INSTRUCTION: Attempt **Four (4)** questions in all
TIME: 2hrs.

Q1a. Define screed. States five (5) functions of floor screed **(7 marks)**
Q1b. outline six (6) steps/procedures that is applicable to plastering and rendering operation **(6 marks)**
Q1c. A floor area measuring 16.4m by 7.6m is be tiled with granite tiles measuring 800mm × 800mm. Calculate the number of tiles required to complete the job considering 10% damages **(2 marks)**

Q2a. Describe terrazzo finish in details. Support your answer with a good sketch. **(5 marks)**
Q2b. States four (4) precautions to be observed to prevent cracking in terrazzo floors. **(4 marks)**
Q2c. List and explain in details the three ways upon which plaster finish to wall surfaces can be achieved. **(6 marks)**

Q3a. List and explain three types of plaster **(6 marks)**
Q3b. State in general, the function of external and internal rendering (plastering) **(5 marks)**
Q3c. Give four (4) reasons for painting walls and timber surfaces **(4 marks)**

Q4a. Describe the following types of floor
    a. Granolithic floor, **b.** Concrete floor and **c.** Rammed earth floor **(6 marks)**
Q4b. A floor screed is used to provide some basic functions. List five (5) of such functions **(5 marks)**
Q4c. A Client purchases a total of 840 pieces of tiles measuring 400mm × 400mm × 5mm and asked you to suggest to him the total area per square meters to fix the tiles on the floor. Calculate the area for the number of tiles as requested by the client. **(4 marks)**

Q5a. Define Tyrolean finishes. Give reason why tyrolean finishes is recommended for public buildings. **(6 marks)**
Q5b. Outline seven qualities of a good paint **(7 marks)**
Q5c. Outline four (4) major preconditions that must be considered in the choice of ceiling covering **(2 marks)**

Good Luck: Examiner.