

1. In 1961, Yale psychology professor Stanley Milgram designed an experiment
2. to measure the extent to which people were prepared to obey authority, even
3. when it meant ignoring their conscience. Milgram hoped to understand how
4. ordinary Germans could have participated on such a large scale to bring about
5. the Holocaust. One notion at the time of the experiment was that the Germans'
6. culture prized deference to power above all else, and may have made them
7. capable of carrying out orders that would be morally unthinkable to other
8. cultures. Milgram's hypothesis, though, was that all people are predisposed to
9. suppress their own moral instincts in favor of obedience to authority figures.



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10. (32) The aim of Stanley Milgram's 1961 experiment was to
11. 1 investigate people's ability to tolerate extreme levels of discomfort while
 12. concentrating intently on a mentally challenging task.
 13. 2 determine whether the degree of pain people feel increases when they
 14. observe pain simultaneously being inflicted on another person.
 15. 3 test whether there is an inherent human tendency to follow orders even
 16. when they conflict with one's sense of right and wrong.
 17. 4 illustrate how ordinary people can easily become convinced they are morally
 18. superior to people who are put under their control.

Further Questions

19. 1) What was the experiment designed to measure?
20. *It was designed to measure the extent to which people were prepared to obey*
21. *authority.*
22. 2) What was Milgram's hypothesis?
23. *Milgram's hypothesis was that all people are predisposed to suppress their*
24. *own moral instincts.*

25. Milgram recruited 40 people to assist a stern, white-coated scientist as he
26. supervised a "study of memory." Seated at a control panel, recruits were to
27. test an unseen learner in the next room. They were instructed to press a
28. switch to administer an electric shock to the learner each time he answered
29. incorrectly, increasing the voltage with each wrong response. Dials, lights, and
30. buzzers on the control panel gave every indication of delivering painful shocks
31. to the learner, who responded with screams, please to stop, and eventually,
32. dead silence. Unknown to the recruits, the entire setup was fake—the learner
33. and the scientist were, in fact, actors, and no shocks were actually transmitted.

Further Questions

34. 3) What were the people instructed to do?

35. *They were instructed to press a switch to increase the voltage with each wrong*
36. *response.*

37. **4) Was the setup real?**

38. *No, the entire setup was fake—the learners and the scientists were, in fact,*
39. *actors.*

40. All 40 recruits administered what they thought were a series of shocks up to
41. 300 volts—labeled “Extreme Intensity Shock” on the control panel—without
42. refusing. Despite expressing mounting concern for the learner, as well as their
43. own deepening discomfort, most proceeded after the scientist accepted
44. responsibility for the learner’s safety and instructed them to continue.
45. Sixty-five percent of the recruits even went on to administer the maximum
46. 450-volt shock. Although they displayed signs of extreme stress—trembling,
47. hysterical laughter, weeping, and even seizures—their discomfort never
48. overrode their obedience to the scientist’s authority, even when they believed
49. the learner had been rendered unconscious.

50. **(33) How did the people recruited by Milgram behave during the experiment?**

51. **1** The majority obeyed the scientist’s instructions for most the experiment
52. refusing only after the learner began to show signs of extreme physical pain.

53. **2** Despite experiencing severe distress, the majority administered what they
54. believed to be dangerous high-voltage shocks when told to do so.

55. **3** Worried about being held responsible for harming another person, a
56. significant number refused to administer shocks of up to 300 volts.

57. **4** Even after the scientists insisted the learner was not harmed, a significant
58. number demanded to see proof the learner was conscious.

Further Questions

59. **5) Did any of the recruits refuse to administer the shocks?**

60. *No. All 40 recruits administered what they thought were a series of shocks up*
61. *to 300 volts.*

62. **6) What sort of signs of discomfort did the recruits show?**

63. *They showed trembling, hysterical laughter, weeping, and even seizures.*

64. Milgram’s conclusion was that the drive to comply with authority is stronger
65. than even our deepest-held personal morals. Other scientists, however,
66. questioned the experiment’s validity. In 1968, psychologists John Holland and
67. Martin Orne suggested Milgram’s study was flawed, ironically, by the recruits’
68. respect for authority. Trusting the scientist would not let the learner be
69. harmed, recruits had likely doubted the shocks were real, instead suspecting
70. that the recruit’s discomfort resulted from feeling compelled to play along with
71. a troubling but artificial scenario.

Further Questions

72. **7) Why did John Holland and Martin Orne suggest Milgram’s study was**
73. **flaws?**

74. *Trusting the scientist would not let the learner be harmed, recruits had likely*

75. *doubted the shocks were real.*

76. A 1966 experiment by psychiatrist Charles Hofling, however, replicated
77. Milgram's findings in a real-life setting. In Hofling's experiment, 21 of 22
78. hospital nurses, instructed by a doctor they had never met to administer a
79. clearly unsafe dosage of medicine to a patient, obediently prepared to do so.
80. Numerous other experiments have since shown that power differences in
81. social situations are capable of leading ordinary people to commit extremely
82. cruel or harmful acts.

83. **(34) What was argued by John Holland and Martin Orne?**

84. **1** Milgram's recruits may have behaved as they did because they felt pressure
85. to perform in a manner that suited the experiment.

86. **2** The results of the experiment should be considered invalid because Milgram
87. failed to inform recruits that their own behavior would be analyzed.

88. **3** Milgram had intentionally planned and set up the experiment in such a way
89. that only one result could possibly have emerged.

90. **4** The scientist in Milgram's experiment did not convincingly portray an
91. authority figure, so the recruits felt no real need to do what was asked of them.

Further Questions

92. **8) What did the experiment done by Charles Hofling show?**

93. *He showed that 21 of 22 hospital nurses would be willing to administer a*
94. *clearly unsafe dosage of medicine when instructed by a doctor to do so.*

95. **9) If an authority figure asked you to do something that opposed your morals,**
96. **would you do it?**

97. *ex.) I would object and try to avoid doing it, but if pressed I would do it.*

98. 解答: (32) 3 (33) 2 (34)

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