



QP CODE: 25047466



25047466

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, NOVEMBER 2025
Third Semester
M Sc ACTUARIAL SCIENCE
ELECTIVE - AS810301 - ACTUARIAL RISK MANAGEMENT
2019 ADMISSION ONWARDS
E6D58339

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. What do you mean by a Reinsurance contract?
2. What do you mean by pension schemes?
3. Define the term Current need.
4. What do you mean by Credit risk?
5. Define Risk Identification.
6. What do you mean by Integrated risk cover?
7. What is underwriting?
8. Define post-loss funding.
9. Define term admissable asset.
10. Define the term capital management.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Differentiate between logical approach and emotional approach with the help of proper examples.
12. What are the different benefit risks associated with DB schemes?
13. Differentiate between market liquidity risk and company liquidity risk.
14. What are the different types of non-proportional reinsurance?
15. What are the advantages and disadvantages of excess of loss reinsurance?





16. Explain how Insurance derivatives work.
17. "Reinsurance plays a vital role in the management of capital of a financial product provider." Comment.
18. How does internal sources of capital helps in meeting business needs?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Evaluate the different investment risks associated with benefit schemes.
20. Evaluate the different business risks associated with an insurance company.
21. What is ART? What are its common varieties?
22. Explain the capital needs of individuals, companies and providers of financial products.

(2×5=10 weightage)

