

**R6618**

**Sub. Code**

**744201**

**M.Sc. DEGREE EXAMINATION, APRIL – 2022**

**Second Semester**

**Psychology**

**BIOLOGICAL PSYCHOLOGY**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is fMRI?
2. Write about lesion method.
3. Sketch the brain lobes and label it.
4. Write any two function of temporal lobe.
5. Write the natural sources of Dopamine.
6. List the endocrine glands.
7. What is pain?
8. Write the importance of smell
9. What is reward?
10. What is emotion?

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Discuss the advancement in human brain scanning techniques.

Or

- (b) Describe the procedure involved in stereotaxic surgery.

12. (a) Elaborate the functions of PNS.

Or

- (b) Explain the structure and functions of hypothalamus.

13. (a) Compare the role and functions of oxytocin and serotonin.

Or

- (b) Sketch pituitary gland and its functions.

14. (a) How pain sensation passed through sensory organs? Explain.

Or

- (b) Write a note olfactory system

15. (a) Discuss the emotional state of consciousness.

Or

- (b) How meditation influence human consciousness? Discuss.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain physiological research methods in Biopsychology.
  17. Central Nervous system and its functions in human being – Analyse.
  18. Critically evaluate the endocrine system and its major contribution in growth and development.
  19. Elucidate the physiology behind the sensory system.
  20. How sleep regulate the human body? Discuss the importance of sleep.
-

**R6619**

**Sub. Code**

**744202**

**M.Sc. DEGREE EXAMINATION, APRIL – 2022**

**Second Semester**

**Psychology**

**HEALTH PSYCHOLOGY**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

1. What is wellness?
2. Define the term — homeostasis.
3. What is attitude?
4. Expand — TRA and TPB.
5. Write any two health benefits of exercise.
6. State any two healthy eating practices.
7. What is eustress?
8. Write the importance of relationship.
9. State any two ill effects of smoking
10. What is disability?

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Discuss the various models of health.

Or

- (b) Explain the different factors that affecting the human health.

12. (a) Write a note on Big Five personality traits.

Or

- (b) Discuss the role of attitude on health practices

13. (a) Explain the factors promoting exercise behaviour.

Or

- (b) Analyse the root cause of the eating disorder among youth.

14. (a) Discuss the important characteristics of intimate relationship.

Or

- (b) Write a short note on Progressive muscle relaxation technique.

15. (a) How socio-economic status of family influence on family health?

Or

- (b) Differentiate alcohol use and abuse with example.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the various dimensions of health and wellness.
  17. Analyse different models of health behaviour and state which one of the models you feel that will be more effective. Justify?
  18. Elucidate the seven components of food and sketch the health eating pyramid
  19. Explain the various stress management strategies.
  20. Discuss the negative impact of health compromising behaviour among male and female gender.
-

**R6620**

**Sub. Code**

**744203**

**M.Sc. DEGREE EXAMINATION, APRIL – 2022**

**Second Semester**

**Psychology**

**RESEARCH METHODS AND STATISTICS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** the questions.

1. Define the term - Research.
2. What is hypothesis?
3. Name any two sampling techniques.
4. What is research design?
5. List the measurement of scales
6. Write any two importance of scales in research.
7. What is primary data?
8. State any three projective techniques.
9. Expand - ANOVA and ANOCOVA.
10. Write the importance of statistics.

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Discuss the various hypothesis testing with example.

Or

- (b) How research problem will be selected?

12. (a) Compare random and non-random sampling technique in research.

Or

- (b) Compare and contrast ratio scale and interval scale.

13. (a) Discuss the important methods of data collection in research.

Or

- (b) Elucidate the qualitative research techniques in data collection.

14. (a) Compare basic and applied research.

Or

- (b) Describe the salient features of survey method.

15. (a) Discuss the precautions in report writing.

Or

- (b) Compare parametric and non-parametric test.



**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the procedure involved in selecting a right research problem and analyse the qualities of a good research problem.
  17. Why research designs are important? How a researcher will select a right research design for his/her research work?
  18. Explain the various scaling techniques in research.
  19. Elucidate the important data collection methods in quantitative and qualitative research
  20. Outline the structure of research design and discuss the precautions in writing the research reports.
-

**R6621**

**Sub. Code**

**744204**

**M.Sc. DEGREE EXAMINATION, APRIL – 2022**

**Second Semester**

**Psychology**

**POSITIVE PSYCHOLOGY**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** the questions.

1. What is positive Psychology?
2. List any three positive emotions.
3. Is Happiness subjective or objective?
4. What is emotional intelligence?
5. State any two traits of self-efficacy
6. Name any three negative emotions.
7. What is mindfulness?
8. State any two characteristics of optimist.
9. Write the benefits of Gratitude
10. Define - Compassion.

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Describe the importance of positive psychology in day today life.

Or

- (b) Elucidate the salient features and assumption of positive psychology.

12. (a) Discuss the determinants of subjective wellbeing.

Or

- (b) Explain the predictors of happiness in an Individual.

13. (a) Compare optimism and pessimism.

Or

- (b) Enumerate values in daily life.

14. (a) Discuss the important mindfulness practices.

Or

- (b) Analyse the benefits of practicing flow in daily life.

15. (a) How empathy will be developed in an individual? Discuss its importance in Psychology.

Or

- (b) Discuss the various ways to foster forgiveness among children.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Will positive psychology play an important role in development of psychological wellbeing. Evaluate.
  17. Explain different positive emotions and discuss its importance in life.
  18. How emotional intelligence will be nurtured? List out its importance in modern society.
  19. What is mindfulness? How it will be practiced? Why it should be practiced?
  20. Critically Analyse the importance of altruism and empathy.
-

**R6622**

**Sub. Code**

**744208**

**M.Sc. DEGREE EXAMINATION, APRIL – 2022**

**Second Semester**

**Psychology**

**REHABILITATION PSYCHOLOGY**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** the questions.

1. Define the term - Rehabilitation.
2. State any two functions of rehabilitation psychology.
3. List any three professional competencies of rehabilitation psychologist.
4. What is training?
5. State the importance of diagnosis.
6. Write the precautions in clinical assessment.
7. Define - Disability.
8. List important stages in life span.
9. What is disaster rehabilitation?
10. Name any two natural disasters.

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Discuss the importance of rehabilitation Psychology.

Or

- (b) Enumerate the methods in rehabilitation psychology.

12. (a) What is need analysis? Why it should be done?

Or

- (b) How will you design a training programme for rehabilitation psychologist?

13. (a) Discuss the basic principles of rehabilitation psychology.

Or

- (b) Compare and Contrast - Assessment and Diagnosis.

14. (a) Discuss the role of psychologist in rehabilitation process of disabled.

Or

- (b) Explain the personality traits of disabled peoples.

15. (a) Discuss the procedure involved in addiction rehabilitation.

Or

- (b) Discuss the importance of community-based rehabilitation.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the historical perspectives in rehabilitation Psychology.
  17. Enumerate the competencies required for an effective rehabilitation psychologist.
  18. Describe Cognitive behaviour therapy and discuss its importance on rehabilitation process.
  19. Analyse the practical difficulty of rehabilitation psychologist in identifying person with disabilities.
  20. What is disaster rehabilitation? How it be delivered to needy and discuss its importance?
-

**R6623**

**Sub. Code**

**744401**

**M.Sc. DEGREE EXAMINATION, APRIL – 2022**

**Fourth Semester**

**Psychology**

**PSYCHOLOGY AND DISABILITY STUDIES**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is disorder?
2. What is multiple disability?
3. Expand RCI and RTE.
4. Write the importance of PWD act.
5. What is LD?
6. State any two importance of peer group support.
7. State any two symptoms of ASD.
8. Write any two myths in disability.
9. What is guidance?
10. State any two role of counsellor.



**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) State the nature and characteristics of deaf people?

Or

- (b) Compare intellectual and neurological disability.

12. (a) Write a short note on RCI.

Or

- (b) Write the overview of RTE act.

13. (a) Delineate the behavioural challenges of locomotor disability.

Or

- (b) Write a note on ASD.

14. (a) Describe the different types of intelligence testing.

Or

- (b) Compare verbal and non verbal intelligence test.

15. (a) Describe the marital counselling.

Or

- (b) Write the importance of gender issues in counselling.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss the nature and needs of multiple disabilities.

17. Discuss the national and state policies on disabilities.

18. Discuss the behavioural, social and emotional problems of intellectual disability.
  19. Justify the importance of intelligence testing for children.
  20. Justify the need and significance of trans disciplinary approach in disability studies.
-

**R6624**

**Sub. Code**

**744402**

**M.Sc. DEGREE EXAMINATION, APRIL – 2022**

**Fourth Semester**

**Psychology**

**PSYCHOMETRICS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is assessment?
2. What is reliability?
3. What is validity?
4. Write the importance of achievement test.
5. What is attitude?
6. State any two importance of interest assessment.
7. List the lobes of brain.
8. Name any two measures of language ability.
9. What is ADHD?
10. State any two controversy over the psychologists as expert witness.

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Why is it important to have a Psychological assessment?

Or

- (b) Contrast measurement and assessment.

12. (a) Write a short note on achievement tests.

Or

- (b) Describe the importance of aptitude tests.

13. (a) Delineate the components of career planning assessment.

Or

- (b) Write a note on - behavioural assessments.

14. (a) Describe the importance of language functioning assessment.

Or

- (b) Write the need for mental status examination.

15. (a) Describe the college readiness screening.

Or

- (b) Enumerate the importance of forensic assessment.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss the steps involved in test construction.
17. Discuss the individual and group tests of aptitude and achievement.

18. Discuss the various types of personality assessment.
  19. Justify the importance of brain mapping in assessment.
  20. Justify the need and significance of psychological testing in learning disabilities.
-