

INTERNATIONAL OLYMPIAD OF FUTURE TECHNOLOGIES

Sample Paper – Group II(Grade VI to VIII)

- Review these sample questions to help familiarize yourself with the International Olympiad of Future Technologies.
- Register to get FREE Olympiad e-guide to learn and prepare for the exam.
- You can download the syllabus and learning details from the website www.zenikolympiad.com.
- This sample paper is based on MCQ pattern. There are 4 options out of which only one is correct.

1. Which one of these is NOT one of the basic parts of a robot?

- (a) Sensor
- (b) Drive
- (c) Controller
- (d) Peripheral



2. What does the “https://” at the beginning of a URL denote, as opposed to “http://” (without the “s”)?
- (a) That the site has special high definition
 - (b) That information entered into the site is encrypted
 - (c) That the site is the newest version available
 - (d) That the site is not accessible to certain computers

3. The study of computer algorithms that improve automatically through experience is termed?
 - (a)Compilation
 - (b)Formulation
 - (c)Machine Learning
 - (d)None of the above

4. A robot has an average speed of 4.0 in/s. How long will it take the robot to travel 60 in?
 - (a)64s
 - (b)240s
 - (c)60s
 - (d)15s

5. Someone posing as an IT support engineer requests information about your computer configuration. What kind of attack is this?
 - (a)Insider threat
 - (b)Phishing
 - (c)Social engineering
 - (d)Whaling

6. Which is the most popular cloud service offering as of today?
 - (a)Microsoft Azure
 - (b)Google App Engine
 - (c)Rackspace
 - (d)Amazon Web Services

7. Which of these is not related to Internet of Things?



- (a) Real-time analytics
- (b) Machine learning
- (c) Embedded systems
- (d) Virtual reality

8. Bitcoin is a crypto-currency based on _____ Blockchain.

- (a) Public
- (b) Private
- (c) Distributed
- (d) Permissioned

9. What does VR do?

- (a) Help access the internet
- (b) Simulate environment of reality
- (c) Help recording videos
- (d) None of the above

10. Which of the following tasks or elements would be considered back-end?

- (a) Graphic interface
 - (b) Database programming
 - (c) PHP Scripts
 - (d) HTML programming
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Answers

1. (d)
2. (b)
3. (c)
4. (d)
5. (b)
6. (d)
7. (d)
8. (c)
9. (b)
10. (b)