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Courses » Digital and the Everyday: from codes to cloud

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Unit 2 - Week 0 - Review Assignment

Course outline

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Assignment 0

The due date for submitting this assignment has passed. **Due on 2018-02-05, 00:59 IST.**

Submitted assignment

1) The United Nations adopted a Sustainable Development Agenda in November 2015. Which **1 point** option among the following does not reflect a correct understanding of this agenda:

- It aims to end poverty, promote prosperity and people's well-being while protecting the environment, by 2030.
- It consists of a set of 17 Sustainable Development Goals (SDGs) or Global Goals, some of which are "No Poverty", "Zero Hunger", "Good-Health and Well-being", "Reduced Inequalities" and "Responsible Consumption and Production".
- It has been put together by a bunch of tree-hugging environmentalists who are not concerned with economic growth of nations and firms.
- It seeks to continue the work on the earlier set of Millennium Development Goals (MDGs) while including new areas such as climate change, economic inequality, sustainable consumption, peace and justice, among other priorities.

No, the answer is incorrect.

Score: 0

Accepted Answers:

It has been put together by a bunch of tree-hugging environmentalists who are not concerned with economic growth of nations and firms.

2) The Public Distribution System (PDS) in India is a government scheme that provides **1 point** subsidized foodgrains to households. Which of the following is most likely true about the way it is being implemented in a majority of the States in the country:

- Anyone in need of food can walk into a Fair Price Shop (also called a Ration Shop) and buy subsidized foodgrains on payment of the prescribed amount.
- Given that India is a land of diverse food habits, every State and District in the country has a different mix of subsidized foodgrains on sale depending on the tastes of the residents in that area.
- After last year's demonetization of high valued notes, payment for subsidized foodgrains in Fair Price Shops can only be done if one has a Paytm account.
- Aadhar is being actively considered by many State Governments to ensure the Ration Card database (a list of eligible beneficiaries) is free of ghost (or, non-existent persons) and duplicate entries.

No, the answer is incorrect.

Score: 0

Accepted Answers:

Aadhar is being actively considered by many State Governments to ensure the Ration Card database (a list of eligible beneficiaries) is free of ghost (or, non-existent persons) and duplicate entries.

3) Which of the following statements is most likely true while describing the characteristics of the Information Technology (IT) Industry: **1 point**

- Global IT majors, Google and Facebook, provide free services to their users because both of them are charitable (not-for-profit) organizations.
- Internet is considered a democratic medium, so authoritarian regimes across the world do not use it.
- A disproportionate share of IT gets consumed (or, used) in a few affluent countries of the world, largely concentrated in North America and Western Europe.
- Digital India is the name of a new Public Sector Undertaking (PSU) of Government of India which will manufacture mobile phones to counter the security threats posed by Chinese manufacturers.

No, the answer is incorrect.

Score: 0

Accepted Answers:

A disproportionate share of IT gets consumed (or, used) in a few affluent countries of the world, largely concentrated in North America and Western Europe.

4) Which organization is responsible for managing Internet resources such as the Internet Protocol (IP) addresses and domain names: **1 point**

- International Telecommunications Union (ITU)
- Internet Corporation for Assigned Names and Numbers (ICANN)
- Department of Commerce, United States of America
- World Intellectual Property Organization (WIPO)

No, the answer is incorrect.

Score: 0

Accepted Answers:

Internet Corporation for Assigned Names and Numbers (ICANN)

5) If you get a mail from some unknown person in Nigeria, promising you a million dollar, if you could submit your bank account details is an example of: **1 point**

- Spamming
- Trolling
- Phishing
- Bunking

No, the answer is incorrect.

Score: 0

Accepted Answers:

Phishing

6) Which of the following technologies provide broadband connectivity with high data speeds? **1 point**

- Digital Subscriber Link (DSL)
- Second Generation Mobile Networking (2G)
- Bluetooth (BT)
- Fourth Generation Mobile Networking (4G)
- Both (a) and (b)
- Both (b) and (c)
- Both (a) and (d)
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both (a) and (d)

7) Which of the following can a computer use directly, without prior compilation? **1 point**

- Java

- C
- pseudocode
- machine language

No, the answer is incorrect.

Score: 0

Accepted Answers:

machine language

8) Which of the following is a typical role of a human programmer?

1 point

- converting from Windows to Java
- converting an algorithm into pseudocode
- converting programming language code into machine language code
- converting an algorithm into programming language code
- none of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

converting an algorithm into programming language code

9) Which of the following famous books probably has the least significance to contemporary concerns about the appropriate uses of information technology?

1 point

- Nicomachean Ethics, by Aristotle
- The Emperor's New Mind, by Roger Penrose
- The Cathedral and the Bazaar, by Eric Raymond
- Computer Architecture: A Quantitative Approach, by John Hennessy and David Patterson
- none of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Computer Architecture: A Quantitative Approach, by John Hennessy and David Patterson

10) In the context of the financial inclusion drive in India, what does JAM stand for?

1 point

- Janta, Aadhaar, Modern and Mobile
- JanDhan, Aadhaar, Mobile
- JanDhan, Aam Aadmi, Mobile
- JanDhan, Aadhaar, Money

No, the answer is incorrect.

Score: 0

Accepted Answers:

JanDhan, Aadhaar, Mobile

11) Computational Social Science is:

1 point

- an interdisciplinary field of studies including computer science, information science, data science and social sciences
- it is a branch of computer science
- it is a branch of social sciences

No, the answer is incorrect.

Score: 0

Accepted Answers:

an interdisciplinary field of studies including computer science, information science, data science and social sciences

12) Local Shared Objects (LSOs) are cookies that are stored outside the browser.

1 point

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

13) In November 2017, the CEO of Facebook, Mr Mark Zuckerberg, is said to have said the following,

1 point

when asked about the long duration use of his website by several users.

"... that Facebook is about bringing people closer together and enabling meaningful social interactions ; it's not primarily about consuming content passively . Research shows that interacting with friends and family on social media tends to be more meaningful and can be good for our wellbeing , and that's_____. But when we just passively consume content , that may be less true."

Which one of the following best suits the missing phrase in his speech?

- the important matter
- time well spent
- the primary focus of Facebook
- good for society too

No, the answer is incorrect.

Score: 0

Accepted Answers:

time well spent

14) You are sitting in an air-conditioned room, which is initially closed and the room temperature is cooled to 24 o C. Which of these is most likely to happen, if someone opens the door

1 point

- and the outside temperature is 30 o C, then the air-conditioner does not turn on.
- and the outside temperature is 30 o C, then the room cools naturally.
- and the outside temperature is 20 o C, then the air-conditioner turns on.
- and the outside temperature is 20 o C, then the air-conditioner does not turn on.

No, the answer is incorrect.

Score: 0

Accepted Answers:

and the outside temperature is 20 o C, then the air-conditioner does not turn on.

15) Which of the following is the closest to being logically opposite to the statement "All roses are red"?

1 point

- No roses are red.
- Some roses are red.
- There is one rose which is not red.
- All roses are not red.

No, the answer is incorrect.

Score: 0

Accepted Answers:

There is one rose which is not red.

End

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