

Question Paper

Exam Date & Time: 04-Feb-2023 (09:30 AM - 12:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

INTERNATIONAL CENTRE FOR APPLIED SCIENCES END SEMESTER THEORY EXAMINATION - DECEMBER 2022

I SEMESTER B.Sc.(Applied Sciences) in Engg.

A COURSE ON PSYCHOLOGY FOR ENGINEERS [IHS 111 - S2]

Marks: 50

Duration: 180 mins.

Answer all the questions.

- 1) Briefly explain Operant Conditioning. (10)
- 2) Discuss Freud's psychosexual development stages. (10)
- 3) (A) What is Id, Ego and Super Ego. (10)

(B) F W Taylor, the father of Scientific Management, was all for maximizing output. He standardized the cutting tools in machine shops in manufacturing industries and asked the company management to establish a 'tool room' inside the factory and provide all the required cutting tools to their workers. He also trained the machine tool operators in operating the machine tools such as lathe, drilling machine etc., and making highest output. He fixed a standard of output per unit of time on the basis of time and motion studies.

A worker achieving the standard or more was paid a certain rate per unit of output. Those who failed to reach the standard were paid at lower rate. This is known as Taylor's **Differential Piece Rate System**. For example, the rate might be 15 rupees per piece if the output was 30 pieces or more and only 10 rupees if output was less than 30 pieces.

Workers in the factory have revolted. Discuss the Differential piece rate system which was introduced after 'tool room' concept by Taylor from (i) Scientific management (ii) Behavioural management and (iii) Administrative management approaches.

- 4) (a) Rajeev is a middle level manager. He keeps all his subordinates under a lot of discipline. His employees however complain of wastage of time and efforts as they feel that nothing is being assigned in a proper way and a proper place, also no proper schedule is made for working. Define the principle of management being violated here. Explain briefly by citing the sentence from given case. (10)