

**INDUSTRIAL AND TECHNOLOGY EDUCATION DEPARTMENT**  
**SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION**  
**FEDERAL UNIVERSITY OF TECHNOLOGY MINNA**

SEMESTER: Second

SESSION: 2020/2020

COURSE: Building Finishes

CODE: ITE541/BUD521

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

**Q1a.** Define screed. States five (5) functions of floor screed (7 marks)

**Q1b.** Describe the following types of floor

- i. Granolithic floor, ii. Concrete floor and iii. Rammed earth floor (9 marks)

**Q2a.** Define rendering and plastering. Outline nine (9) steps/procedures that is applicable to plastering and rendering operation (13 marks)

**Q2b.** State four (4) functions of rendering (2 marks)

**Q3a.** Describe terrazzo finish in details. States four (4) precautions to be observed to prevent cracking in terrazzo floors. (9 marks)

**Q3b.** Explain in details the three ways upon which plaster finish to wall surfaces can be achieved. (6 marks)

**Q4a.** List and explain the three (3) types of plaster (6 marks)

**Q4b.** Give four (4) reasons for painting walls and timber surfaces (4 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 square meters to fix the tiles on the floor. Calculate the area for the number of tiles as requested by the client. (5 marks)

**Q5a.** Describe Tyrolean finish. Give four (4) reasons why Tyrolean finishes is recommended for public buildings. (6 marks)

**Q5b.** Define paint and outline seven (7) qualities of a good paint (9 marks)

**Q6a.** Define the followings;

- i. Wallpapers  
ii. Plaster of Paris  
ii i. Cladding (6 marks)

**Q6b.** Outline the basic steps in getting POP ceiling cast – on site (9 marks)

Good Luck; Examiner.

*Moderated*  
*A/Sadru*  
*31-1-2023*