Unit 3 - Week 2
Assignment 2

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-02-13, 23:59 IST.

1) Which of the following statements is true regarding the norms which guide the scientist within the scientific community?

- The norms take the form of prescriptions, proscriptions, preferences and permissions.
- They are legitimized in terms of institutional values.
- They are institutionalised by scientists and guide their scientific concerns.
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

2) Which of the following is not true regarding an eponymous law or theory?

- It is named based on the discoverer or inventor.
- It enters into the exclusive possession of the discoverer and her/his heirs.
- It is a mnemonic and commemorative device
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
It enters into the exclusive possession of the discoverer and her/his heirs.

3) Disinterestedness as a norm implies:

- Science is a collaborative effort
- Lack of privileged source of scientific knowledge
- Emphasis on shared nature of scientific pursuits
- Passion and curiosity of the scientists

No, the answer is incorrect.
Score: 0
Accepted Answers:
Passion and curiosity of the scientists

4) The idea that a scientist's social characteristics influence how her/his work is judged is associated with

- Particularism
- Matthew Effect in science
- Both A and B
- Neither A nor B

No, the answer is incorrect.
Score: 0
Accepted Answers:
Both A and B
5) The linkage between social needs and scientific and technological advancement led to the development of

- Communism
- Feudalism
- Monopoly
- Capitalism

No, the answer is incorrect.
Score: 0
Accepted Answers:
Capitalism

6) Which of the following played role in the development of science and technology in 17th century England?

- Military demands
- Economic benefits of invention and discovery
- The need for social acclaim and social mobility
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

7) Matthew Effect is in operation in case of

- Joint collaboration
- Independent multiple discoveries
- Both A and B
- Neither A nor B

No, the answer is incorrect.
Score: 0
Accepted Answers:
Both A and B

8) Which of the following statements is false in the context of Matthew Effect?

- It can lead to double unintended injustice.
- Matthew Effect is always dysfunctional for scientific communication.
- It can heighten the visibility of a work associated with a prominent scientist.
- It can allow readers to choose the work of scientists with better professional credentials.

No, the answer is incorrect.
Score: 0
Accepted Answers:
Matthew Effect is always dysfunctional for scientific communication.

9) Which of the following are examples of great scientific work that did not acquire initial prominence owing to operation of Matthew Effect?

- Waterston’s work on molecular velocity
- Mendelian genetics
- Fourier’s work on propagation of heat

No, the answer is incorrect.
10) When eminent scientists focus on certain areas within their discipline and elevate it to a new and distinguished school of thought, the process is called __________.

- Ratchet Effect
- Focalisation
- Matthew Effect
- Particularism

No, the answer is incorrect.
Score: 0
Accepted Answers: Focalisation