, Bombay, Vakils, Feffer and Simmons, 6/e 1966.

PAPER II APPLIED PSYCHOLOGY

Max. Marks: 75
Min. Pass Marks: 27

Unit 1: Nature, Scope and Mental Health:

Nature and Scope of Applied Psychology

Psychology applied to mental health: Introduction to mental health; The aim of mental health: Prevention treatment and rehabilitation

Unit 2: Psychology Applied to Education and Guidance

Introduction to learning, motivation and learning, maturation and learning, favourable conditions for learning, Formation of habits, breaking of habits

Psychology of testing and guidance: Importance of Psychological tests, classification of Psychological tests, Intelligence and Intelligence tests

Verbal and Non-Verbal tests of intelligence Interest and aptitude tests; personality test; personality inventories and projective tests

Unit 3: Psychology Applied to Crime Understanding:

Introduction to crime, causes of crime. War and crimes, modern urban changes and crime, measures for reforming criminals, causes of crimes in India; Juvenile delinquency: Introduction to Juvenile delinquency, causes: measures for reforming juvenile delinquents. Crime detection: Association reaction method, Polygraph (lie-detector) method, autonomic changes in emotions, respiratory responses, psychogalvanic responses, blood pressure and brain waves.

Unit 4: Psychology Applied to Industry and Business:

Application in selection, selection tools-interview, personnel data record, psychological tests, Job analysis Industrial Morale: Introduction to Industrial morale, factors of industrial morale.

Unit 5: Psychology of Work, Accidents and Advertising:

Course of Work: Characteristics of work curve, fatigue, kinds of fatigue, preventing accidents: Nature and causes of accidents, accident prevention and safety procedure,

Psychology applied to advertising: Importance of advertising, various factors of advertising.

BOOKS RECOMMENDED

- Burt: Applied Psychology, Asia Publishing House, New Delhi, 1966.
Brown Berrien and Russel: Applied Psychology, Onperd and IBH, New Delhi, 1966.
Sharma Ram Nath: Applied Psychology, Kedarnath Ram Nath, Meerut, 1972.
Gilmer, V.H.: Applied Psychology, Tata McGraw Hill, New Delhi, 1979.

PAPER-III PRACTICALS

The practical examinations will be conducted by a panel of examiners- one external and one internal. The credit of 10 marks reserved for Record Books will be awarded on the basis of the bi-monthly report made by the teacher concerned on student laboratory work to the Head of the Department.

For each group of practical; not exceeding 20 students, there shall be two consecutive periods per sub-group per week.

The day-to-day practicals will be assessed by the supervising teacher at least bimonthly and assessment shall be communicated to the Head of the Department for record.

A student will be admitted to the annual examination in practicals only after he/she has conducted the practicals properly presented the record timely and completed the assignment satisfactorily.

Max. Marks: 50
Min. Pass Marks: 18

The distribution of marks will be as follows:	Marks
Practical Record Book	10
Conduction and report of one experiment	25
Oral as practical	<u>15</u>
Total	<u>50</u>

TOPICS OF PRACTICALS (ANY THREE)

1. Free association (study of complexes)

2. Work and rest pauses
3. Respiratory changes in work and rest conditions
4. Knowledge of results as an incentive
5. Aspiration and achievement
6. Distraction and performance
7. Reinforcement and learning
8. Study of appeals in advertisement
9. Any other proposed by teacher

TESTS (ANY FIVE)

1. Verbal test of intelligence
2. Battery of performance tests of intelligence
3. Adjustment inventory
4. Manifest anxiety scale
5. Steadiness test
6. Dexterity test
7. Aptitude test (any)
8. Interest inventory
9. Study Habits and aptitude
10. Vocational preferences
11. Any other proposed by teacher

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