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Courses » Sociology of Science

Announcements

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## Unit 4 - Week 3

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### Course outline

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#### Week 3

- Lecture 11  
Matthew Effect  
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Thomas Kuhn  
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- Lecture 14 Karl  
Popper Part 1
- Lecture 15 Karl  
Popper Part 2
- Soft copy of  
Thomas Kuhn's  
structure of  
scientific  
revolution
- Soft copy of  
Matthew Effect  
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- Soft copy of  
Matthew Effect

## Assignment 3

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-02-27, 23:59 IS**

1) R. K. Merton argues that centres of demonstrated excellence receive more funding for research because: **1 point**

- Such institutions attract more promising students
- Such institutions manage to attract bright and exceptional faculty
- Both (a) and (b)
- None of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Both (a) and (b)*

2) Concepts of "Precocity and Late bloomers" as given by R. K. Merton refer to: **1 point**

- Exceptionally talented, and those who mature over time respectively
- Those who mature over time, and exceptionally talented respectively
- Those who mature over time, and showing early signs of ability respectively
- Those who show early signs of ability and, exceptionally talented respectively

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Exceptionally talented, and those who mature over time respectively*

3) The idea of 'Invisibility of Revolution' is given by: **1 point**

- Karl Popper
- Thomas Kuhn
- Anthony Giddens

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Solution :  
Assignment 3

Week 4

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statement forms the main argument of:

- Structure of scientific revolution
- Science as a falsification
- Mathew Effect-II
- Science, Technology and Colonial Power in India

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Structure of scientific revolution*

5) 'Anomaly' does **not** refer to:

- A phenomenon not explained by existing paradigm
- A phenomenon explained by existing paradigm
- When a puzzle requires an alternative solution
- A finding which is not in sync with dominant paradigm

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*A phenomenon explained by existing paradigm*

6) According to Thomas Kuhn, scientific progress is:

- A result of a linear process
- A cumulation
- Accumulation
- A revolution

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*A revolution*

7) Which one of the following is **not** a criteria of distinction between science and non-science, **1 point** according to Karl Popper:

- Falsifiability
- Testability
- Acceptability
- Refutability

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Acceptability*

8) Which of the following books is written by Karl Popper:

- Logic of Scientific Discovery
- The Structure of Scientific Revolutions
- The Road since structure
- Physica

**No, the answer is incorrect.**



**1 point**

**1 point**

**Score: 0**

**Accepted Answers:**

*Logic of Scientific Discovery*

9) For Karl Popper, a scientific theory is acceptable only when it is the result of the risky predictions. Risky prediction is:

**1 point**

- That said proposition might turn out to be false
- That said proposition can never be false
- That said proposition is the result of risks undertaken by scientists
- That said proposition can never be challenged in future



**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*That said proposition might turn out to be false*

10) Conventionalist Stratagem means:

**1 point**



- A theorist tries to improve theory
- A theorist tries to make theory fool proof by adding certain clauses
- A theorist adheres to conventional strategies
- A theorist tries to come up with an entirely new theory

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*A theorist tries to make theory fool proof by adding certain clauses*

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