

<b>R-4510</b>
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<b>Sub. Code</b>
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<b>744201</b>
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**M.Sc. DEGREE EXAMINATION, APRIL 2021.**

**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 Biopsychology?
2. Name the types of neurons.
3. List the various nervous system in human being.
4. Write the importance of hypothalamus.
5. Name any three important endocrine glands.
6. Write about endorphin.
7. What is sensation?
8. List different sensations in human beings.
9. Define the term, consciousness.
10. State the importance of motivation.

**Part B****(5 × 5 = 25)**

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

11. (a) Write the important functions of neuron.

Or

- (b) Illustrate different type of neurons.

12. (a) Sketch the brain structure and discuss its functions.

Or

- (b) Describe Role and functions of blood brain barrier.

13. (a) Discuss the major functions of endocrine hormones.

Or

- (b) Explain the important characteristics of endocrine glands.

14. (a) Compare olfactory system and gustatory system.

Or

- (b) How sensory system plays an important role in understating the pain?

15. (a) Discuss the physiology behind the motivation.

Or

- (b) Discuss the physiology of sleep.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the different methods of visualising or scanning the brain.
  17. Analyse the major functions of CNS and PNS in human being.
  18. Discuss the endocrine gland and its role in human growth and development.
  19. Describe the physiology behind the somato sensory system.
  20. Enumerate the neural mechanism of reward and punishment.
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<b>R-4511</b>
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<b>Sub. Code</b>
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<b>744202</b>
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**M.Sc. DEGREE EXAMINATION, APRIL 2021.**

**Second Semester**

**Psychology**

**HEALTH PSYCHOLOGY**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** the questions.

1. State the dimensions of wellness.
2. What is health?
3. How motivation impacts health behaviour of youth?
4. State the traits of Type A personality
5. List any three health benefits of exercise.
6. Write a short note on BMI.
7. What is obesity?
8. Name any two stressors of academic stress.
9. What is health compromising behaviour?
10. State the characteristics of alcoholic person.

**Part B****(5 × 5 = 25)**Answer **all** questions, choosing either (a) or (b)

11. (a) Discuss the role of health psychologist in prevention of illness.

Or

- (b) What is Biomedical approach? How it plays a role in health and wellness.

12. (a) Discuss the theory of planned behaviour with suitable example.

Or

- (b) Explain the strategies to enhance self-efficacy.

13. (a) Compare and contrast aerobic and anaerobic exercises.

Or

- (b) Discuss the importance of healthy eating behaviour.

14. (a) Write a short note – Biofeedback.

Or

- (b) Describe the life cycle of intimate relationship.

15. (a) Compare alcohol use and alcohol abuse.

Or

- (b) Discuss the ill effects of smoking on human biology and psychology.

**Part C** (3 × 10 = 30)

Answer any **three** questions.

16. How health psychology plays an important role in prevention and treatment of psychological health issues? Discuss.
  17. Discuss different personality traits and how it influences in promoting of health?
  18. Explain the strategies to overcome and manage the eating disorder.
  19. How stress affects health? Discuss the various types of stress.
  20. Explain the biological and psychological effects of Alcohol use and abuse.
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<b>R-4512</b>
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<b>Sub. Code</b>
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<b>744203</b>
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**M.Sc. DEGREE EXAMINATION, APRIL 2021**

**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. What is hypothesis testing?
2. Give an example for null hypothesis.
3. State the importance of research design.
4. Snow Ball sampling - Write a short note.
5. Give an example for nominal and ordinal scales.
6. What is Likert scale?
7. State the type of interview method in research.
8. List the different types of observation method.
9. What is statistics?
10. Write the purpose of using Chi-square test.

**Part B****(5 × 5 = 25)**Answer **all** questions, choosing either (a) or (b)

11. (a) Compare research method vs Methodology.

Or

- (b) Discuss the criteria for selecting a good research problem.

12. (a) Compare survey and experimental research design.

Or

- (b) Compare Ex post facto research vs Experimental Research design.

13. (a) Compare and contrast reliability and validity.

Or

- (b) Describe various methods in reliability analysis.

14. (a) When will be projective techniques used? Justify.

Or

- (b) Explain the effective personality assessment techniques.

15. (a) Compare one tailed test and two tailed test.

Or

- (b) Outline the structure of a research report.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the important research methods used in behaviour sciences.
  17. Critically analyse the probability and non-probability sampling techniques.
  18. How scales in research are developed? As a research or how will you select a right scale for your research?
  19. Elucidate important quantitative research methods with example.
  20. Explain the steps involved in report writing and discuss various type of reports.
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<b>R-4513</b>
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<b>Sub. Code</b>
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<b>744204</b>
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**M.Sc. DEGREE EXAMINATION, APRIL 2021**

**Second Semester**

**Psychology**

**POSITIVE PSYCHOLOGY**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is positive psychology?
2. Define – Harmony.
3. State any two qualities of subjective well-being.
4. Write the importance of coping.
5. List any two virtues classified by Martin Seligman.
6. What is learned optimism?
7. What is relationship between fear and courage?
8. State any two benefits of Flow.
9. Name any two mindfulness practices.
10. Define – Empathy.

**Part B**

(5 × 5 = 25)

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

11. (a) Compare positive psychology and clinical psychology with suitable example.

Or

- (b) Discuss the positive outcomes of Hope and Compassion.

12. (a) Explain the factors determining the well-being.

Or

- (b) Describe the importance of emotional intelligence.

13. (a) Enumerate the strategies that will foster self-efficacy.

Or

- (b) Compare and contrast learned optimism vs learned pessimism.

14. (a) Distinguish mindfulness practices and non mindfulness practices in life.

Or

- (b) How gratitude will be nurtured? Discuss its importance.

15. (a) Discuss the causes of psychological well-being.

Or

- (b) Elucidate the strategies used to strengthen the better relationship.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Analyse the impact of positive psychology on happiness and well-being.
  17. Explain theories on positive emotions and discuss its importance.
  18. Elucidate the components of emotional intelligence with suitable example.
  19. Evaluate impact of mindfulness practices in daily life.
  20. Explain the components of effective prevention strategies to enhance the physical and psychological health.
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<b>R-4514</b>
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<b>Sub. Code</b>
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<b>744208</b>
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**M.Sc. DEGREE EXAMINATION, APRIL 2021**

**Second Semester**

**Psychology**

**REHABILITATION PSYCHOLOGY**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. State the scope of rehabilitation Psychology.
2. Define — Rehabilitation Psychology.
3. What is Training?
4. Mention any three important competencies of a rehabilitation psychologist.
5. What is Assessment?
6. Write the importance of diagnosis in Rehabilitation setting.
7. State any two roles of Psychologist.
8. What is Personality Trait?
9. State different areas of rehabilitation.
10. What is addiction rehabilitation?

**Part B**

(5 × 5 = 25)

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

11. (a) Discuss the different methods in Rehabilitation Psychology.

Or

- (b) Describe the major role and functions of Rehabilitation Psychologist.

12. (a) Delineate the professional competencies of rehabilitation psychologist.

Or

- (b) Elucidate the training needs in rehabilitation setting.

13. (a) Compare contrast Psychoanalytic therapy and REBT.

Or

- (b) Distinguish Augmentative therapy and Behaviour therapy.

14. (a) Discuss the importance of early rehabilitation.

Or

- (b) Describe the various coping styles to be nurtured in rehabilitation process.

15. (a) Discuss role of addiction rehabilitation psychologist.

Or

- (b) Delineate the importance of vocation rehabilitation among disabled people.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain historical perspectives in Rehabilitation Psychology.
  17. What is the role of rehabilitation psychologist in planning rehabilitation training? How it will be disseminated to the stakeholders?
  18. Analyse the importance of CBT in rehabilitation Psychology
  19. Explain the process of Rehabilitation involved in various disability settings.
  20. Elucidate the importance of community rehabilitation and discuss the practical difficulties in it.
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**R5375**

**Sub. Code**

**744401**

**M.Sc. DEGREE EXAMINATION, APRIL – 2021**

**Fourth Semester**

**Psychology**

**PSYCHOLOGY AND DISABILITY STUDIES**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all the** questions.

1. What is disability?
2. Expand ASD and LD.
3. What is a PWD act?
4. Write the importance of RTE act.
5. What is ADHD?
6. State any two importance of rights and advocacy.
7. State any two symptoms of learning disability.
8. Write any two importance of assessment.
9. What is counselling?
10. State any two areas of guidance.

**Part B**

(5 × 5 = 25)

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

11. (a) Why is it important to have a disability act?

Or

- (b) Compare physical and intellectual disability.

12. (a) Write a short note on National Trust Act 1999.

Or

- (b) Describe the overview of PWD act.

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

Or

- (b) Write a note on - Autism Spectrum Disorder.

14. (a) Describe the importance of intelligence testing.

Or

- (b) Describe the subcomponents of any one of the intelligence tests.

15. (a) Describe the role of counsellor.

Or

- (b) Enumerate the importance of gender issues in guidance and counselling.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss the important factors of disabilities.

17. Discuss recent acts on disabilities.

18. Discuss the behavioural, social and emotional problems of locomotor disability.
  19. Write about domain based assessment.
  20. Justify the need and significance of guidance and counselling in disability studies.
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**R5376**

**Sub. Code**

**744402**

**M.Sc. DEGREE EXAMINATION, APRIL – 2021**

**Fourth Semester**

**Psychology**

**PSYCHOMETRICS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all the** questions.

1. What is measurement?
2. State any two uses of tests.
3. What is intelligence?
4. Write the importance of aptitude assessment.
5. What is personality?
6. State any two importance of moral judgment.
7. State any two functions of brain.
8. Name any two measures of attention.
9. What is an expert witness?
10. State any two behavioural disorder.

**Part B**

(5 × 5 = 25)

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

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

Or

- (b) Compare measurement and assessment.

12. (a) Write a short note on individual and group test.

Or

- (b) Describe the importance of achievement tests.

13. (a) Delineate the brain mapping techniques.

Or

- (b) Write a note on - projective techniques in assessment.

14. (a) Describe the importance of learning and memory testing.

Or

- (b) Describe the importance of mental status examination.

15. (a) Describe the school readiness screening.

Or

- (b) Enumerate the importance of expert witness.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss the importance of psychological testing assessment.

17. Discuss the individual and group tests of intelligence.

18. Discuss the tests of neuropsychological assessment.
  19. Justify the importance of using personality assessment.
  20. Justify the need and significance of psychological testing in special area.
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